

Survey Report

Survey Details

Name 2007-17.4 PRC-005 FERC Order No. 803 Directive SAR

Description

Start Date 6/11/2015

End Date 7/10/2015

Associated Ballots

Survey Questions

1. Do you agree that the scope and objectives of the SAR address the directive in Order No. 803? If not, please explain why you do not agree and, if possible, provide specific language revisions that would make it acceptable to you.

Yes

No

2. The PSMTSDT has proposed revising the definition of “Automatic Reclosing” and “Component Type” to address the FERC directive in Order 803. Do you agree that the proposed revised definitions? If not, please provide specific comments regarding the revision and any suggestions for alternatives to address the directive.

Yes

No

3. The PSMTSDT has added Table 4-3 to address maintenance activities and intervals for voltage sensing devices associated with supervisory relays. Do you agree with the proposed table? If not, please provide specific comments regarding the table and any suggestions for alternative language.

Yes

No

4. The PSMTSDT has made revisions to the Supplementary Reference and FAQ Document. Do you agree with the proposed revisions? If not, please provide specific comments regarding the revisions and any suggestions for alternative language.

Yes

No

5. The PSMTSDT has proposed combining the Implementation Plans for previous versions of PRC-005 (including PRC-005-3, PRC-005-3i, PRC-005-3ii, PRC-005-4 and PRC-005-5). Do you agree with the proposed Implementation Plan? If not, please provide specific comments regarding the Implementation Plan and any suggestions for alternative language.

Yes

No

Responses By Question

1. Do you agree that the scope and objectives of the SAR address the directive in Order No. 803? If not, please explain why you do not agree and, if possible, provide specific language revisions that would make it acceptable to you.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Gul Khan - Oncor Electric Delivery - 2 - TRE

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment: Control circuitry associated with the reclosing relay or supervisory relays is unclear and needs a better definition. Closing circuitry devices that are to be excluded should be enumerated for clarity.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Puztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Randi Heise - Dominion - Dominion Resources, Inc. - 5 -

Group Information

Group Name: Dominion - RCS

Group Member Name	Entity	Region	Segments
Larry Nash	Dominion Virginia Power	SERC	1
Louis Slade	Dominion Resources, Inc.	SERC	6
Connie Lowe	Dominion Resources, Inc.	RFC	3
Randi Heise	Dominion Resources, Inc.	NPCC	5

Voter Information

Voter **Segment**
Randi Heise 5

Entity **Region(s)**
Dominion - Dominion Resources, Inc.

Selected Answer: No

Answer Comment: Dominion does **not** agree with inclusion of Balancing Authority in the Reliability Functions portion of the SAR.

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	Region(s)
Exelon	

Selected Answer: Yes

Answer Comment: We agree that the SAR addresses the directive in Order No. 803, however we have issues with the revised definition of Automatic Reclosing in the draft of PRC-005-6. See response in question #2.

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	Region(s)
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Stanley Beasley - Georgia Transmission Corporation - 1 - SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Molly Devine - IDACORP - Idaho Power Company - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Venona Greaff - Oxy - Occidental Chemical - 7 -

Selected Answer: Yes

Answer Comment:

Occidental Chemical Corporation (OCC) agrees that the project team took the proper action to re-write the SAR to directly focus on Order No. 803. Although the previous version accurately reflected the intent of the initiative in our view, the attempt to include the work description in the original SAR was clearly confusing to some stakeholders. We agree that a consensus will only be reached if the document tightly reflects the language in FERC's directives – and cannot be interpreted in a manner that expands scope beyond that point.

Document Name:

Likes: 0

Dislikes: 0

Jeri Freimuth - APS - Arizona Public Service Co. - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

David Jendras - Ameren - Ameren Services - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2007-17.4

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Robert Pellegrini	The United Illuminating Company	NPCC	1
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1

Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	Region(s)
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment: The Balancing Authority should not be included in the Reliability Functions section of the SAR. PRC-005 does not apply to a Balancing Authority.

Document Name:

Likes: 0

Dislikes: 0

Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment:

The revised SAR is much clearer than the previously posted version. In the "Detailed Description" section, bullet item #1, we believe that "PRC-002i" was intended to read "PRC-005-2i". If so, we see no need to consider PRC-005-2(i) in the implementation plan work of this SDT since FERC's approval of PRC-005-2(i) on 5/29/2015 has effectively already aligned the implementation plan of PRC-005-2(i) with that of the now retired PRC-005-2.

In the "Reliability Functions" section, we believe the Balancing Authority (BA) function was checked in error. If not, the reasoning behind expanding the applicability of PRC-005 to the BA should be explained in the SAR.

Document Name:

Likes: 0

Dislikes: 0

Oshani Pathirane - Hydro One Networks, Inc. - 1,3 - NPCC

Selected Answer: Yes

Answer Comment:

Hydro One recognizes the fact that the wording in the Objectives, and in particular, the addition of 'definitions' has been added to align with the recommendation made on the previously proposed SAR.

Document Name:

Likes: 1 Hydro One Networks, Inc., 1, Farahbakhsh Payam

Dislikes: 0

Payam Farahbakhsh - Hydro One Networks, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
James Nail	City of Independence, Missouri	SPP	3,5
Jamison Cawley	Nebraska Public Power District	MRO	1,3,5
Robert Hirschak	Cleco Power	SPP	1,3,5,6
Mike Kidwell	Empire District Electric	SPP	1,3,5
Jason Smith	Southwest Power Pool	SPP	2
Ashley Stringer	Oklahoma Municipal Power Authority	SPP	4
J. Scott Williams	City Utilities of Springfield	SPP	1,4
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1

Voter Information

Voter	Segment
Jason Smith	2
Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter	Segment
Colby Bellville	1,3,5,6
Entity	Region(s)
Duke Energy	FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Scott Langston - Tallahassee Electric (City of Tallahassee, FL) - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Karen Webb - Tallahassee Electric (City of Tallahassee, FL) - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Williams - Tallahassee Electric (City of Tallahassee, FL) - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer: Yes

Answer Comment:

On page 2 of the proposed SAR, strike the following sentence: "The SDT shall also consider changes to the standard and supporting documents that provide consistency and alignment with other Reliability Standards."

