

WICF GOTO Focus Group Update

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Mesa, AZ

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GO TO Focus Group

- Coordinates WICF input to discussion(s) re: definition of Transmission Facilities
- Goal – Develop a collaborative compliance approach that can be applied to all current and future standards
 - Avoid gaps/ensure consistency across standards
- Liaise with NERC, FERC, NAGF, etc. regarding Generator lead lines

Diverse Group:

- Traditional Electric Utilities
- IPPs:
 - Fossil
 - Natural Gas
 - Hydro
 - Wind
 - Solar
- Joint Membership Power Agencies
- Municipalities
- G&T Co-ops
- Government Agencies
- WECC
- NERC

**Looking for New Members to Join
the Fun**



- Monthly meetings supported by diverse entities
- NERC and WECC participate as invited
- NERC taking lead on feasibility of developing a universal FAC-001 compliance template that is generator-specific
 - NERC confirmed limited applicability**
- WCC update (next slide)
- #1 success is undocumented sharing of experiences, practices, etc.

Project 2010-07 Standard Drafting Team Effort

- FAC-001-1, FAC-003-3, PRC-004-2.1a, and PRC-005-1.1b and all associated documents were adopted by NERC's Board of Trustees (BOT) in February and May 2012. The 4 standards were submitted to FERC for approval on July 30, 2012.
- The NERC filing contends that implementation of this initiative would resolve any perceived reliability gaps associated with generator leads.

SAR Proposal turned whitepaper

- Plans to address the term "Interconnection Facilities" in all future standards development
- Definition of term Interconnection Facilities
- SAR supported by NERC, WECC, and WICF SC
- Coordinating with NAGF

White Paper

- WICF GOTO White Paper on Interconnection Facilities [link](#)
- NERC has agreed to collaborate on the issue
 - Standards Committee meeting Jan 17: committee agreed to keep the generator interconnection facilities applicability in front of drafting teams by delegating responsibility to the NERC Standard Developers; determining the best long term method for keeping it in the development process; NERC will provide a formal response to the paper in the near future

➤ WECC Support

- Steve Rueckert of WECC stated: “I am going to push for adoption of the concepts in the white paper (which seems in line with the NERC position...). I will suggest that new drafting team orientation includes a review of the interconnection facilities issues, and that NERC facilitators are instructed to continually consider this and remind both new and existing teams. I believe that will go a long way in getting where we want to be.”

- FAC-001-1 is one of the four updated standards from Project 2010-07 that was sent to FERC for approval and is a **new standard** for applicable Generator Owners (with an executed Agreement to evaluate the reliability impact of interconnecting a third party Facility to the Generator Owner's existing Facility that is used to interconnect to the interconnected Transmission systems), which was pointed out to Jack Wiseman

- Requires that each applicable GO shall, within 45 days of having an executed Agreement to evaluate the reliability impact of interconnecting a third party Facility to the Generator Owner's existing Facility that is used to interconnect to the interconnected Transmission systems (under FAC-002-1), document and publish its Facility connection requirements to ensure compliance with NERC Reliability Standards and applicable Regional Entity, subregional, Power Pool, and individual Transmission Owner planning criteria and Facility connection requirements.

➤ NERC Support

- CRWG discussion Jan 22-23: Jack Wiseman of NERC agreed to discuss the idea of NERC supporting some form of uniform/consistent template/process for FAC-001-1 R.2 to guide entities in promoting the required evaluation in a timely and compliant fashion; outcome to be communicated

BES Definition Impact on Project 2010-07

- FERC Order states in part: We approve exclusion E1 conditions (b) and (c). However, we direct NERC to implement exclusion E1 so that the exclusions for radial systems do not apply to tie-lines for bulk electric system generators identified in inclusion I2. (from Section 164).
 - **I2 Generator's tie-lines will NOT be excluded from BES by E1**
- FERC Order states in part: In general, we believe that it is appropriate to have the bulk electric system contiguous, without facilities or elements "stranded" or "cut-off" from the remainder of the bulk electric system as shown in the figure below. (from Section 165).
 - **A Radial System with BES Generation included in the Core Definition is ineligible for exclusion E1**

- NERC Ad Hoc Group Effort

<http://www.nerc.com/page.php?cid=2%7C247%7C307>

- NERC Project 2010-07 Standard Drafting Team Effort

http://www.nerc.com/filez/standards/Project2010-07_GOTO_Project.html

- Project 2010-07 Technical Justification Document

http://www.nerc.com/docs/standards/sar/2012_04_23_Technical_Just_Resource_Doc_clean.pdf

Reference Links

- NERC Directive #2011-CAG-001

<http://www.nerc.com/files/GO%20TO%20Directive%2010.07.11.pdf>

- NERC Directive #2011-CAG-001 Supporting Docs

<http://www.nerc.com/page.php?cid=3|22>

- NERC Project 2010-07 Filing to FERC

http://www.nerc.com/files/FINAL_FINAL_GOTO%20Petition_7-30-12_COMPLETE.pdf

- FERC Decisions

- New Harquahala Docket #:

http://elibrary.ferc.gov/idmws/File_list.asp?document_id=13612015

- Milford Docket #: RC11-1 and Cedar Creek Docket #: RC11-2

http://elibrary.ferc.gov/idmws/File_list.asp?document_id=13972082

- Holland Docket #: RC11-5

http://elibrary.ferc.gov/idmws/File_list.asp?document_id=14014543

- BES Definition Docket #RM12-6-000

http://elibrary.ferc.gov/idmws/file_list.asp?document_id=14076667

Thank you!

Questions?

Come Join
in the Fun!!

New Members Welcome

Contact Leland McMillan if interested

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