



**PES/NPEC SC-4: Working Group 4.6 - Preferred Power Supply
Meeting Minutes for S17-02**

**Buffalo, NY
July 17, 2017**

1. Welcome and Introduction

Chairman Tamatha Womack called the meeting to order at 3:03 PM, July 17th, 2017.

2. Review of Meeting Minutes and Agenda

The 17-02 agenda was reviewed and approved as written. The agenda is attached as Attachment 2.

Motion to approve 17-02 Agenda: Tim Lensmire

Second: Kenn Miller

The Meeting Minutes for S17-01 were reviewed and approved as written. The meeting minutes of 17-01 will be sent to the webmaster to be uploaded to the website.

Motion to approve 17-01 Minutes: Kenn Miller

Second: John Minley

3. 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
17-1	Jason Bellamy	To send information to working group on Working Group K11, "Open Phase Detection for Nuclear Generating Stations,"	17-02	Closed
17-2	Jason Bellamy	To send out consolidated comments on P765 prior to 17-02	17-02	Closed
17-3	Group Leads	Sub Groups evaluate impact of topics to 765. Due mid-November	11/17	Assigned
17-4	Tamatha Womack / Jason Bellamy	Develop PAR	18-01	Assigned
17-5	Jason Bellamy	Send out scope of groups, groups list and contact information to working group	18-01	Assigned



PES/NPEC SC-4: Working Group 4.6 - Preferred Power Supply Meeting Minutes for S17-02

**Buffalo, NY
July 17, 2017**

4. 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. 16 of the 26 working group members were present to establish a quorum.

Duane Brock was added as a member of the working group. George Attarian was moved to corresponding member. Paul Colaianni requested to be moved to corresponding member after this meeting.

5. Specific Items Related to Standard 765

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

PAR for 765 was discussed and it was agreed that alternate sources should replace AAC source in next revision in the scope of the standard.

Motion to Develop PAR with Scope as is with AAC changed to alternate sources:

John Disosway

Second: Ayodele Ishola-Salawu

The comments on 765 (Attachment 2 of 17-01 meeting minutes) were grouped. Five groups were developed for further consideration. Sub groups were developed to address the five main elements in standard 765 revision. Group 1 scope will start with exploring US Nuclear plants but may expand to international plants for this revision as well. Below is a list of the sub groups.

Group 1 – Typical Station Designs

- Lead – Ayodele Ishola-Salawu
- Jason Bellamy
- John Disosway
- Duane Brock

Group 2 – Additional non-1E equipment that provides 1E function

- Lead – Harvey Leake
- Kevin Littrell

Group 3 – GDC 17 requirements in standard

- Lead – Singh Matharu
- Gene Poletto
- Tamatha Womack



**PES/NPEC SC-4: Working Group 4.6 - Preferred Power Supply
Meeting Minutes for S17-02**

**Buffalo, NY
July 17, 2017**

Group 4 – Capacity vs capability & availability

- Lead – Roy Mathew
- Jeff Weibelt
- Roy Lyon
- Tamatha Womack
- Tim Lensmire

Group 5 – Benefits/Consequences Open Phase

- Lead – Kenn Miller
- Edwin Kovo
- John Minley
- Ayodele Ishola-Salawu
- Singh Matharu

6. Specific Items Related to Standard 1792

Standard 1792-2017 was approved and published.

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

7. General Items/New Business

N/A

8. Next Working Group Meeting

Next working group meeting will be held in conjunction with SC-4 18-01 meeting. Sub groups will meet before 18-01 and will report their findings in mid-November. The next meeting will be held in New Orleans, LA with tentative dates of last week in January.

9. Meeting Closing Remarks/Adjournment

Meeting adjourned at 4:02 PM.

Motion to Adjourn: Kenn Miller
Second: Roy Lyon



ATTACHMENT 1
Attendance/Membership

Member #	Member Name	Email Address	In Attendance
1	Jason Bellamy	jbellamy@enercon.com	Yes
2	Mark Bowman	mdbowman@tva.gov	No
3	John Disosway	john.disosway@dom.com	Yes
4	Ken Fleischer	fk700@bellsouth.net	No
5	Chris Georgeson	cgeorgeson@ieee.org	No
6	Evan Heacock	evansheacock@dpengineering.com	No
7	Steve Hutchins	steven.hutchins@exeloncorp.com	No
8	Ayodele Ishola-Salawu	ayodele.ishola-salawu@fpl.com	Yes
9	Edvin Kozo	edvin.kozo@aps.com	Yes
10	Harvey Leake	hleake@earthlink.net	Yes
11	Tim Lensmire	timothy.lensmire@nee.com	Yes
12	Kevin Littrell	klittrell@enercon.com	Yes
13	Roy Lyon	lyonengr@gmail.com	Yes
14	Singh Matharu	gurcharan.matharu@nrc.gov	Yes
15	Kenn Miller	kenn.miller@nrc.gov	Yes
16	John Minley	jeminley@southernco.com	Yes
17	Tania Martinez Navedo	tania.martinez-navedo@nrc.gov	No
18	Gene Poletto	gpoletto@performancepowerservices.com	Yes
19	Gregg Reimers	gar0@pge.com	No
20	Shawn Simon	SimonSM@INPO.org	No
21	Tom Solinsky	solinskyt@zhi.com	No
22	Sudhir Thakur	sudhir.thakur@exeloncorp.com	No
23	Jeff Weibelt	JBWEIBEL@SOUTHERNCO.COM	Yes
24	Tamatha Womack	tawomack@tva.gov	Yes
25 (new)	Duane Brock	dabrock@southernco.com	Yes
26	Paul Colaianni	paul.colaianni@duke-energy.com	Yes
Guests in Attendance		Email Address	
Roy Mathew		roy.mathew@nrc.gov	
Shinji Kawanago		shinji_kawanago@nseng.mhi.co.jp	
Hideki Tanaka		hideki_tanaka@mhi.co.jp	
Nader Eldeiry		neldeiry@enercon.com	



**PES/NPEC SUBCOMMITTEE 4
WG 4.6 Preferred Power Supply
Draft Agenda for 17-02
Buffalo, NY
July 17th, 2017**

1. Welcome and Introductions
2. Identification of Members and Quorum
3. Opening Remarks and Approval of Agenda
4. Review and Approval of Previous Meeting Minutes
5. Status of Action Items
6. P1792 Status
7. P765 Update / PAR Development
 - Revision Comments Received
 - Relaxation of Frequency Requirements
 - PAR Scope Finalization
 - Sub-Group Assignments
8. New Action Items
9. Next Working Group Meeting
10. Closing Remarks/Adjournment