

**IEEE Standards Association (IEEE)**

**Policies and Procedures for:  
PES Electric Machinery Committee Working Groups  
(Revision 7)**

**Date of Approval: 4 May 2015**

## **Electric Machinery Committee Working Groups Policies and Procedures for Standards Development**

### **1.0 Introduction**

#### **1.01 Role of Standards Development**

In today's technological environment, standards play a critical role in product development and market competitiveness. Responsibility for how a standard evolves begins in the Working Group. Every input, behavior, and action has both a contributory and a potential legal consequence. These procedures help protect Working Group participants and the IEEE by establishing the necessary framework for a sound standardization process.

Adherence to these Policies and Procedures is an essential asset in determining the applicability of IEEE's indemnification policy.

#### **1.02 Modifications to These Procedures**

These Policies and Procedures outline the orderly transaction of business by the PES Electric Machinery Committee Working Groups, hereinafter referred to as "the Working Group".

The Working Group may amend these procedures with the approval of its Sponsor. The Sponsor may modify these procedures. Modification in this context means that material in these procedures may be modified as long as that clause is not indicated as one that cannot be changed. It is strongly recommended that all subjects included in these procedures are addressed by the Working Group or Sponsor. (See also Clause 7.)

#### **1.03 Hierarchy**

Participants engaged in the development of standards shall comply with applicable federal, state, and international laws. In addition, for standards matters, the latest version of several documents takes precedence over these procedures in the following order:

[New York State Not-for-Profit Corporation Law](#)

[IEEE Certificate of Incorporation](#)

[IEEE Constitution](#)

[IEEE Bylaws](#)

[IEEE Policies](#)

[IEEE Board of Directors Resolutions](#)

[IEEE Standards Association Operations Manual](#)

[IEEE-SA Board of Governors Resolutions](#)

[IEEE-SA Standards Board Bylaws](#)

[IEEE-SA Standards Board Operations Manual](#)

[IEEE-SA Standards Board Resolutions](#)

Policies and Procedures of the IEEE Power and Energy Society

Policies and Procedures of the PES Electric Machinery Committee

*Robert's Rules of Order Newly Revised (RONR)* is the recommended guide on questions of parliamentary procedure not addressed in these procedures.

### **1.04 Fundamental Principles of Operation**

For the development of standards, openness and due process are mandatory.

Openness means that any person who has, or could be reasonably expected to have, a direct and material interest, and who meets the requirements of these procedures, has a right to participate by:

- a) Attending Working Group meetings (in person or electronically)
- b) Becoming a member of the Working Group
- c) Becoming an officer of the Working Group
- d) Expressing a position and its basis,
- e) Having that position considered, and
- f) Appealing if adversely affected.

IEEE due process requires a consensus of those parties interested in the project. Consensus is defined as at least a majority agreement, but not necessarily unanimity.

Due process is based upon equity and fair play. In addition, due process requires openness and balance (i.e., the standards development process shall strive to have a balance of interests and not to be dominated by any single interest category). However, for the IEEE Standards Sponsor ballot, there shall be a balance of interests without dominance by any single interest category.

## **2.0 Working Group Responsibilities**

The Working Group shall:

- a) Complete the project from Project Authorization Request (PAR) approval to IEEE-SA Standards Board approval as specified by the PAR, and in compliance with IEEE Standards policies and procedures.
- b) Use the IEEE Standards document template format.
- c) Submit to the Sponsor any documentation required by the Sponsor; e.g., a project schedule or a monthly status report.
- d) Notify the Sponsor of the draft development milestones.
- e) Notify the Sponsor when the draft is ready to begin IEEE Standards Sponsor ballot.

## **3.0 Officers**

There shall be a Chair and a Secretary, and there should be a Vice Chair. The office of Treasurer is suggested if significant funds are involved in the operation of the Working Group and/or its subgroups or if the group has multiple financial reports to supply to the IEEE Standards Association. A person may simultaneously hold the positions of Secretary and Treasurer.

The Chair and Vice Chair(s) shall each be IEEE members of any grade, except Student grade, or IEEE Society affiliates, and also be members of IEEE-SA.

### **3.1 Election or Appointment of Officers**

The Working Group Chair shall be appointed in accordance with the Sponsor's procedures. After appointment of the Working Group Chair by the entity that established this Working Group, the Working Group Chair shall appoint a Vice Chair, Secretary and Treasurer if required. A person may simultaneously hold the positions of Secretary and Treasurer.

The appointment of officers shall be for a term of one year, but an officer may serve until a successor is appointed.

