Southwest Power Pool

TRANSMISSION WORKING GROUP MEETING

September 10, 2014

Net Conference

• Summary of Action Items •

1. Staff approved the CIP-002-5 methodology

Southwest Power Pool

TRANSMISSION WORKING GROUP MEETING

September 10, 2014

Net Conference

• M I N U T E S •

Agenda Item 1 – Administrative Items

SPP Vice Chair Travis Hyde called the meeting to order at 9:00 a.m. The following members were in attendance (Attachment 1 – Attendance) or represented by proxy:

Mo Awad, Westar Energy, Inc.
Scott Benson, Lincoln Electric System
John Boshears, City Utilities of Springfield
John Fulton, Southwestern Public Service Co.
Joe Fultz, Grand River Dam Authority
Travis Hyde, Oklahoma Gas & Electric
Dan Lenihan, Omaha Public Power District
Randy Lindstrom, Nebraska Public Power District
Jim McAvoy, Oklahoma Municipal Power Authority
Matt McGee, American Electric Power
Michael Mueller, Arkansas Electric Cooperative Corporation
John Payne, Kansas Electric Power Cooperative, Inc.
Tim Smith, Western Farmers Electric Cooperative
Keith Tynes, GDS Associates representing ETEC proxy for Jason Shook
Michael Wegner, ITC Great Plains proxy for Alan Myers
Harold Wyble, Kansas City Power and Light

Kirk Hall, SPP Staff, confirmed that there was a quorum

Agenda Item 2 – CIP-002-5 Methodology

Michael Odom, SPP staff, presented the draft methodology to the group (Attachment 2a, 2b – CIP-002-5.1 Planning Coordinator Methodology presentation, CIP-002-5.1 Planning Coordinator Methodology document). The group discussed the applicability of criterion 2.9 and agreed that the Planning Coordinator wasn't applicable under this criterion. The group then discussed the addition of language to clarify the timeline of the models used in the methodology. Language to explain that under-voltage facilities are measured at the bus level was added to language under Criterion 2.3. A footnote with an example was added to the document. All verbiage changes were captured in the methodology during the meeting.

Mo Awad made a motion to approve the CIP-002-5 Methodology as modified. Travis Hyde seconded the motion. The motion passed unopposed.

Agenda Item 3 – NERC Activity Update

Shannon Mickens, SPP staff, provided an update to the group (Attachment 3 – NERC Activities Update).

Agenda Item 4 – Discussion on Future Meetings

Kirk Hall discussed the results of the meeting poll. The group discussed and agreed to a conference call on Wednesday, September 24th from 8:30-11:30 a.m.

The meeting was adjourned at 9:57 a.m.

Respectfully Submitted,

Kirk Hall
Secretary

Southwest Power Pool, Inc.

TWG NET CONFERENCE

September 10th, 2014

Net Conference – Little Rock, Arkansas

• A G E N D A •

9:00 a.m. – 11:00 p.m.

1. CIP-002-5 Methodology (Action Item) .....Michael Odom (45 min.)
2. NERC Activities Update..... Shannon Mickens (10 min.)
3. Add Additional TWG Meeting Date..... Kirk Hall (5 min.)

All sessions in Central Daylight Time (Chicago, GMT-05:00)

Session detail for 'TWG Net Conference - 9/10/2014':

