



**PES/NPEC SC-4: Working Group 4.6 - Preferred Power Supply
Meeting Minutes for S18-02**

**Mystic, CT
July 23rd, 2018**

1. Welcome and Introduction

Chairman Tamatha Womack called the meeting to order at 8:59 AM, July 23rd 2018.
Discussed the IEEE legal Patent information.

2. Review of Membership/Attendance

The membership roster was reviewed and updated. See Attachment 1 for an updated list of members and guests who were in attendance. 15 of the 28 working group members were present to establish a quorum.

James Reddy, Dave Pederson, Hideki Tanaka, and Shinji Kawanago were added as working group members.

3. Review of Meeting Minutes and Agenda

The 18-02 agenda was reviewed and approved with changes unanimously. The agenda is attached as Attachment 2.

Motion to approve 18-02 Agenda: Edvin Kozo
Second: Tim Lensmire

The Meeting Minutes for S18-01 were reviewed and approved as written. The meeting minutes of 18-01 will be sent to the webmaster to be uploaded to the website.

Motion to approve 18-01 Minutes: Tim Lensmire
Second: Kevin Littrell

4. Action Items

Item #	Assigned to	Action	Due	Status
16-1	Working Group Members	Review 1792 for possible impacts to frequency descriptions due to effects of NPIRs.	17-02	Retain for future discussion
17-3	Group Leads	Sub Groups evaluate impact of topics to 765. Due mid-November	18-02	In Progress – Sub Groups 1-3 presented in 18-01. Group 4 presented in 18-02 meeting. All groups to continue to work on scope of work.



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5. Specific Items Related to Standard 765

Relaxation of frequency requirements and will retain action item for future meeting discussions.

The five sub groups that were developed in 17-02 to for further evaluation of standard 765 discussed the progress they made since 17-02.

Jeff Weibelt presented status of sub group 4 discussions. Continuing on working. Greg Reimers requested to be member and was added as sub group 4. Jeff Weibelt took over as lead of the group.

Sub Group 4 – Capacity vs capability & availability

- Lead – Jeff Weibelt
- Thomas Koshy
- Roy Lyon
- Tamatha Womack
- Tim Lensmire

Due to scheduling conflicts other sub groups were unable to present during this meeting. Further presentation will be done during 19-01.

6. Specific Items Related to Standard 1792

Standard 1792-2017 was recently published. No work on a revision was done during 18-02 meeting.

As with Standard 765, Standard 1792 will have further evaluation for changes associated with relaxing the frequency requirements.

7. General Items/New Business

A combined group meeting will be held later in conjunction with SC-4 to discuss a combined effort to address open phase. WG 4.1, WG 4.6, and WG 4.7 will participate and outcome will be discussed at next meeting.

8. Next Working Group Meeting

Next formal working group meeting will be held in conjunction with NPEC 19-01 meeting. Team meetings and working group input sessions will be held at satellite



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location(s) with a webex option for those to who cannot attend. Further information will be sent to the working group members as these meetings are arranged.

9. Meeting Closing Remarks/Adjournment

Meeting adjourned at 10:00 AM.

Motion to Adjourn: Jason Bellamy

Second: Edvin Kozo

Attachments

Attachment 1 – Membership

Attachment 2 – Agenda

Attachment 3 – IEEE Patent Slides



ATTACHMENT 1
Attendance/Membership

Member #	Member Name	In Attendance
1	Jason Bellamy	Yes
2	Mark Bowman	No
3	Duane Brock	No
4	John Disosway	Yes
5	Ken Fleischer	No
6	Evan Heacock	No
7	Steve Hutchins	No
8	Ayodele Ishola-Salawu	No
9	Edvin Kozo	Yes
10	Harvey Leake	No
11	Tim Lensmire	Yes
12	Kevin Littrell	Yes
13	Roy Lyon	No
14	Singh Matharu	Yes
15	Kenn Miller	Yes
16	John Minley	Yes
17	Tania Martinez Navedo	No
18	Gene Poletto	Yes
19	Gregg Reimers	Yes
20	Shawn Simon	Yes
21	Tom Solinsky	No
22	Sudhir Thakur	No
23	Jeff Weibelt	Yes
24	Tamatha Womack	Yes
25	James Reddy	Yes
26	Dave Pederson	No
27	Shinji Kawanago	Yes
28	Hideki Tanaka	Yes
Guests in Attendance		
Neal Simmons		
Hector Lion		
Brad Miller		
Park Jin Hwi		
Thomas Koshi		
Jinsuk Lee		
Masashi Sugiyama		
Marty Flynn		



ATTACHMENT 1
Attendance/Membership

Audrey Baricko	audrey.baricko@pseg.com
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Attachment 2



PES/NPEC SUBCOMMITTEE 4

WG 4.6

Draft Agenda for 18-02

Mystic, CT

July 23, 2018

1. Welcome and Introductions (Chair)
2. Identification of Members, Review of Membership/Attendance and Quorum (Secretary)
3. Status of Joint WG 4.6 and WG 4.7 Meeting (Chair)
4. Opening Remarks and Approval of both Agendas (Chair)
5. Review and Approval of Previous Meeting Minutes (Secretary)
6. Status of Action Items (Secretary)
7. WG Team 4 (Capacity/Capability/Availability) Summary
8. New Action Items (Secretary)
9. Next Working Group Meeting (Chair)
10. Closing Remarks/Adjournment (Chair)

Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees that:**
 - The IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
 - There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
 - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
 - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
 - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 14 and 15 on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

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**
 - **“Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of 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 Bylaws

[*http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6*](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*](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*](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*](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*](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.