### **3.2 Temporary Appointments to vacancies**

If an office other than the Chair or Vice Chair becomes vacant for any reason (such as resignation, removal, lack of nomination at an election), a temporary appointment shall be made by the Chair for a period of up to 12 months. In the case of Chair or Vice Chair, the Sponsor shall make the temporary appointment, with input from the Working Group.

An appointment or election for the vacated office shall be made in accordance with the requirements in Clause 3.0 and 3.1 at the earliest practical time.

### **3.3 Removal of Officers**

A Working Group Officer may be removed by the responsible Subcommittee, or by approval of two-thirds of the members of the Working Group. Removal of the Chair and Vice-Chair requires affirmation by the responsible Subcommittee. Grounds for removal shall be included in any motion to remove an officer of the Working Group. The officer suggested for removal shall be given an opportunity to make a rebuttal prior to the vote on the motion for removal.

### **3.4 Responsibilities of Working Group Officers**

Elected and appointed officers of the Working Group have a fiduciary duty to the IEEE when acting in their officer role and thus are required (a) to act in the best interest of the IEEE, its members and the general public and not on behalf of any individual, entity or interest group, (b) to comply with all applicable policies and procedures, and (c) to see that participants of the Working Group conduct themselves in accordance with the applicable policies and procedures.

The officers of the Working Group shall manage the day-to-day operations of the Working Group. The officers are responsible for implementing the decisions of the Working Group and managing the activities that result from those decisions.

#### **3.4.1 Chair**

The responsibilities of the Chair or his or her designee shall include

- a) Leading the standards development activity according to all of the relevant Policies and Procedures
- b) Forming Study Groups, as necessary
- c) Being objective
- d) Entertaining motions, but not making motions
- e) Not biasing discussions
- f) Delegating necessary functions
- g) Ensuring that all parties have the opportunity to express their views
- h) Setting goals and deadlines and adhering to them
- i) Being knowledgeable in IEEE standards processes and parliamentary procedures and ensuring that the processes and procedures are followed
- j) Seeking consensus as a means of resolving issues
- k) Prioritizing work to best serve the group and its goals

- l) Complying with the IEEE-SA Intellectual Property Policies, including but not limited to IEEE-SA Patent Policy (see IEEE-SA Standards Board Operations Manual 6.3.2, <http://standards.ieee.org/board/pat/index.html>) and IEEE-SA Copyright Policy (see IEEE-SA Standards Board Bylaws 7, <http://standards.ieee.org/guides/bylaws/sect6-7.html#7>)
- m) Fulfilling any financial reporting requirements of the IEEE, in the absence of a Treasurer.
- n) Participating as needed in meetings of the Sponsor to represent the Working Group
- o) Being familiar with training materials available through [IEEE Standards Development Online](#).

### 3.4.2 Vice-Chair(s)

The responsibilities of the Vice-Chair(s) shall include:

- a) Carrying out the Chair's duties if the Chair is temporarily unable to do so or chooses to recuse himself or herself (i.e., to give a technical opinion).
- b) Being knowledgeable in IEEE standards processes and parliamentary procedures and assisting the Chair in ensuring that the processes and procedures are followed.
- c) Being familiar with training materials available through [IEEE Standards Development Online](#).

### 3.4.3 Secretary

The responsibilities of the Secretary include:

- a) Scheduling meetings in coordination with the Chair and distributing meeting notices
- b) Distributing meeting agenda (as per 6.0). Notification of the potential for action shall be included on any distributed agendas for meetings
- c) Recording minutes of each meeting according to Clause 6.5 and IEEE guidelines (see <http://standards.ieee.org/develop/policies/stdslaw.pdf>), and publishing them within 60 calendar days of the end of the meeting
- d) Creating and maintaining the participant roster and submitting it to the IEEE Standards Association annually
- e) Being responsible for the management and distribution of Working Group documentation, including but not limited to guidelines with regard to posting and distribution of drafts and approved IEEE standards
- f) Maintaining lists of unresolved issues, action items, and assignments
- g) Recording attendance of all attendees

- h) Maintaining a current list of the names of the voting members and distributing it to the members upon request
- i) Forwarding all changes to the roster of voting members to the Chair
- j) Being familiar with training materials available through [IEEE Standards Development Online](#).

#### **3.4.4 Treasurer**

The Treasurer (if required, see 3.1) shall:

- a) Maintain a budget
- b) Control all funds into and out of the Working Group's bank account
- c) Follow IEEE policies concerning standards meetings and finances
- d) Ensure that the Sponsor adheres to the [IEEE Financial Operations Manual](#).
- e) Being familiar with training materials available through [IEEE Standards Development Online](#).