Participant	Name	Email	IP Address	Browser	Date	Invited	Registered	Start time
1	Shaun Scot	smscott@s	198.22.156	WINDOWS	########	No	N/A	8:46 AM
2	David Spar	dpspargo@	141.246.2.(	WINDOWS	########	No	N/A	8:50 AM
3	Steve Hard	hardebsm@	167.161.10	WINDOWS	########	No	N/A	8:51 AM
4	Michael W	mwegner@	12.106.168	WINDOWS	########	No	N/A	8:52 AM
5	Jordan Sch	jordan.h.sc	192.234.13	WINDOWS	########	No	N/A	8:53 AM
6	Jonathan H	jhayes@sp	198.22.156	WINDOWS	########	No	N/A	8:54 AM
7	Kyle Watso	kwatso2@(	198.8.4.11	WINDOWS	########	No	N/A	8:54 AM
8	John Boshe	john.boshe	66.119.2.2	WINDOWS	########	No	N/A	8:55 AM
9	John Fultor	john.fulton	192.234.13	WINDOWS	########	No	N/A	8:55 AM
10	Robert Saf	rsafuto@ce	173.172.75	WINDOWS	########	No	N/A	8:56 AM
11	Harold Wyl	harold.wyb	144.73.9.6	WINDOWS	########	No	N/A	8:56 AM
12	Mo Awad	mo.awad@	138.230.25	WINDOWS	########	No	N/A	8:56 AM
13	Travis Hyd	hydetd@o	167.161.10	WINDOWS	########	No	N/A	8:56 AM
14	Josh Verzal	jverzal@op	141.246.2.(	WINDOWS	########	No	N/A	8:57 AM
15	Jerry Brads	jerry.brads	66.119.2.2	WINDOWS	########	No	N/A	8:57 AM
16	Michael M	michael.m	173.160.11	WINDOWS	########	No	N/A	8:57 AM
17	John Allen	john.allen@	66.119.2.2	WINDOWS	########	No	N/A	8:58 AM
18	Matt McGe	mcmcgee@	161.235.19	WINDOWS	########	No	N/A	8:58 AM
19	Gimod Ola	golapurayil	12.106.168	WINDOWS	########	No	N/A	8:58 AM
20	Tony Gott (	tgott@aeci	69.27.134.:	WINDOWS	########	No	N/A	9:00 AM
21	Tim C. Smit	t_smith@w	69.151.48.:	WINDOWS	########	No	N/A	9:01 AM
22	Scott Bens	sbenson@l	204.145.8.:	WINDOWS	########	No	N/A	9:01 AM
23	Dan Leniha	djlenihan@	141.246.2.(	WINDOWS	########	No	N/A	9:01 AM
24	Kevin Fofly	kevin.fofly@	66.119.2.2	WINDOWS	########	No	N/A	9:01 AM
25	Randy Lind	rrlinds@np	192.132.20	WINDOWS	########	No	N/A	9:02 AM
26	J Fultz	jfultz@grd	69.27.128.:	WINDOWS	########	No	N/A	9:02 AM
27	noumvi gh	noumvi.gh	168.166.67	WINDOWS	########	No	N/A	9:03 AM
28	John Payne	jpayne@ke	67.63.236.(	WINDOWS	########	No	N/A	9:03 AM
29	Jim McAvo	jmcavoy@(	66.210.186	WINDOWS	########	No	N/A	9:05 AM
30	David Pelo	david.pelo	159.108.53	WINDOWS	########	No	N/A	9:07 AM
31	Gayle Nans	nansel@wa	205.254.14	WINDOWS	########	No	N/A	9:07 AM
32	Sandeep Ba	sbaidwan@	76.116.158	WINDOWS	########	No	N/A	9:08 AM
33	Don	don.le@ne	155.109.35	WINDOWS	########	No	N/A	9:10 AM
34	Jason Spee	jspeer@sp	198.22.156	WINDOWS	########	No	N/A	9:11 AM
35	Erik Winsa	ewinsand@	12.180.166	WINDOWS	########	No	N/A	9:16 AM
36	reene mira	rene.miran	192.234.13	WINDOWS	########	No	N/A	9:20 AM
37	Jeff Knotte	jeff.knottel	66.119.2.2	WINDOWS	########	No	N/A	9:23 AM
38	Eric Burkey	eburkey@a	199.38.133	WINDOWS	########	No	N/A	9:26 AM
39	ed pfeiffer	epfeiffer@	75.70.85.9	WINDOWS	########	No	N/A	9:59 AM

