



IEEE P1564 Voltage Sag Indices Task Force Meeting

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IEEE P1564 Task Force Meeting

Agenda

- Introductions
- Patent Notice
- Task Force Overview
- Updates to Web Site
- Minutes from Memphis Meeting
- Results of P1564/D18 Ballot
- Resolution of Comments
- Next Steps and Next Meeting

Patent Related Links

- All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.
- Patent Policy is stated in these sources:
 - IEEE-SA Standards Boards Bylaw
 - <http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>
 - IEEE-SA Standards Board Operations Manual
 - <http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>
 - Material about the patent policy is available at
 - <http://standards.ieee.org/about/sasb/patcom/materials.html>

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

This slide set is available at <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>

Call for Potentially Essential Patents

- If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:
 - Either speak up now or
 - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or
 - Cause an LOA to be submitted

Other Guidelines for IEEE WG Meetings

- All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
 - Don't discuss the interpretation, validity, or essentiality of patents/patent claims.
 - Don't discuss specific license rates, terms, or conditions.
 - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - Technical considerations remain primary focus
 - Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
 - Don't discuss the status or substance of ongoing or threatened litigation.
 - Don't be silent if inappropriate topics are discussed ... do formally object.
- See IEEE-SA Standards Board Operations Manual, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

IEEE P1564 Task Force Overview

IEEE Power & Energy Society

- Transmission and Distribution Committee
 - Power Quality Subcommittee
 - Working Group on Power Quality Solutions
 - P1564 Task Force on Voltage Sag Indices

IEEE P1564 Task Force Overview

Status

- Title
 - IEEE Guide for Voltage Sag Indices
- Scope
 - This guide identifies appropriate voltage sag indices and characteristics as well as the methods for calculating them. Methods are provided for quantifying the severity of individual events (single-event characteristics), for quantifying the performance at a specific location (single-site indices), and for quantifying the performance of the whole system (system indices). Multiple methods are presented for each. The methods are appropriate for use in transmission, distribution, and utilization electric power systems.
- Purpose
 - This document identifies and defines different characteristics and indices. It does not recommend the use of a specific set of indices, but instead recommends the method for calculating specific indices when such an index is used. The large variation in customers sensitive to voltage sags and power providers supplying them makes it impossible to prescribe a specific set of indices. Instead this document aims at assisting in the choice of index and ensuring reproducibility of the results after a certain index has been chosen. The user of this document may decide to calculate the value for just one index or for a number of different indices, depending on the application.
- PAR Status
 - In December 2010, IEEE NesCom approved our request for an extension until December 2013
- Chair: Dan Sabin
- Secretary: Rich Bingham
- Ballot Status
 - IEEE P1564 /D18 balloted 2 January to 2 February 2013
 - Recirculation Planned for July - August 2013

IEEE P1564 Task Force Overview

- Web Site
 - Task Force Web Site:
<http://grouper.ieee.org/groups/sag/>
- Meetings Page
 - <http://grouper.ieee.org/groups/sag/meetings.html>
 - Meeting notes posted for January 2013 meeting in Memphis.
- P1564 Drafts
 - <http://grouper.ieee.org/groups/sag/drafts.html>
 - Draft 18 posted in December 2012.

Minutes from IEEE P1564 Task Force Meeting on 14 January 2013

- Meeting was attended by about fifteen people in Memphis, Tennessee.
- Chair reported that a new ballot pool was formed in July 2012. IEEE Standards reviewed the pool in September 2012 and confirmed it was “balanced”.
- Chair edited IEEE P1564 in August 2012 and created the ballot draft.
- Chair uploaded IEEE P1564/D18 in December 2012 and posted the draft to the task force web site in January 2013. This draft was reviewed at the Memphis meeting.
- IEEE Standards opened the first ballot on 2 January 2013.
- Personal reminder e-mails sent to task force members sent on 14 January.
- Chair encouraged task force attendees in Memphis to vote.
- Mass reminder e-mails sent to balloters without a response on 25 January 2013

Results of Ballot of IEEE P1564/D18

- Open Date: 2 January 2013
- Close Date: 2 February 2013
- Voter Total Size: 108
- Response Rate: 86% (75% required)
- Approval Rate: 98% (75% of responses required)
 - 1 balloter disapproved the draft
- Abstain Rate: 7%
- Comments: 98

Resolution of Comments

- Comments from ballot of P1564/D18 were reviewed by Task Force Members Dan Sabin, Rich Bingham, and Theo Laughner in July 2013.
- All comments were reviewed; many resulted in minor changes in the guide. Some were rejected.
- IEEE P1564/D19 has been created that addresses all of the comments.
- After this meeting, we can upload the resolved comments file, and initiate the recirculation of IEEE P1564/D19
 - How long? The minimum is ten days.

Action Items

- Chair to post minutes from July 2013 meeting to web site.
- Chair to post IEEE P1564/D19 to task force web site.
- Chair to post initiate recirculation in July 2013
 - Resolved Comments Spreadsheet
 - New Draft

Next P1564 Task Force Meeting

- IEEE PES Joint Technical Committee Meeting
 - Monday, 13 January 2014
 - New Orleans, Louisiana, USA