

IEEE Power Electronics Society Standards Committee

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Agenda

- ◆ PELSC officer elections
- ◆ Update on Policy & Procedures
- ◆ Current PELSC actions required
- ◆ Activities Reports
 - SCC-22 Coordination (Ahmed Zobaa)
 - P1662 (Yuri Khersonsky)
 - P1709 (Yuri Khersonsky)
- ◆ New efforts emerging
- ◆ Administrative actions

PELSC Officer Elections

According to our P&Ps:

- PELSC members elect the Chair and Vice-Chair
- Secretary and Treasurer are appointed by Chair

Requirements and Duties of Officers

Chair:

- Must be a member of IEEE and IEEE-SA
- Organize and facilitate PELSC meetings
- Insure conformance to PELSC P&Ps and IEEE-SA rules

Vice-Chair:

- Essentially assists the Chair with administrative and sponsor duties
- Submits all proposed standards approved by balloting groups with supporting documentation for IEEE review and approval

PELSC Officer Elections

Secretary:

- Take minutes of meetings
- Maintain P&Ps
- Assist WG Chairs with editing of PARs, balloting documents, etc.

Treasurer:

- Submit budget forms to IEEE-SA (new)
- Formulates budget request to PELS AdCom
- Maintains finances, receipts, etc.

PELSC Officer Elections

May I suggest the following:

- Maintain current Chair for remainder of 2007
- Accept nominations and volunteers for a short period (suggest 14 days)
- Hold election by e-mail vote
- Let's discuss...(e.g., who votes? Who's on PELSC now? Representing who?)

PELSC Officer Elections

Current Nominees for Vice-Chair:

- Prof. Tsuyoshi Funaki, Kyoto University

Other officer volunteers:

- Dorin Neacsu (ret.), Univ. of New Orleans
- Others...

Description of PELSC

- ◆ Sponsor for all standards in PELS
- ◆ Umbrella organization for coordination
- ◆ Study groups/Working groups still carry out the work
- ◆ Technical committees drive the standards activity (needs, initiation of studies)
- ◆ Organization
 - PELSC will begin as a board with reps from each Technical Committee & other volunteers
 - Eventually, PELSC will grow to be comprised of WG chairs as standards activities progress

Policies and Procedures

- ◆ Policy & Procedures Document to form Power Electronics Standards Committee (PELSC)
 - Submitted for approval (Matt Ceglia)
 - Available to all interested at (<http://ncrept.eleg.uark.edu/pelsc.html>)
 - Website for PELSC

Current PELSC Actions Required

Reviewing ongoing standards efforts in PELS

- For example, we have 9 standards about to be withdrawn because of the 5-year cycle – **DEADLINE for Action Dec. 31, 2006**; reprieve until March 2007
- Fact is, that we need the volunteers to maintain standards
- Suggestion: Hold electronic ballot for either: reaffirm or admin withdrawal

Standards on the Block (1/2)

PEL

1. 1515-2000 IEEE Recommended Practice for Electronics Power Subsystems: Parameter Definitions, Test Conditions, and Test Methods

PEL/ET

1. 111-2000 IEEE Standard for Wide-Band (Greater Than 1 Decade) Transformers
2. 295-1969 (R2000) IEEE Standard for Electronics Power Transformers
3. 388-1992 (R1998) IEEE Standard for **Transformers and Inductors in Electronic Power Conversion Equipment**. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.
4. 389-1996 IEEE Recommended Practice for **Testing Electronics Transformers and Inductors**. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.
5. 390-1987 (R1998) IEEE Standard for **Pulse Transformers**. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.
6. 393-1991 (R1998) IEEE Standard for **Test Procedures for Magnetic Cores**. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.

Standards on the Block (2/2)

7. 436-1991 (R1998) IEEE Guide for Making Corona (Partial Discharge) Measurements on Electronics Transformers. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.
8. 449-1998 IEEE Standard for Ferroresonant Voltage Regulators. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.