CIP-002-5 Draft methodology

Michael Odom

501-688-8205

modom@spp.org

Steady State Planning

SPP Southwest Power Pool

Helping our members work together to keep the lights on... today and in the future

Overview

- MOPC Action Item 211:
  - Procedures for identification of generating resources that are required to avoid Adverse Reliability Impacts
- CIP-002-5 effective: April 1, 2016 for High/Medium impact systems
- Two Planning Coordinator related criterion
  - Criterion 2.3 & Criterion 2.6
- Updated methodology based on TWG and RCWG feedback

Draft methodology for Criteria 2.3 & 2.6

- **Criterion 2.3**
  - ***"Each generation Facility that its Planning Coordinator or Transmission Planner designates, and informs the Generator Owner or Generator Operator, as necessary to avoid an Adverse Reliability Impact in the planning horizon of more than one year."***
- **Criterion 2.6**
  - ***"Generation at a single plant location or Transmission Facilities at a single station or substation location that are identified by its Reliability Coordinator, Planning Coordinator, or Transmission Planner as critical to the derivation of Interconnection Reliability Operating Limits (IROLs) and their associated contingencies."***

Edits based on TWG and RCWG feedback

- Added review and feedback period to criteria
- Criterion 2.3
  - Initial N-1 analysis reasoning
  - Description of 20 or more BES facilities determination
  - Language to clarify that if a generator is under the SPP PC it is applicable to the PC CIP-002-5 methodology
  - Replaced BES Cyber Systems with generation Facilities required to avoid an Adverse Reliability Impact
- Criterion 2.6
  - Replaced BES Cyber Systems with generation or Transmission Facilities

Draft methodology summary for CIP-002-5

- Planning Coordinator analysis
  - Potential Reliability Must Run (RMR) identification
  - Potential Interconnection Reliability Operating Limits (IROL) identification
  - Analysis to be performed once CIP-002-5 methodology is approved by MOPC
  - Results communicated as soon as possible

~~Draft~~ SPP CIP – 002 – 5 Planning ~~BES Cyber Systems Identification Methodology in Compliance with~~Coordinator ~~CIP – 002 – 5~~Methodology

Process Owner: Steady State Planning
Date: 9~~8~~/03~~1~~/2014

Contents

1. Introduction

Pursuant to SPP's function as Planning Coordinator, SPP has developed this methodology to meet the applicable requirements set forth in criteria 2.3 and 2.6 of Attachment 1 in the NERC CIP-002-5 standard. A 2nd year planning horizon model will be used to capture a more accurate system topology while providing the Reliability Coordinator with insight to Facilities ~~units~~ which should be considered ~~possible BES Cyber Systems~~ in the Reliability Coordinator's analysis in the subsequent year.

2. Criterion 2.3

"Each generation Facility that its Planning Coordinator or Transmission Planner designates, and informs the Generator Owner or Generator Operator, as necessary to avoid an Adverse Reliability Impact in the planning horizon of more than one year."

The NERC definition of an Adverse Reliability Impact is an event that results in Bulk Electric System instability or Cascading.

Criterion 2.3 analysis will incorporate a 2~~nd~~ year out[1] planning horizon model based upon the year when the study will be completed and also identify generators that are designated as must run for reliability purposes beyond the local area.[2] Trial simulations were ~~ran~~run to identify a feasible number of BES buses greater than 100 kV~~Facilities~~ that could be used as a threshold to classify generators that are not considered necessary for local voltage support, but as ~~BES Cyber Systems~~ generation Facilities required to avoid an Adverse Reliability Impact~~units~~. An under-voltage condition of twenty or more BES buses greater than 100 kV ~~F~~facilities ~~(Transformers, Branches, Generators)~~ was chosen to properly identify generation Ff~~a~~cilities beyond the local area that might lead to an Adverse Reliability Impact. This list of must run units is also referred to as the generation Facilities required to avoid an Adverse Reliability Impact.~~BES Cyber Systems~~~~required units~~ ~~list~~ ~~for generation facilities~~~~for generation facilities.~~