On page 3 of the proposed SAR, change "[m]odify the informative Supplementary Reference Document (provided as a technical reference for PRC-005-3) as necessary to provide application guidance to industry" to "[m]odify the informative Supplementary Reference Document (provided as a technical reference for PRC-005-3) as necessary to provide application guidance to industry pertaining to changes supporting FERC Order 803."

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

2. The PSMTSDT has proposed revising the definition of “Automatic Reclosing” and “Component Type” to address the FERC directive in Order 803. Do you agree that the proposed revised definitions? If not, please provide specific comments regarding the revision and any suggestions for alternatives to address the directive.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Gul Khan - Oncor Electric Delivery - 2 - TRE

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment:
See comments for Question 1 above.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Puztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	Region(s)
Exelon	

Selected Answer: No

Answer Comment:

At ComEd, the overwhelming majority of the reclosing relays for BES Elements are microprocessor based and have the supervisory functionality built into the reclosing relay. Additionally, the majority of our solid state relays for BES elements have the supervisory functionality built into the reclosing relay. Although the standard meets the intention of FERC Order 803, the term "supervisory relay" refers to an antiquated methodology. It seems that "supervisory functionality" would be more appropriate. ComEd would prefer that the NERC standard changed the definition of Automatic Reclosing in the standard to state: "Automatic Reclosing Equipment - Equipment which automatically restores a BES Element(s) after a Protection System Operation. This equipment includes the device which issues the actual reclose pulse, any supervisory functionality (e.g, voltage check, sync check, or timing), any voltage sensing devices associated with the supervisory functionality, and any control circuitry necessary for the automatic reclosing to perform as designed. Note that the purpose of including Automatic Reclosing Equipment in the PRC-005 standard is to ensure that a premature close is not issued to a circuit breaker, not to ensure that a non-RAS circuit breaker actually recloses."

Document Name:

Likes: 0

Dislikes:

0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	Region(s)
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Stanley Beasley - Georgia Transmission Corporation - 1 - SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Molly Devine - IDACORP - Idaho Power Company - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Venona Greaff - Oxy - Occidental Chemical - 7 -

Selected Answer: Yes

Answer Comment:

OCC commends the project team for updating the definition of "Automatic Reclosing" to directly align with the Commission's order. The previous version was open-ended in our view, and could apply to other supervisory functions beyond voltage and synch control that have no effect on BES reliability.

Document Name:

Likes: 0

Dislikes: 0

Jeri Freimuth - APS - Arizona Public Service Co. - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

David Greene - SERC Reliability Corporation - 1 - SERC

Group Information

Group Name: SERC PCS

Group Member Name	Entity	Region	Segments
Paul Nauert	Ameren	SERC	1
Charlie Fink	Entergy	SERC	1
David Greene	SERC staff	SERC	10

Voter Information

Voter David Greene **Segment** 1

Entity SERC Reliability Corporation **Region(s)** SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

David Jendras - Ameren - Ameren Services - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2007-17.4

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Robert Pellegrini	The United Illuminating Company	NPCC	1
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1

Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	Region(s)
Northeast Power Coordinating Council	NPCC

Selected Answer: No

Answer Comment:

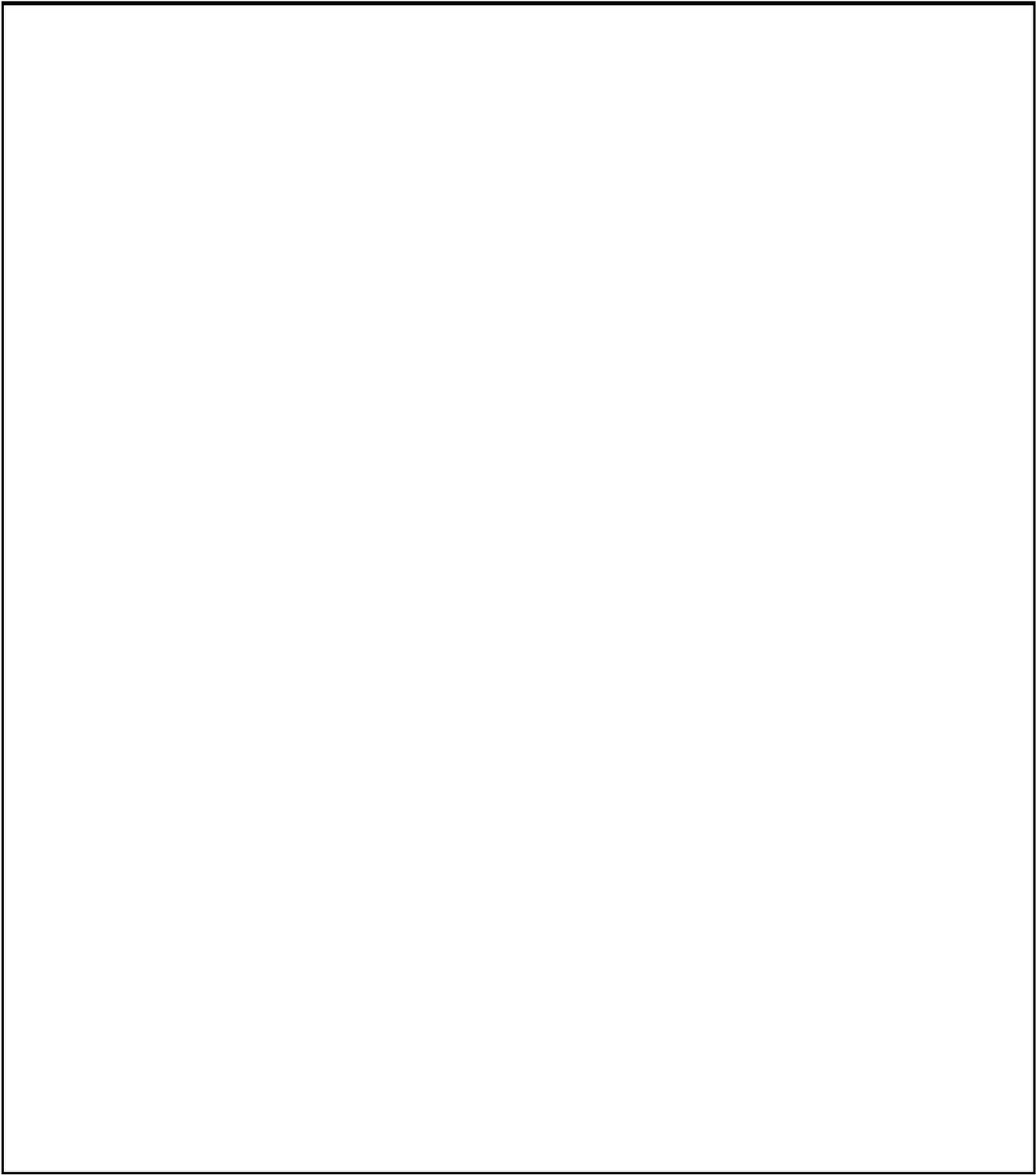
The definition of Automatic Reclosing should have words to describe what Automatic Reclosing is in addition to the components that comprise it. Suggest wording similar to: Automatic Reclosing is a control scheme or system for automatically closing circuit breakers that have automatically tripped in response to abnormal system conditions. The PSMTSDT should consider changing the nomenclature of what is to be defined to "Automatic Reclosing System".