### **4.0 Working Group Membership**

#### **4.1 Overview**

Working Group membership is by individual. Those attending meetings shall pay any required meeting fees if established. Participants seeking Working Group membership are responsible for fulfilling the requirements to gain and maintain membership.

##### **4.1.1 Working Group Membership Status**

Membership shall be granted automatically to those participants attending the meeting of a newly chartered Working Group and upon their request. Thereafter, membership shall be granted after the participant attends two consecutive meetings of an existing Working Group, and also requests membership status.

Each member is expected to attend meetings as required by these procedures. The Secretary records attendance at meetings. Attendance credit is granted to those who attend at least 50% of a meeting's duration. Attendance at a meeting via teleconferencing and/or electronic means, e.g., Internet conferencing, shall count towards the attendance requirements.

Voting member status is maintained through consistent participation at meetings and through Working Group votes. If a Working Group member misses two consecutive meetings, or two consecutive Working Group letter ballots, his or her voting privilege

may be revoked. The Chair shall notify, in writing, a member who fails to attend two consecutive meetings and who has therefore lost his or her membership.

A member who lost his or her voting privileges shall have his or her voting privileges reinstated by attendance at two consecutive meetings of the Working Group and upon request for member status. All voting privileges and rights shall be restored after attending the second consecutive meeting. If, for reasons of personal hardship, a member cannot attend two consecutive meetings (but that member continues to vote in ballots taken between meetings), the Working Group Chair will be consulted on the status of the member.

#### **4.2 Review of Membership**

The Chair shall review the voting membership list at least annually. Voting members are expected to fulfill the obligations of active participation as defined in Clause 4.1.1. When a voting member is found in habitual default of these obligations, the Chair shall consider the matter for appropriate action, which may include termination of membership.

#### **4.3 Working Group Membership Roster**

A Working Group roster is a vital aspect of standards development. It serves as a record of members and participants in the Working Group and is an initial tool if an issue of indemnification arises during the process of standards development.

A Working Group officer or designee, usually the Secretary, shall maintain a current and accurate roster of members and participants in the Working Group. The roster shall include at least the following:

- a) Title of the Sponsor and its designation
- b) Title of the Working Group and its designation
- c) Officers: Chair, Vice-Chair, Secretary, Treasurer.
- d) Members and participants: for each, include name, email address, affiliation, and membership status (e.g., participant, voting member, etc.).

All Working Group members are required to review their information contained in the roster following each meeting they attend. If a Working Group meets only virtually, it shall determine a schedule to check the accuracy of the roster periodically.

A copy of the Working Group roster shall be supplied to the IEEE Standards Association at least annually by a Working Group officer or designee, usually the Secretary. Due to privacy concerns, the roster shall not be distributed, except to the IEEE-SA staff, IEEE-SA Board of Governors, IEEE-SA Standards Board, and the Standards Coordinator of the



Technical Sponsor, unless all Working Group members and participants have submitted their written approval for such distribution.

#### **4.4 Working Group Membership Public List**

A Working Group officer or designee, usually the Secretary, shall maintain a current and accurate membership list. The membership list can be posted on the committee web site and can be publically distributed. The membership list shall be limited to the following:

- a) Title of the Working Group and its designation
- b) Scope of the Working Group
- c) Officers: Chair, Vice-Chair, Secretary, and Treasurer if required (see 3.1)
- d) Members: name, employer, affiliation (but no contact information)

#### **5.0 Subgroups of the Working Group**

The Working Group may, from time to time, form subgroups for the conduct of its business. Membership in the subgroup is granted to any member of the Working Group. Such formation shall be explicitly noted in the meeting minutes. At the time of formation, the Working Group shall determine the scope and duties delegated to the subgroup, and may decide to allow participation of non-Working Group members and the terms and conditions under which such members participate in the subgroup. Any changes to its scope and duties will require the approval of the Working Group. Any resolution of a subgroup shall be subject to confirmation by the Working Group.

The Chair of the Working Group shall appoint the Chair of the subgroup.

#### **6.0 Meetings**

Working Group meetings may be conducted either exclusively in-person or in-person with one or more participants contributing via electronic means, or exclusively via electronic means. Working Group meetings shall be held, as decided by the Working Group, the Chair, or by petition of 15% or more of the voting members, to conduct business, such as making assignments, receiving reports of work, progressing draft standards, resolving differences between subgroups, and considering views and objections from any source.

A meeting notice shall be distributed, by a Working Group officer or designee, to all participants 30 calendar days in advance to all participants. A meeting agenda shall be distributed to all participants at least 14 calendar days in advance of a meeting.

Meetings of subgroups may be held as decided upon by the members or Chair of the subgroup.

Notification of the potential for action shall be included on any distributed agendas for meetings.