[1] For example, if the study is performed in 2014 then the model would be a 2016 summer peak MDWG model

[2] In specifying a planning horizon of one year or more, the intent is to ensure that those are units that are identified as a result of a "long term" reliability planning, i.e that the plans are spanning an operating period of at least 12 months: it does not mean that the operating day for the unit is necessarily beyond one year, but that the period that is being planned for is more than 1 year: it is specifically intended to avoid designating generation that is required to be run to remediate short term emergency reliability issues. These Facilities may be designated as "Reliability Must Run," and this designation is distinct from those generation Facilities designated as "must run" for market stabilization purposes. Because the use of the term "must run" creates some confusion in many areas, the drafting team chose to avoid using this term and instead drafted the requirement in more generic reliability language. In particular, the focus on preventing an Adverse Reliability Impact dictates that these units are designated as must run for reliability purposes beyond the local area. Those units designated as must run for voltage support in the local area would not generally be given this designation. In cases where there is no designated Planning Coordinator, the Transmission Planner is included as the Registered Entity that performs this designation. If it is determined through System studies that a unit must run in order to preserve the reliability of the BES, such as due to a Category C3 contingency as defined in TPL-003,then BES Cyber Systems for that unit are categorized as medium impact. Please see page 25 of CIP-002-5.1 pdf dated 11/22/13 on nerc.com.

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An annual planning horizon engineering study will be performed to determine a ~~BES Cyber Systems~~ list of Facilities ~~required units for generation facilities~~identified by the ~~related to~~ CIP-002-5 Criterion 2.3 designation in the SPP Planning Coordinator footprint. As part of the annual study, a preliminary (N-1) analysis of the study model will be performed to identify contingent BES Facilities that meet the ~~BES Cyber Systems~~ criteria below. A secondary (G-1, N-1) analysis of the study model will be performed to identify generation Facilities required to avoid an Adverse Reliability Impact~~units~~. If a generator Facility is identified in the secondary (G-1, N-1) analysis, but in the preliminary (N-1) analysis the associated contingent BES Facilities caused the under-voltage condition, the correlating generator will be excluded from the list. Generation Facilities required to avoid an Adverse Reliability Impact ~~UnitsBES Cyber Systems designated as must run generators~~ beyond the local area will be identified based upon the following criteria~~:~~on:

1. When a contingency analysis (G-1, N-1) identifies an under-voltage condition characterized by bus voltages of less than 90% across 20 or more BES buses greater than 100 kV~~Ffacilities~~.

The ~~BES Cyber Systems required units~~ list for generation F~~f~~acilities designated by the Planning Coordinator and Reliability Coordinator will be combined in a single document for each Generator Owner or Generator Operator that has been identified as having ~~a required generation facility~~ generation Facilities required to avoid an Adverse Reliability Impact ~~BES Cyber System~~. The planning horizon ~~BES Cyber Systems~~ list for generation Facilities required to avoid an Adverse Reliability Impact ~~generation facilities~~ will be generated with the finalization of the CIP-002-5 study results. ~~AssetsUnits~~ The list of generation Facilities identified by the SPP Planning Coordinator may also be identified by another Planning Coordinator. ~~uni~~ If SPP is the Planning Coordinator for the generation Facility on the list then the SPP CIP-002-5 Planning Coordinator Methodology is applicable. ~~t~~The list of generation~~2.3~~ Facilities will be made accessible from a secure website. SPP Planning Coordinator will notify the applicable Generator Owners or Generator Operators~~,~~ after establishment of the list and will allow a period of review and comments before finalization. SPP Planning Coordinator will provide notification of list updates during the next CIP-002-5 assessment cycle.