The listing of new definitions in Section 6 of the Introduction of the Standard is inconsistent with other NERC standards which have them listed on the Definitions of Terms Used in Standard page.

Document Name:

Likes: 0

Dislikes: 0



Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: No

Answer Comment:

We do not agree with the addition of “Voltage sensing devices associated with the supervisory relay(s)” to the Automatic Reclosing definition, and believe these devices are beyond the scope of the FERC directive. We recommend removing the third bullet of the Automatic Reclosing definition, and modifying the second bullet of the Component Type to read “Any one of the three specific elements of Automatic Reclosing.”

Document Name:

Likes: 0

Dislikes: 0

Oshani Pathirane - Hydro One Networks, Inc. - 1,3 - NPCC

Selected Answer: No

Answer Comment:

Although Hydro One is generally satisfied with the existing definition of “Automatic Reclosing” as it includes the 4 major components constituting its functionality, the definition could further add to it the general intention of Automatic Reclosing.

Hydro One is also satisfied that the definition of “Component Type” has been extended to include all four components of an auto-reclose scheme (reclose relay, supervisory relay – voltage and synchro check, voltage sensing devices, and control circuits).

Document Name:

Likes: 0

Dislikes: 0

Payam Farahbakhsh - Hydro One Networks, Inc. - 1 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
James Nail	City of Independence, Missouri	SPP	3,5
Jamison Cawley	Nebraska Public Power District	MRO	1,3,5
Robert Hirschak	Cleco Power	SPP	1,3,5,6
Mike Kidwell	Empire District Electric	SPP	1,3,5
Jason Smith	Southwest Power Pool	SPP	2
Ashley Stringer	Oklahoma Municipal Power Authority	SPP	4
J. Scott Williams	City Utilities of Springfield	SPP	1,4
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1

Voter Information

Voter	Segment
Jason Smith	2
Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter	Segment
Colby Bellville	1,3,5,6
Entity	Region(s)
Duke Energy	FRCC,SERC,RFC

Selected Answer: No

Answer Comment:

Duke Energy suggests that additional language be provided to the definition or perhaps the Supplementary Reference/FAQ document which further clarifies that supervisory devices do not include SCADA/SCADA control. Specifically, the last bullet in the proposed definition of Automatic Reclosing could be misunderstood to mean SCADA supervisory control. It may be helpful to provide more detail into what constitutes said "supervisory relay" similar to the scope that NERC proposed in its NOPR comments to FERC, and which FERC approved, that stated that:

"supervisory devices to be encompassed in the Reliability Standard are those providing voltage supervision, supervisory inputs associated with selective auto-reclosing, and sync-check relays that are part of a reclosing scheme covered by PRC-005-3."

We feel that adding more detailed language, as provided above, may decrease the possibility of misinterpretation or the wrongful inclusion of areas such as SCADA control into the scope of this standard.

Document Name:

Likes: 0

Dislikes: 0

Scott Langston - Tallahassee Electric (City of Tallahassee, FL) - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Karen Webb - Tallahassee Electric (City of Tallahassee, FL) - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Williams - Tallahassee Electric (City of Tallahassee, FL) - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

3. The PSMTSDT has added Table 4-3 to address maintenance activities and intervals for voltage sensing devices associated with supervisory relays. Do you agree with the proposed table? If not, please provide specific comments regarding the table and any suggestions for alternative language.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Gul Khan - Oncor Electric Delivery - 2 - TRE

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment: Closing circuitry devices that are to be excluded should be specifically stated in the Standard.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Puztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter **Segment**

Chris Scanlon 1

Entity **Region(s)**

Exelon

Selected Answer: No

Answer Comment:

We agree with the intervals and the intent. We do not agree with the names in the Component Attributes because of our disagreement with the Automatic Reclosing Definition. See our response in #2.

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	Region(s)
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Stanley Beasley - Georgia Transmission Corporation - 1 - SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Molly Devine - IDACORP - Idaho Power Company - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Venona Greaff - Oxy - Occidental Chemical - 7 -

Selected Answer: Yes

Answer Comment:

OCC agrees that the maintenance activities and intervals are consistent with all the other Protection System components subject to PRC-005-6.

Document Name:

Likes: 0

Dislikes: 0

Jeri Freimuth - APS - Arizona Public Service Co. - 1,3,5,6 - WECC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

David Greene - SERC Reliability Corporation - 1 - SERC

Group Information

Group Name: SERC PCS

Group Member Name	Entity	Region	Segments
Paul Nauert	Ameren	SERC	1
Charlie Fink	Entergy	SERC	1
David Greene	SERC staff	SERC	10

Voter Information

Voter David Greene **Segment** 1

Entity SERC Reliability Corporation **Region(s)** SERC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: Yes

Answer Comment:

There are no questions provided regarding Table 4-1 and the following appeared to fit here best. Please clarify the following: In Table 4-1, is it correct to assume "preceding row" as referenced on page 35 is referencing all the Component Attributes for the 12 Calendar Years "row" ? Or just certain aspects of the "preceding row" (e.g. supervisory relay attributes ONLY)?