While having a balance of all interested parties is not an official requirement for a Working Group, it is a desirable goal. As such, the officers of the Working Group should consider issues of balance and dominance that may arise and discuss them with the Sponsor.

Participants shall be asked to state their employer and affiliation at each Working Group meeting as required by the *IEEE-SA SA Standards Board Operations Manual* (Section 5.3.3.1 Disclosure of Affiliation).

Please note that all IEEE Standards development meetings are open to anyone who has a material interest and wishes to attend. However, some meetings may occur in Executive Session (see Clause 6.3).

## **6.1 Quorum**

A quorum shall be identified and announced before the initiation of Working Group business at a meeting, but if a quorum is not present, actions may be taken subject to confirmation by letter or electronic ballot, as detailed in Subclause 7.2 or at the next Working Group meeting. Unless otherwise approved by the Sponsor, a quorum shall be defined as one-half of Working Group voting members.

## **6.2 Conduct**

Meeting attendees shall demonstrate respect and courtesy toward each other and shall allow each participant a fair and equal opportunity to contribute to the meeting, in accordance with the IEEE Code of Ethics.

All Working Group participants shall act in accordance with all IEEE Standards policies and procedures. Where applicable, Working Group participants shall comply with IEEE Policies Section 9.8 on Conflict of Interest.

### **6.3 Executive Session**

Meetings to discuss personnel or sensitive business matters (e.g., the negotiation of contracts), or for other appropriate non-public matters (e.g., the receipt of legal advice), may be conducted in Executive Session.

### **6.4 Meeting Fees**

The Working Group, or meeting host, may charge a meeting fee to cover services needed for the conduct of the meeting. The fee shall not be used to restrict participation by any interested parties.

### **6.5 Minutes**

The minutes shall concisely record the essential business of the Working Group, including the following items at a minimum:

- a) Name of group
- b) Date and location of meeting
- c) Officer presiding, including the name of the secretary who wrote the minutes
- d) Attendance, including affiliation
- e) Call to order, Chair's remarks
- f) Approval of minutes of previous meeting
- g) Approval of agenda
- h) Technical topics
  - 1) Brief summary of discussion and conclusions
  - 2) Motions, including the names of mover and seconder
- i) Items reported out of executive session
- j) Next meeting: date and location

Copies of handouts and subgroup reports may be included in the minutes or made available as separate items.

## **7.0. Voting**

### **7.1 Approval of an Action**

Approval of an action requires approval by a majority (or two-thirds) vote as specified below in 7.1.1 (majority) and 7.1.2 (two-thirds) vote is defined as either:

- a) At a meeting (including teleconferences) where quorum has been established, a vote carried by majority (or two-thirds) approval of the votes cast (i.e., Approve or Do Not Approve votes, excluding abstentions) by the voting members in attendance.
- b) By electronic means (including email), a vote carried by majority (or two-thirds) of the votes cast (i.e., Approve or Do Not Approve votes, excluding abstentions), provided a majority of all the voting members of the Working Group responded.

#### **7.1.1 Actions Requiring Approval by a Majority Vote**

The following actions require approval by a majority vote:

- a) Formation or modification of a subgroup, including its procedures, scope, and duties
- b) Disbandment of subgroups
- c) Approval of minutes
- d) Approval of Working Group actions other than those requiring a two-thirds vote (7.1.2).

#### **7.1.2 Actions Requiring Approval by a Two-thirds Vote**

The following actions require approval by a two-thirds vote:

- a) Approval of change of the Working Group scope\*
- b) Establishment of fees, if necessary
- c) Approval to move the draft standards project to the Sponsor for IEEE Standards Sponsor ballot

\* Item a) is subject to confirmation by the Sponsor.

## **7.2 Voting Between Meetings**

At the discretion of the Chair, the Working Group shall be allowed to conduct votes between meetings by the use of a letter or electronic ballot. If such actions are to be taken, they shall follow the rules of IEEE Bylaw I-300.4(4).

## **8.0 Communications**

Formal inquiries relating to the Working Group should be directed to the Chair and recorded by the Secretary. All replies to such inquiries shall be made through the Chair. These communications shall make it clear that they are responses from the Working Group. Communications shall be in compliance with the Sponsor's communication requirements.

## **9.0 Appeals**

Any person dissatisfied with a technical decision shall follow the approved procedures for providing technical input to the Working Group, including but not limited to presenting the concern to the Working Group, and making a technical comment during the applicable comment submission and/or balloting period.

Procedural concerns within the Working Group shall first be presented to the Working Group Chair for resolution. If the procedural concern is not resolved after presentation to the Chair, the concern can be brought to the Sponsor for resolution.