Activities Reports

- ◆ [SCC-22](#): Standards Coordinating Committee on Power Quality (Zobaa)
- ◆ P1662 Working Group: Power Electronics in Electrical Power Systems on Ships (Khersonsky)
- ◆ P1709 Working Group: Recommended Practice for 1 to 35 kV Medium Voltage DC Power Systems on Ships (Khersonsky)

New Efforts Emerging

- ◆ Let's re-emphasize that PELS is NOT getting out of the standards business
- ◆ We just need to gain momentum as a collective, since it is has essentially been dead
- ◆ Start by putting Technical Committee Chairs in place that give a hoot about standards in their area
- ◆ Discussion of new efforts

Administrative Issues

- ◆ Standards withdrawal
- ◆ New P&P changes for 2007
 - Change 1 - Notes that the web-based PAR Form now contains instructions within the web process. Thus, the separate Working Guide is no longer necessary.
 - Change 2 - Codifies the L50-S annual financial reporting requirement for Sponsors.
 - Change 3 - Updates requirements for balloting of amendments/corrigenda. Balloters must be given access to the base standard and all approved amendments/corrigenda for complete information.
 - Change 4 - Codifies the existing policy regarding the power of the NesCom Administrator as the sole authority in assigning project numbers.

Administrative Issues

- Change 5 - States that AudCom shall develop baseline P&P and that such will be used when it conducts its audits. In addition, it states that a Sponsor must have accepted P&P or P&P that are visibly under development before that Sponsor will be authorized to conduct ANY standards work.
- Change 6 - See Change 2. States that failure to submit the annual financial report will result in action from the Standards Board. {Also some clean-up based on direction from IEEE Operations Audit and Accounting.}
- Change 7 - see Change 5. States that the accepted Sponsor P&P posted to the AudCom web site is the only official version of that Sponsor's P&P.
- Change 8 - Disclosure of Affiliation {Operations Manual sections}.
- Change 9 - Adds Sponsor responsibility to monitor its committees for signs of dominance.

Administrative Issues

- Change 10 - Dominance and Disclosure of Affiliation {Bylaws sections}.
- Change 11 - States that the Scope and Purpose of the draft document submitted to RevCom (i.e., the last balloted draft) shall match the Scope and Purpose stated in the PAR.
- Change 12 - See Changes 5 and 7. Clarifies that 'visibly under development' is determined by AudCom.
- Change 13 - Changes related to Compliance with Laws; Prohibited Discussion Topics; Discussion of Relative Costs. This change has not yet been included in the online versions of the IEEE-SA Standards Board Operations Manual. This change is due to be implemented, along with Changes 14-15, in May 2007 to allow time for guideline documents to be created.

Administrative Issues

- Change 14 - Re-write of the patent policy {Bylaws sections}. Please note that this change does not contain mark-ups. It is basically a total re-write. This change has not yet been included in the online versions of the IEEE-SA Standards Board Bylaws. This change is due to be implemented, along with Changes 13 and 15, in May 2007 to allow time for guideline documents to be created. [Note: The IEEE-SA is also awaiting a response from the DOJ to a Business Review Letter sent in late November.] The current version of the patent policy {Bylaws} is located at <http://standards.ieee.org/guides/bylaws/sect6-7.html#6>
- Change 15 - Re-write of the patent policy {Operations Manual sections}. Please note that this change does not contain mark-ups. It is basically a total re-write. This change has not yet been included in the online versions of the IEEE-SA Standards Board Operations Manual. This change is due to be implemented, along with Changes 13 and 14, in May 2007 to allow time for guideline documents to be created. [Note: The IEEE-SA is also awaiting a response from the DOJ to a Business Review Letter sent in late November.] The current version of the patent policy {Operations Manual} is located at <http://standards.ieee.org/guides/opman/sect6.html#6.3>

Administrative Issues

- ◆ Budget Report for 2006 – March 2, 2007
 - <http://standards.ieee.org/resources/financial/L50S/>