The i~~I~~dentified ~~BES Cyber Systems~~ list of generation Facilities required to avoid an Adverse Reliability Impact ~~required units for Generation Facilities~~ will be reviewed ~~annually,~~ and updated annually not to exceed 15 months~~a minimum of once per year~~.

3. Criterion 2.6

"Generation at a single plant location or Transmission Facilities at a single station or substation location that are identified by its Reliability Coordinator, Planning Coordinator, or Transmission Planner as critical to the derivation of Interconnection Reliability Operating Limits (IROLs) and their associated contingencies."

The NERC definition of an IROL is a System Operating Limit that, if violated, could lead to instability, uncontrolled separation, or Cascading outages that adversely impact the reliability of the Bulk Electric System.

IROLs that are violated can impact the reliability of the Bulk Electric System and therefore are designated as necessary to avoid Adverse Reliability Impacts.

Criterion 2.6 analysis will incorporate a 2~~nd~~ year out[3] planning horizon model based upon the year when the study will be completed and also identify generation or T~~t~~ransmission F~~f~~acilities that are designated as confirmed IROLs.

An annual planning horizon engineering study will be performed to determine a ~~required units~~BES ~~Cyber Systems~~ list of ~~for transmission~~ generation or Transmission F~~f~~acilities related to CIP-002-5 Criterion 2.6 designation in the SPP Planning Coordinator footprint. Existing SPP Planning Horizon IROL identification processes allow for system adjustments to be made under single and multiple contingency conditions based upon the language from SPP Criteria 12.3.2[4].

[3] For example, if the study is performed in 2014 then the model would be a 2016 summer peak MDWG model

[4] *"To prepare for the next Contingency, system adjustments may be made, including changes to generation, uses of the transmission system, and the transmission system topology."*

"In determining the system's response to a single Contingency starting with all facilities operated in their normal operating condition, the following shall be acceptable:

a. Planned or controlled interruption of electric supply to radial customers or some local network customers connected to or supplied by the Faulted Facility or by the affected area. System reconfiguration should be implemented to minimize the interruption of electric supply to the extent possible.

b. System reconfiguration through manual or automatic control or protection actions."

"In determining the system's response to any of the multiple contingencies identified in Reliability standard TPL-003, in addition to the actions identified in (a) and (b) above, the following shall be acceptable:

a. Planned or controlled interruption of electric supply to customers (load shedding) the planned removal from service of certain generators, and/or curtailment of contracted firm electric power transfers. System reconfiguration should be implemented to minimize the interruption of electric supply to the extent possible."

~~Units~~~~BES Cyber Systems~~Generation or Transmission Facilities designated as IROLs will be identified based upon the following SPP criteria unless system adjustments mitigate the post-contingency violation(s):

1. Potential IROLs will be investigated when a contingency analysis highlights a thermal overload in excess of 120% of the SOL of the monitored facility.

2. Potential IROLs will also be investigated when a contingency analysis highlights an under-voltage condition characterized by bus voltages of less than 90% across three or more BES facilities.

The potential IROL condition will be reviewed further by evaluating the system response to the loss of the SOL violated facility. The original potential IROL contingency will be assumed to be a confirmed IROL condition if the evaluation reveals that the ensuing SOL violated facility contingency results in another BES facility being overloaded to greater than 120% of its SOL or three or more additional BES facilities with bus voltages in the area experiencing projected post contingency voltages less than 90%, unless there are studies or system knowledge that the SOL is not an IROL.