Document Name:

Likes: 0

Dislikes: 0

David Jendras - Ameren - Ameren Services - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2007-17.4

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Robert Pellegrini	The United Illuminating Company	NPCC	1
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1

Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	Region(s)
Northeast Power Coordinating Council	NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: No

Answer Comment:

As stated above, we do not agree with the addition of “Voltage sensing devices associated with the supervisory relay(s)” to the revised Automatic Reclosing definition. Therefore we believe Table 4-3 is unnecessary. In the event that “Voltage sensing devices associated with the supervisory relay(s)” remains a part of the revised definition, we believe the maintenance interval for that component type is already addressed in Table 1-3. Minor wording changes to Table 1-3 would be preferable to having two tables that address the same component type.

Document Name:

Likes: 0

Dislikes: 0

Oshani Pathirane - Hydro One Networks, Inc. - 1,3 - NPCC

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Payam Farahbakhsh - Hydro One Networks, Inc. - 1 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
James Nail	City of Independence, Missouri	SPP	3,5
Jamison Cawley	Nebraska Public Power District	MRO	1,3,5
Robert Hirschak	Cleco Power	SPP	1,3,5,6
Mike Kidwell	Empire District Electric	SPP	1,3,5
Jason Smith	Southwest Power Pool	SPP	2
Ashley Stringer	Oklahoma Municipal Power Authority	SPP	4
J. Scott Williams	City Utilities of Springfield	SPP	1,4
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1

Voter Information

Voter	Segment
Jason Smith	2
Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter	Segment
Colby Bellville	1,3,5,6
Entity	Region(s)
Duke Energy	FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Scott Langston - Tallahassee Electric (City of Tallahassee, FL) - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Karen Webb - Tallahassee Electric (City of Tallahassee, FL) - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Williams - Tallahassee Electric (City of Tallahassee, FL) - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

4. The PSMTSDT has made revisions to the Supplementary Reference and FAQ Document. Do you agree with the proposed revisions? If not, please provide specific comments regarding the revisions and any suggestions for alternative language.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Gul Khan - Oncor Electric Delivery - 2 - TRE

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment:

We have been told numerous times that the Supplementary Reference and FAQ are not part of the Standard; however, for clarity the newly added closing circuitry devices (components) that require periodic maintenance should be strictly defined, and those closing devices excluded from maintenance should be clearly stated in the Standard. As a suggestion, a typical closing circuit diagram could be shown in the Supplementary Reference illustrating the closing circuitry device inclusions and exclusions. As to the use of inclusions and exclusions, these were used to better define the BES definition as completely defined by the BES SDT, as an example.

Document Name:

Likes: 1 Tallahassee Electric (City of Tallahassee, FL), 5, Webb Karen

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Puztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

However, ATC has the following clarifications:

The first Frequently-asked Question in Section 15.8.1 (page 101) contains a typographical error. The last sentence should read, "Automatic Reclosing is included in the PSMP because it is a more pragmatic approach as compared to creating a parallel and essentially identical 'Control System Maintenance Program for the four Automatic Reclosing component types."

Also, ATC recommends revising the response to the question, "Do we have to test the various breaker closing circuit interlocks and controls such as anti-pumps?" (p. 102) to strike the second sentence that states, "They are indirectly verified by performing the Automatic Reclosing control circuitry verification as established in Table 4." This statement is inaccurate.

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	Region(s)
Exelon	

Selected Answer: Yes

Answer Comment: As mentioned above in #2, we do not agree with the definition of Automatic Reclosing, otherwise FAQ is okay.

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	Region(s)
MRO	MRO

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Stanley Beasley - Georgia Transmission Corporation - 1 - SERC

Selected Answer: Yes

Answer Comment:

On page 103, the bullet "27 or 59 – supervisory contact from a undervoltage of overvoltage" has a typo. "of" should be "or". Also, please see SERC PCS comments.

Document Name:

Likes: 0

Dislikes: 0

Molly Devine - IDACORP - Idaho Power Company - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Venona Greaff - Oxy - Occidental Chemical - 7 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jeri Freimuth - APS - Arizona Public Service Co. - 1,3,5,6 - WECC

Selected Answer: No

Answer Comment:

Excitation and voltage regulating systems should not be classified as Protection Systems, rather these should more accurately be classified as control systems with protection functionality. AZPS recommends removing the guidance that would include these devices within this standard.

Document Name:

Likes: 0

Dislikes: 0

David Greene - SERC Reliability Corporation - 1 - SERC

Group Information

Group Name: SERC PCS

Group Member Name	Entity	Region	Segments
Paul Nauert	Ameren	SERC	1
Charlie Fink	Entergy	SERC	1
David Greene	SERC staff	SERC	10

Voter Information

Voter David Greene **Segment** 1

Entity SERC Reliability Corporation **Region(s)** SERC

Selected Answer: Yes

Answer Comment:

1) NERC Glossary defines "Control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices." But Control circuitry is also one of the Components for Automatic Reclosing, which is a control function. For protective functions the extent of the 'Control circuitry' is clear. For Automatic Reclosing it is not as clear.

Please add another FAQ in section 15.8.1: 'What Control circuitry for Automatic Reclosing must be maintained?'

Answer: As noted on page 12 of the SAMS/SPCS report, the concern being addressed within the standard is premature auto reclosing that has the potential to cause generating unit or plant instability. Responsible entities will need to verify all parts of the Control circuitry that could cause a premature closing command to the breaker close circuitry. Permissive or supervisory contacts like device 86b, 43 control switch, or 79 cutoff, and the breaker anti-pump circuitry are generally outside of the intended Control circuitry, and would not need to be verified. The wiring connecting the supervisory devices 25, 27 or 59 to Automatic Reclosing device 79 is generally within the intended Control circuitry, and would need to be verified.'

2) Change the page 110 Figure 1 & 2 Legend – Components of Protection Systems as follows:

For row 2 state 'including most sync check systems' in the Excludes column rather than deleting 'sync check systems'. PRC-005-6 will only include a few sync check systems;

3) Also add or clearly identify the control circuitry for automatic reclosing, supervisory relay and voltage sensing devices to Figure 1 to help identify the applicable circuitry. This could be a separate figure identifying these components if not feasible to add to Figure 1.

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: No

Answer Comment: Texas RE noticed the document references PRC-005-4. Is this correct? PRC-005-6 is only referenced once on a "Requirements Flowchart" diagram on page 23.

