



## 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
- Ballot Pool
- Review Changes from Draft 16 to Draft 17
- Next Steps
  - Reform Ballot Pool
  - Ballot Standard

# Participants, Patents, and Duty to Inform

- All participants in this meeting have certain obligations under the IEEE-SA Patent Policy.
  - Participants [Note: Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2]:
    - “Shall inform the IEEE (or cause the IEEE to be informed)” of the identity of each “holder of any potential Essential Patent Claims of which they are personally aware” if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
      - “Personal awareness” means that the participant “is personally aware that the holder may have a potential Essential Patent Claim,” even if the participant is not personally aware of the specific patents or patent claims
    - “Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of such potential Essential Patent Claims” (that is, third parties that are not affiliated with the participant, with the participant’s employer, or with anyone else that the participant is from or otherwise represents)
  - The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group
  - Early identification of holders of potential Essential Patent Claims is strongly encouraged
  - No duty to perform a patent search

# 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](mailto: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>**

# 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

## 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 February 2007 the IEEE-SA Standards Board approved the project until December 31, 2011.
- Web Site
  - <http://grouper.ieee.org/groups/sag/>

# 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

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# Updates to Web Site

- Meeting Page
  - <http://grouper.ieee.org/groups/sag/meetings.html>
  - Meeting notes posted for meetings in July 2011 in Detroit and January 2012 in Garden Grove.
- P1564 Drafts
  - <http://grouper.ieee.org/groups/sag/drafts.html>
  - Draft 17 posted.

# Ballot Pool

- Ballot pool formed in January 2011 at P1564 Task Force Meeting in Atlanta.
- Ballot pool reopened in July 2011 after P1564 Task Force Meeting in Atlanta. Closed on August 20 with 110 responses
- Ballot pool became stalled in February and was withdrawn in June 2012.
- **Action Item:** P1564 Chair to form a new ballot pool this week.

# IEEE P1564 MEC

- Draft 16 was submitted to IEEE Standards for its pre-ballot mandatory editorial coordination (MEC) in November 2011.
- Feedback was returned from IEEE Standards in December 2011.
- A new draft, which incorporates the suggestions from IEEE Standards, which is labeled Draft 17

# Review of Changes in P1564/D17

# Task Force Activity

## PAR

- In December 2010, IEEE NesCom approved our request for an extension until December 2013.

# Next Steps for IEEE P1564

- Obtain reference for Annex D.
- Form New Ballot Pool.
- Create ballot draft and upload it.
- Open first ballot.

# Next Task Force Meeting

- 2013 IEEE PES Joint Technical Committee Meeting
  - Monday, January 14, 2013
  - Memphis, Tennessee, USA