The planning horizon ~~required unit~~~~BES Cyber Systems~~ list of ~~for~~ generation or T~~t~~ransmission F~~f~~acilities will be generated with the finalization of the CIP-002-5 study results. The ~~required unit~~~~BES Cyber Systems~~ list of ~~for~~ generation or T~~t~~ransmission F~~f~~acilities designated by the Planning Coordinator and Reliability Coordinator will be combined in a single document for each Generator Owner, Generator Operator, Transmission Owner, or Transmission Operator that has been identified as having a generation or transmission F~~f~~acility which meets the 2.6 criteria above~~BES Cyber System~~. The list of generation or Transmission ~~Faciliites~~Facilities will be made accessible from a secure website. SPP Planning Coordinator will notify the applicable Generator Owners, Generator Operators, Transmission Owners, or Transmission Operators after establishment of the list of generation or Transmission Facilities, and will allow a period of review and comments before finalization. SPP Planning Coordinator ~~and~~ will provide notification of list updates during the next CIP-002-5 assessment cycle.

~~The identified required units BES Cyber Systems list of Generation Facilities will be reviewed annually, and updated a minimum of once per year.~~

The identified list of generation or Transmission Facilities will be reviewed and updated annually not to exceed 15 months.

NERC Reliability Standard Activities Update – September 10, 2014

Posted for Ballot

Project 2007-17.3 Protection System Maintenance and Testing - Phase 3 (Sudden Pressure Relays): The Protection System Maintenance and Testing Standard Drafting Team (SDT) has posted a revised draft PRC-005-X Protection System, Automatic Reclosing and Sudden Pressure Relaying Maintenance standard for a 45-day formal comment and ballot period ending on September 12, 2014. This standard was developed in response to a directive from FERC directing NERC to include transformer sudden pressure relays in PRC-005-3. As a follow-up to this ruling, the Planning Committee studied sudden pressure relays and issued a technical report, which recommends moving ahead with the standard. Specifically, the System Protection and Control Subcommittee (SPCS) completed a technical report recommending that the SDT modify PRC-005 to explicitly address maintenance and testing of the actuator device of the sudden pressure relay when applied as a protective device that trips a facility described in the applicability section of the Reliability Standard. A draft of this standard was posted earlier this spring for stakeholder comment. Based on comments received, the SDT has revised the proposed standard and has reposted for comment and ballot. The SPP Reliability Standards Department has scheduled a WebEx/Conference Call for Thursday afternoon, August 28, 2104 during which member and staff comments on the proposed standard will be compiled for filing with the drafting team.

Project 2008-02 Undervoltage Load Shedding and Underfrequency Load Shedding: The Underfrequency Load Shedding Standard Drafting Team (UFLS SDT) has posted a proposed PRC-006-2 Underfrequency Load Shedding standard for a 45-day formal comment and initial ballot period that ends on October 8, 2014. This initial draft addresses an outstanding FERC directive and includes proposed changes resulting from a review of PRC-006-1 to determine if any steady state modifications, such as Paragraph 81 criteria and recommendations of the Independent Expert Review Panel, are needed. Specifically, the SDT is to revise PRC-006-1 to address the directive included in FERC Order No. 763 and to provide clear, unambiguous design and documentation requirements for automatic UFLS programs. This work will be done in concert with the current efforts underway by the UVLS SDT in order to ensure overall consistency and alignment for these protection systems programs. The SPP Reliability Standards Department has scheduled a WebEx/Conference Call for Thursday morning, September 18, 2104 during which member and staff comments on the proposed standard will be compiled for filing with the drafting team.

Project 2010-13.3 Phase 3 of Relay Loadability: Stable Power Swings: A revised draft of PRC-026-1 Relay Performance During Stable Power Swings has been posted for a 45-day formal comment period and additional ballot ending on October 6, 2014. Changes to the revised standard are based on comments received during its last posting this past spring. Phase 3 of the Relay Loadability project is focused on developing a new Reliability Standard, PRC-026-1 – Stable Power Swing Relay Loadability, to address protective relay operations during stable

power swings. This Reliability Standard will establish requirements aimed at preventing protective relays from operating unnecessarily during stable power swings by requiring the use of protective relay systems that can differentiate between faults and stable power swings and, when necessary, phases-out relays that cannot meet this requirement. The SPP Reliability Standards Department has scheduled a WebEx/Conference Call for Wednesday morning, September 17, 2104 during which member and staff comments on the proposed standard will be compiled for filing with the drafting team.