Document Name:

Likes: 0

Dislikes: 0

David Jendras - Ameren - Ameren Services - 3 -

Selected Answer: Yes

Answer Comment: Ameren supports and agrees with the SERC PCS / Region – Project-2015-05 PRC-005-06 FERC Order 803 Comments for Question #4 and includes them by reference.

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2007-17.4

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Robert Pellegrini	The United Illuminating Company	NPCC	1
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1

Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	Region(s)
Northeast Power Coordinating Council	NPCC

Selected Answer:

Answer Comment:

From page 7 of the Supplementary Reference and FAQ Document:

“What is synchronizing or synchronism (Sync-Check - (25)) - check relay (Sync-Check - 25)?

A synchronizing device that produces an output that supervises closure of a circuit breaker between two circuits whose voltages are within prescribed limits of magnitude and, phase angle. It may or may not include voltage or speed control. A sync-check relay permits the paralleling of two circuits that are within prescribed (usually wider) limits of voltage magnitude and, phase angle.”

Suggest replacing “paralleling” with “connecting”.

From page 106:

“Is it necessary to verify the close signal operates the breaker?”

Only when the control circuitry associated with automatic reclosing is a part of a RAS, then all paths that are essential for proper operation of the RAS must be verified, per table 4-2(b).”

It is good practice when testing to ensure that a close signal operates a breaker regardless of whether it is part of a RAS or not.

Document Name:

Likes: 0

Dislikes: 0

Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment: Entergy supports comments by SERC PCS group.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment: 1) The NERC Glossary of Terms definition for Protection System includes “Control circuitry associated with protective functions through the trip coil(s) of the circuit breakers or other interrupting devices.” Control circuitry is also one of the Component Types listed in the Automatic Reclosing definition, which is a control function. For protective functions the extent of the ‘Control circuitry’ is clear, but for Automatic Reclosing it is not as clear. Please add the following FAQ / response to section 15.8.1 to help clarify:

Question: ‘What Control circuitry for Automatic Reclosing must be maintained?’

Answer: As noted on page 12 of the SAMS/SPCS report, the concern being addressed within the standard is premature auto reclosing that has the potential to cause generating unit or plant instability. Responsible entities will need to verify all parts of the Control circuitry that could cause a premature closing command to the breaker close circuitry. Permissive or supervisory contacts like device 86b, 43 control switch, or 79 cutoff, and the breaker anti-pump circuitry are generally outside of the intended Control circuitry, and would not need to be verified. The wiring connecting the supervisory devices 25, 27 or 59 to Automatic Reclosing device 79 is generally within the intended Control circuitry, and would need to be verified.’

2) Please change the page 110 “Figure 1 & 2 Legend – Components of Protection Systems” table as follows:

For row 2, replace the strikethrough with ‘including most sync check systems’ in the Excludes column rather than deleting ‘sync check systems’. PRC-005-6 will only include a few sync check systems.

3) Please add or clearly identify the control circuitry for automatic reclosing, supervisory relay and voltage sensing devices to Figure 1 to help identify the applicable circuitry. This could be a separate figure identifying these components if not feasible to add to Figure 1.

Document Name:

Likes: 0

Dislikes: 0

Oshani Pathirane - Hydro One Networks, Inc. - 1,3 - NPCC

Selected Answer: No

Answer Comment:

In the definition of a synchronizing device, Hydro One agrees with the NPCC TFSP in that the word “paralleling” used to describe the closing effect of connecting two circuits upon the close of a circuit breaker should perhaps be replaced by “connecting” .

Document Name:

Likes: 0

Dislikes: 0

Payam Farahbakhsh - Hydro One Networks, Inc. - 1 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
James Nail	City of Independence, Missouri	SPP	3,5
Jamison Cawley	Nebraska Public Power District	MRO	1,3,5
Robert Hirschak	Cleco Power	SPP	1,3,5,6
Mike Kidwell	Empire District Electric	SPP	1,3,5
Jason Smith	Southwest Power Pool	SPP	2
Ashley Stringer	Oklahoma Municipal Power Authority	SPP	4
J. Scott Williams	City Utilities of Springfield	SPP	1,4
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1

Voter Information

Voter Jason Smith **Segment** 2

Entity Southwest Power Pool, Inc. (RTO) **Region(s)** MRO,SPP

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter	Segment
Colby Bellville	1,3,5,6
Entity	Region(s)
Duke Energy	FRCC,SERC,RFC

Selected Answer: No

Answer Comment:

Duke Energy is of the belief that the addition made on page 26-27 of the Supplementary Reference Document concerning the protection function that is embedded in a Generator’s voltage regulator, appears to be a significant change/addition to the established scope of the standard. If an expansion of the scope of the standard was the intent of the addition, we recommend that a revision be made to Section 2.4 “Applicable Relays”. The existing verbiage in Section 2.4 is not sufficiently clear that a generator exciter or generator voltage regulator can be a relay. The variants of the term relay includes electromechanical relay, numerical relay, microprocessor relay, sudden pressure relay, reclosing relay, others and now generator exciter and generator voltage regulator. Additionally, Duke recommends that a change of this significance, if an expansion of scope was intended, be included in a revision of the PRC-005 standard itself in Section 4.2 “Facilities” with associated implementation, and not addressed in a Supplementary Reference Document.

Also, Duke Energy suggests that clarification is needed regarding the following question and answer that has been added on page 107 of the Supplementary Reference and FAQ Document. The question is as follows:

“My reclosing circuitry contains the following inputs listed below; what supervising relays would need to be tested per PRC-005?”

We feel that the question is a bit confusing/misleading, and seems to mix subject matter. Is it the drafting team’s intent that the control circuitry must also be tested in the example? If so, should the control circuitry be added to the answer given? If it was the drafting team’s intent to separate the supervisory relays from the control circuitry, then the answer would appear to be appropriate, but the question appears to mix the two. Combining supervisory relays with control circuitry and not keeping them separate, as they have been in parts of the standard, may lead to confusion amongst industry stakeholders.

Document Name:

Likes: 1 Tallahassee Electric (City of Tallahassee, FL), 5, Webb Karen

Dislikes: 0

Scott Langston - Tallahassee Electric (City of Tallahassee, FL) - 1 -

Selected Answer: No

Answer Comment:

Page 26 of the FAQ seemingly expands the testing and maintenance requirements of PRC-005 to include generator components that have not previously been the subject of PRC-005. It is not clear what gap in reliability exists between the testing of the generator relays that is currently required under existing standards and the generator control systems referenced in the FAQ. Additionally, if the scope of PRC-005 is to be expanded, an FAQ document is not the appropriate instrument to do so.

Document Name:

Likes: 2 Tallahassee Electric (City of Tallahassee, FL), 5, Webb Karen
Tallahassee Electric (City of Tallahassee, FL), 3, Williams John

Dislikes: 0

Karen Webb - Tallahassee Electric (City of Tallahassee, FL) - 5 -

Selected Answer: No

Answer Comment:

Page 26 of the FAQ seemingly expands the testing and maintenance requirements of PRC-005 to include generator components that have not previously been the subject of PRC-005. It is not clear what gap in reliability exists between the testing of the generator relays that is currently required under existing standards and the generator control systems referenced in the FAQ. Additionally, if the scope of PRC-005 is to be expanded, an FAQ document is not the appropriate instrument to do so.

Document Name:

Likes: 2 Tallahassee Electric (City of Tallahassee, FL), 3, Williams John
Tallahassee Electric (City of Tallahassee, FL), 1, Langston Scott

Dislikes: 0

John Williams - Tallahassee Electric (City of Tallahassee, FL) - 3 -

Selected Answer: No

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer: No

Answer Comment:

On pages 26-27 of the redlined version of the Supplementary Reference and FAQ, do not add the paragraphs regarding protection functions that are embedded in a Generator's voltage regulator. This addition is inconsistent with the purpose of the proposed SAR. Furthermore, it is unclear how many in the industry interpreted a voltage regulator or excitation system, or elements thereof, as a protective relay when the industry previously balloted the current definition of a Protection System.

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

5. The PSMTSDT has proposed combining the Implementation Plans for previous versions of PRC-005 (including PRC-005-3, PRC-005-3i, PRC-005-3ii, PRC-005-4 and PRC-005-5). Do you agree with the proposed Implementation Plan? If not, please provide specific comments regarding the Implementation Plan and any suggestions for alternative language.

John Fontenot - Bryan Texas Utilities - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Thomas Foltz - AEP - 5 -

Selected Answer:

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Kaleb Brimhall - Colorado Springs Utilities - 5 -

Selected Answer: Yes

Answer Comment:

We agree with the PSMTSDT on combining the Implementation Plans for the previous versions of PRC-005. However, we request that NERC formally recommend that FERC delay the enforcement of the earlier versions of this standard until PRC-005-6 has been finalized (balloted and implemented) in the NERC Standards Development Process. In our opinion, the various versions of this standard has caused confusion amongst the industry on what goals need to be accomplished by each of the drafting teams assigned to the development of the respective standards. We firmly believe that this suggested approach will be productive and efficient in getting all goals met in the standards development process especially, in reference to this particular family of standards.

Finally, we would suggest to the drafting team in reference all the newly defined terms added to PRC-005-6 that they ensure these terms are included into

relevant documentation such as: The NERC Glossary of Terms, and Rules of Procedure (RoP) so they will be aligned properly.

Document Name:

Likes: 0

Dislikes: 0

Gul Khan - Oncor Electric Delivery - 2 - TRE

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Maryclaire Yatsko - Seminole Electric Cooperative, Inc. - 1,3,4,5,6 - FRCC

Selected Answer: No

Answer Comment:

There is an inconsistency in the use of April 1st and January 1st dates for compliance. The January 1st dates eliminate at least one full quarter of time allowed for compliance maintenance activities. All references to January 1st dates in the implementation plan should be changed to April 1st dates for items 2, 3, 4, and 5 on page 6 of the Implementation Plan.

Document Name:

Likes: 0

Dislikes: 0

Mike Smith - Manitoba Hydro - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrew Puztai - American Transmission Company, LLC - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Chris Scanlon - Exelon - 1 -

Group Information

Group Name: Exelon Utilities

Group Member Name	Entity	Region	Segments
Chris Scanlon	BGE, ComEd, PECO TO's	RFC	1
John Bee	BGE, ComEd, PECO LSE's	RFC	3

Voter Information

Voter	Segment
Chris Scanlon	1
Entity	Region(s)
Exelon	

Selected Answer: Yes

Answer Comment:

We strongly agree with combining the Implementation Plans for the various versions of PRC-005.

Other Comments: We are providing a comment about a section of PRC-005 not directly related to the SAR. We find the wording of the exclusion for 4.2.7.1 & 4.2.7.2 to be very confusing, and don't understand the basis for it. Automatic Reclosing addressed in Section 4.2.7.1 and 4.2.7.2 may be excluded if the equipment owner can demonstrate that a close-in three-phase fault present for twice the normal clearing time (capturing a minimum trip-close-trip time delay) does not result in a total loss of gross generation in the Interconnection exceeding the gross capacity of the largest relevant BES generating unit where the Automatic Reclosing is applied. As we understand it, normal clearing time at a generating station is typically 4 to 5 cycles. There may be some exceptions for faults on certain lines, but in general a 3-phase fault lasting 8 to 10 cycles would likely result in units at generating plant to be unstable.

Document Name:

Likes: 0

Dislikes: 0

Emily Rousseau - MRO - 1,2,3,4,5,6 - MRO

Group Information

Group Name: MRO-NERC Standards Review Forum (NSRF)

Group Member Name	Entity	Region	Segments
Joe Depoorter	Madison Gas & Electric	MRO	3,4,5,6
Amy Casucelli	Xcel Energy	MRO	1,3,5,6
Chuck Lawrence	American Transmission Company	MRO	1
Chuck Wicklund	Otter Tail Power Company	MRO	1,3,5
Theresa Allard	Minnkota Power Cooperative, Inc	MRO	1,3,5,6
Dave Rudolph	Basin Electric Power Cooperative	MRO	1,3,5,6
Kayleigh Wilkerson	Lincoln Electric System	MRO	1,3,5,6
Jodi Jenson	Western Area Power Administration	MRO	1,6
Larry Heckert	Alliant Energy	MRO	4
Mahmood Safi	Omaha Public Utility District	MRO	1,3,5,6
Marie Knox	Midwest ISO Inc.	MRO	2
Mike Brytowski	Great River Energy	MRO	1,3,5,6
Randi Nyholm	Minnesota Power	MRO	1,5
Scott Nickels	Rochester Public Utilities	MRO	4
Terry Harbour	MidAmerican Energy Company	MRO	1,3,5,6
Tom Breene	Wisconsin Public Service Corporation	MRO	3,4,5,6
Tony Eddleman	Nebraska Public Power District	MRO	1,3,5

Voter Information

Voter	Segment
Emily Rousseau	1,2,3,4,5,6
Entity	Region(s)
MRO	MRO

Selected Answer: Yes

Answer Comment:

NSRF strongly supports the proposal to align the Implementation Plans for the previous versions of PRC-005 into a single PRC-005-6 Implementation Plan. A single implementation plan will help the industry avoid tracking and maintaining multiple implementation and completion schedules associated with each component type is added when each version becomes effective. NSRF appreciates PSMTSDT's effort on this proposal.