Project 2010-14.1 Balancing Authority Reliability-based Controls: Reserves: The Balancing Authority Reliability-based Control Standard Drafting Team (BARC SDT) has posted a revised BAL-002-2 Disturbance Control Performance standard for a 45-day formal comment period and additional ballot ending on October 2, 2014. Changes have been made to provide additional clarity in the Applicability, Requirements R1 and R2 and the Background Document. These changes are based on comments received during the last posting of the standard late last year. The SPP Reliability Standards Department has scheduled a WebEx/Conference for Monday afternoon, September 15, 2104 during which member and staff comments on the proposed standard will be compiled for filing with the drafting team.

Project 2014-01 Standards Applicability for Dispersed Generation Resources: Earlier this spring, the Standards Applicability for Dispersed Generation Resources Standard Drafting Team (DGR SDT) posted a white paper based upon its review of the applicability of certain standards that currently apply to a Generator Owner (GO)/Generator Operator (GOP) and the requirements of certain GO/GOP standards indicating where revisions may be necessary to recognize the unique technical and reliability aspects of dispersed generation in order to ensure the applicability of the standards is consistent with the reliable operation of the Bulk Electric System (BES). The white paper explained the SDT's analysis process. Based on the review and comments received on the white paper, the DGR SDT identified three 'high-priority' standards requiring revisions. The DGR SDT posted proposed revisions to the applicability of two of the three high-priority standards – PRC-005 (versions -2, -3, and –X) Protection System Maintenance and VAR-002 (versions -2b and -3) Generator Operation for Maintaining Network Voltage Schedules – on June 12, 2014 for a 45-day formal comment and initial ballot period ending on July 28, 2014. That comment and initial ballot period ended successfully with all the standards being approved. The third 'high-priority' standard identified as needing revision, PRC-004-2.1a Analysis and Mitigation of Transmission and Generation Protection System Misoperations and PRC-004-3 Protection System Misoperation Identification and Correction, was posted for a 45-day formal comment and initial ballot period on July 29, 2014. The SPP Reliability Standards Department held a WebEx/Conference Call on Tuesday, August 19, 2014 during which member and staff comments on the proposed standard were compiled for filing with the drafting team. Thirty-six (36) people registered for the call with nineteen (19) actually on the call. Comments will be filed prior to the end of the comment/ballot period.

Project 2014-03 Revisions to TOP and IRO Standards: The TOP/IRO Revisions Standard Drafting Team (SDT) has posted a revised package of nine (9) standards including three (3) revised TOP standards, five (5) revised IRO standards and one (1) new IRO standard for a 45-day comment

and additional ballot period ending on September 19, 2104. Changes to these standards are based on comments received during a previous posting which ended on July 2, 2014. This project is in response to the November 21, 2013 FERC Notice of Proposed Rulemaking (NOPR), proposing to remand TOP-001-2 – Transmission Operations, TOP-002-3 – Operations Planning, TOP-003-2 – Operational Reliability Data, and PRC-001-2 – System Protection Coordination as well as IRO-001-3 – Responsibilities and Authorities, IRO-002-3 – Analysis Tools, IRO-005-4 – Current Day Operations, and IRO-014-2 – Coordination Among Reliability Coordinators. NERC requested that FERC delay action on the NOPR until January 31, 2015 to provide NERC and the industry the opportunity to thoroughly examine the technical concerns raised in the NOPR and afford time to review the proposed TOP and IRO Standards through the NERC standards development process to ensure that a technically justified set of solutions is in place for reliability. FERC granted NERC's request. NERC held a technical conference in Sacramento, CA on August 12, 2014 to present the proposed changes. The SPP Reliability Standards Department has scheduled a WebEx/Conference Call for Friday morning, September 5, 2014 in order to compile member and staff comments for filing with the drafting team prior to the end of the comment period. Westar's Allen Klassen and Robert Rhodes are members of the SDT for this project.