Document Name:**Likes:** 0**Dislikes:** 0

Stanley Beasley - Georgia Transmission Corporation - 1 - SERC

Selected Answer: Yes

Answer Comment:

Balancing Authority should be removed from the SAR as one of the applicable entities since the standard does not apply to the BA.

We also disagree with the general considerations section on page 3 because it states that “each registered entity must be prepared to identify...Automatic Reclosing and Sudden Pressure Relaying” while implementing PRC-005-2. These items were added in PRC-005-3 and PRC-005-4. As a result, in accordance with the implementation plan, identification would not be required until these requirements became effective as a part of PRC-005-6.

While we agree with the concept of the combined implementation plan, we believe clarity could be added to the implementation plan. Since PRC-005-6 will simply supersede all revisions inclusive of PRC-005-2 onward (including all revisions of PRC-005-3, PRC-005-4, and PRC-005-5), a single reference to the PRC-005-2 implementation plan could greatly simplify the proposed PRC-005-6 implementation plan. For example, something along the lines of “**All Components with existing requirements under PRC-005-2 will continue to follow the PRC-005-2 implementation plan. Those Components and/or Facilities newly introduced by PRC-005-6 (including Sudden Pressure Relaying, Automatic Reclosing Components, and Distributed Generation Resources) will be covered by the following implementation plan:**” followed by the timelines laid out beneath each PRC-005-6 heading in the existing implementation plan draft. We believe such wording would provide some improved clarity. Also, please see SERC PCS comments.

Document Name:

Likes: 0

Dislikes: 0

Molly Devine - IDACORP - Idaho Power Company - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Venona Greaff - Oxy - Occidental Chemical - 7 -

Selected Answer: Yes

Answer Comment:

OCC supports the project team's proposal to consolidate the implementation plans for the five in-process PRC-005 standards. We believe that without a combined implementation plan, extensive confusion could result as each version independently takes effect. OCC finds the consolidated implementation plan to be clear and the time frames reasonable.

Document Name:

Likes: 0

Dislikes: 0

Jeri Freimuth - APS - Arizona Public Service Co. - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

David Greene - SERC Reliability Corporation - 1 - SERC

Group Information

Group Name: SERC PCS

Group Member Name	Entity	Region	Segments
Paul Nauert	Ameren	SERC	1
Charlie Fink	Entergy	SERC	1
David Greene	SERC staff	SERC	10

Voter Information

Voter David Greene **Segment** 1

Entity SERC Reliability Corporation **Region(s)** SERC

Selected Answer: Yes

Answer Comment: We agree with the PSMTSDT on combining the Implementation Plans for the previous versions of PRC-005 (including PRC-005-3, PRC-005-3i, PRC-005-3ii, PRC-005-4 and PRC-005-5). We are concerned that FERC approval will occur too late to avert PRC-005-3 implementation, which is effective 4/1/2016. The SDT timeline is to file PRC-005-6 with FERC in December 2015. Therefore, we request that NERC formally recommend that FERC delay the enforcement of the earlier versions of this standard until PRC-005-6 has been finalized (balloted and implemented) in the NERC Standards Development Process. In our opinion, the various versions of this standard has caused confusion amongst the industry on what goals need to be accomplished by each of the drafting teams assigned to the development of the respective standards. We firmly believe that this suggested approach will be productive and efficient in getting all goals met in the standards development process especially, in reference to this particular family of standards.

The comments expressed herein represent a consensus of the views of the above-named members of the SERC EC Protection and Control Subcommittee

only and should not be construed as the position of SERC Reliability Corporation, its board, or its officers.

Document Name:

Likes: 0

Dislikes: 0

Rachel Coyne - Texas Reliability Entity, Inc. - 10 -

Selected Answer: No

Answer Comment: Texas RE noticed the Implementation Plan has no reference to Table 4-3 implementation requirements.

Document Name:

Likes: 0

Dislikes: 0

David Jendras - Ameren - Ameren Services - 3 -

Selected Answer: Yes

Answer Comment:

While we do agree, we are concerned that FERC approval will occur too late to avert PRC-005-3 implementation, which is effective 4/1/2016. The SDT timeline is to file PRC-005-6 with FERC in December 2015. Furthermore, since we prefer to begin a Calendar Year on January 1st our plan is to begin PRC-005-3 on 1/1/2016.

Document Name:

Likes: 0

Dislikes: 0

Lee Pedowicz - Northeast Power Coordinating Council - 10 - NPCC

Group Information

Group Name: NPCC--Project 2007-17.4

Group Member Name	Entity	Region	Segments
Alan Adamson	New York State Reliability Council, LLC	NPCC	10
David Burke	Orange and Rockland Utilities Inc.	NPCC	3
Greg Campoli	New York Independent System Operator	NPCC	2
Sylvain Clermont	Hydro-Quebec TransEnergie	NPCC	1
Kelly Dash	Consolidated Edison Co. of New York, Inc.	NPCC	1
Gerry Dunbar	Northeast Power Coordinating Council	NPCC	10
Mark Kenny	Northeast Utilities	NPCC	1
Helen Lainis	Independent Electricity System Operator	NPCC	2
Alan MacNaughton	New Brunswick Power Corporation	NPCC	9
Paul Malozewski	Hydro One Networks Inc.	NPCC	1
Bruce Metruck	New York Power Authority	NPCC	6
Lee Pedowicz	Northeast Power Coordinating Council	NPCC	10
Robert Pellegrini	The United Illuminating Company	NPCC	1
Si Truc Phan	Hydro-Quebec TransEnergie	NPCC	1
David Ramkalawan	Ontario Power Generation, Inc.	NPCC	5
Brian Robinson	Utility Services	NPCC	8
Wayne Sipperly	New York Power Authority	NPCC	5
Edward Bedder	Orange and Rockland Utilities Inc.	NPCC	1
Peter Yost	Consolidated Edison Co. of New York, Inc.	NPCC	3
Michael Jones	National Grid	NPCC	1