Recently Posted for Ballot

Project 2009-03 Emergency Operations: The Emergency Operations Standard Drafting Team (EOP SDT) posted a revised EOP-011-1 Emergency Operations standard for a 45-day formal comment and initial ballot period ending on August 15, 2014. The SDT revised a previous draft of EOP-011-1 based on stakeholder comments received during an earlier posting this past spring. That draft merged existing standards (EOP-002-2.1b Emergency Operations Planning, EOP-002-3.1 Capacity and Energy Emergencies and EOP-003-2 Load Shedding Plans) to create EOP-011-1. The purpose of EOP-011-1 is to mitigate the effects of operating Emergencies, up to and including manual Load shedding, by implementing Emergency Operating Plans. The standard streamlines the requirements for Emergency Operations for the BES into a clearer and more concise standard that is organized by Functional Entity in order to eliminate the ambiguity in previous versions. In addition, the revisions clarify the critical requirements for Emergency Operations, while ensuring strong communication and coordination across the Functional Entities. The SPP Reliability Standards Department held a WebEx/Conference Call on Wednesday, August 6, 2014 during which member and staff comments were compiled for filing with the drafting team. Fifty-one (51) people registered for the call with thirty-six (36) actually participating in the call. Twenty-four (24) people signed on in support of the comments which were filed on August 14, 2014. Ballot results have been tabulated with the draft standard receiving an approval rating of slightly over 42% from a quorum of over 77%. The drafting team will review the comments received and make appropriate changes prior to posting for an additional ballot and comment period.

Posted for Comment Only

There are no standards currently posted for comment only.

Recently Posted for Comment Only

Project 2010-14.2 Periodic Review of BAL Standards (BAL-005 and BAL-006): Earlier this spring, the Balancing Authority Reliability-based Controls (BARC) 2 Periodic Review Team (PRT) posted a draft SAR covering proposed revisions to BAL-005-0_2b Automatic Generation Control and BAL-006-2 Inadvertent Interchange for stakeholder comment. The draft SAR outlined the proposed scope and technical justification for the recommended revisions, which would be developed and balloted through the formal standard development process following the conclusion of the periodic review of the standards. The PRT has reviewed the comments received and incorporated them into a revised SAR, recommendations and standards. The PRT has posted these revised documents for a 30-day informal comment period ending on August 14, 2014. The SPP Reliability Standards Department held a WebEx/Conference Call on Thursday, August 7, 2014 during which member and staff comments on the proposed SAR were compiled for filing with the PRT. Twenty-two (22) people registered for the call with ten (10) actually participating on the call. Twelve (12) people signed on in support of the comments which were filed with the PRT on august 14, 2014.

Drafting Team Nominations Open

There are currently no vacancies on any drafting teams.

Other

Monitoring and Situational Awareness Conference: NERC is hosting its second Monitoring and Situational Awareness Conference on September 23-24, 2014 at the PJM Conference and Training Center in Aududon, PA. The theme of the conference – Sustaining EMS Reliability – focuses on industry practices for reducing EMS outages, alleviating the risk involved when outages occur and maintaining situational awareness.

NERC 2014 Fall Standards and Compliance Workshop: NERC is sponsoring its 2014 Standards and Compliance Fall Workshop at The Westin Buckhead Atlanta on September 23-25, 2014.

Grid Security Conference 2014 (GridSecCon IV): NERC is hosting its fourth annual Grid Security Conference (GridSecCon IV) on October 14-17, 2014 in San Antonio, TX. Training tracks in physical security and cyber security are planned for October 14. The main conference sessions with speakers and panels will be on October 15-16. Tours provided by the local host utility will be available for a limited number of attendees on October 17.