Brian Shanahan	National Grid	NPCC	1
Michael Forte	Consolidated Edison Co. of New York, Inc.	NPCC	1
Glen Smith	Entergy Services, Inc.	NPCC	5
Brian O'Boyle	Consolidated Edison Co. of New York, Inc.	NPCC	8
RuiDa Shu	Northeast Power Coordinating Council	NPCC	10
Connie Lowe	Dominion Resources Services, Inc.	NPCC	5
Guy Zito	Northeast Power Coordinating Council	NPCC	10
Silvia Parada Mitchell	NextEra Energy, LLC	NPCC	5

Voter Information

Voter	Segment
Lee Pedowicz	10
Entity	Region(s)
Northeast Power Coordinating Council	NPCC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Oliver Burke - Entergy - Entergy Services, Inc. - 1 -

Selected Answer: Yes

Answer Comment: Entergy supports comments by SERC PCS group.

Document Name:

Likes: 0

Dislikes: 0

Dennis Chastain - Tennessee Valley Authority - 1,3,5,6 - SERC

Selected Answer: Yes

Answer Comment: We agree with the PSMTSDT on combining the Implementation Plans for the previous versions of PRC-005 (including PRC-005-3, PRC-005-3i, PRC-005-3ii, PRC-005-4 and PRC-005-5). We are concerned that FERC approval will occur too late to avert PRC-005-3 implementation, which is effective 4/1/2016. The SDT timeline is to file PRC-005-6 with FERC in December 2015. Therefore, we request that NERC formally recommend that FERC delay the enforcement of the earlier versions of this standard until PRC-005-6 has been finalized (balloted and implemented) in the NERC Standards Development Process. In our opinion, the various versions of this standard has caused confusion within the industry on what goals need to be accomplished by each of the drafting teams assigned to the development of the respective standards. We firmly believe that this suggested approach will be productive and efficient in getting all goals met in the standards development process, especially with respect to this collection of standards.

Document Name:

Likes: 0

Dislikes: 0

Oshani Pathirane - Hydro One Networks, Inc. - 1,3 - NPCC

Selected Answer: Yes

Answer Comment:

Hydro One also agrees with the IESO (Ontario) that although we generally agree with combining the subsequent Implementation Plans, we would like to reserve our judgment when the standard and its Implementation Plan are re-posted for formal comments and balloting.

Document Name:

Likes: 0

Dislikes: 0

Payam Farahbakhsh - Hydro One Networks, Inc. - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Jason Smith - Southwest Power Pool, Inc. (RTO) - 2 - MRO,SPP

Group Information

Group Name: SPP Standards Review Group

Group Member Name	Entity	Region	Segments
Shannon Mickens	Southwest Power Pool	SPP	2
James Nail	City of Independence, Missouri	SPP	3,5
Jamison Cawley	Nebraska Public Power District	MRO	1,3,5
Robert Hirschak	Cleco Power	SPP	1,3,5,6
Mike Kidwell	Empire District Electric	SPP	1,3,5
Jason Smith	Southwest Power Pool	SPP	2
Ashley Stringer	Oklahoma Municipal Power Authority	SPP	4
J. Scott Williams	City Utilities of Springfield	SPP	1,4
Ellen Watkins	Sunflower Electric Power Corporation	SPP	1

Voter Information

Voter	Segment
Jason Smith	2
Entity	Region(s)
Southwest Power Pool, Inc. (RTO)	MRO,SPP

Selected Answer: Yes

Answer Comment:

We agree with the PSMTSDT on combining the Implementation Plans for the previous versions of PRC-005. However, we request that NERC formally recommend that FERC delay the enforcement of the earlier versions of this standard until PRC-005-6 has been finalized (balloted and implemented) in the NERC Standards Development Process. In our opinion, the various versions of this standard has caused confusion amongst the industry on what goals need to be accomplished by each of the drafting teams assigned to the development of the respective standards. We firmly believe that this suggested approach will be productive and efficient in getting all goals met in the standards development process, especially in reference to this particular family of standards.

Finally, we would suggest the drafting team review all the newly defined terms added to PRC-005-6 in order to ensure these terms are included in relevant documentation such as The NERC Glossary of Terms and Rules of Procedure (RoP) so they will be aligned properly.

Document Name:

Likes: 0

Dislikes: 0

Leonard Kula - Independent Electricity System Operator - 2 -

Selected Answer: Yes

Answer Comment:

We generally agree with the proposed implementation plan, but reserve our judgment when the standard and its implementation plan are posted for formal comment and balloting. Note that the March 31, 2027 date throughout the Implementation Plan document could be a typo.

Document Name:

Likes: 0

Dislikes: 0

Colby Bellville - Duke Energy - 1,3,5,6 - FRCC,SERC,RFC

Group Information

Group Name: Duke Energy

Group Member Name	Entity	Region	Segments
Doug Hils	Duke Energy	RFC	1
Lee Schuster	Duke Energy	FRCC	3
Dale Goodwine	Duke Energy	SERC	5
Greg Cecil	Duke Energy	RFC	6

Voter Information

Voter	Segment
Colby Bellville	1,3,5,6
Entity	Region(s)
Duke Energy	FRCC,SERC,RFC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Scott Langston - Tallahassee Electric (City of Tallahassee, FL) - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Karen Webb - Tallahassee Electric (City of Tallahassee, FL) - 5 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Williams - Tallahassee Electric (City of Tallahassee, FL) - 3 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

John Merrell - Tacoma Public Utilities (Tacoma, WA) - 1 -

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

Andrea Jessup - Bonneville Power Administration - 1,3,5,6 - WECC

Selected Answer: Yes

Answer Comment:

Document Name:

Likes: 0

Dislikes: 0

