



**PES/NPEC SC-4: Working Group 4.6 - Preferred Power Supply
Meeting Minutes for S15-01
Las Vegas, NV
January 19, 2015**

1. Welcome and Introduction

Chairman George Attarian was not able to attend the meeting and Vice Chairman Tammy Womack called the meeting to order at 1:30, January 19, 2015. See Attachment 1 for a list of members and guest who were in attendance.

There were no new members added to the working group.

2. Review of Meeting Minutes and Agenda

The Meeting Minutes for S14-02 were reviewed and approved without changes.

The agenda for 15-01 was presented by Tammy Womack as follows:

- Review previous meeting minutes and action items
- Overview of schedule for Std 1792 revision and preview schedule
- Possible additions to incorporate Open Phase considerations into either Std. 765 or Std. 1792
- Review new action items

3. Action Items

Item #	Assigned to	Action	Due	Status
12-3	Roy Mathew / Ken Miller	Review the need to add requirements in 1792 for frequency similar to existing voltage requirements at nuclear plants. Review the documents that reference grid frequency relaxation and how they impact nuclear plants. Harvey provided initial published information to Ken Miller. Roy Matthew and Ken Miller to retrieve NERC standard associated with limits on grid frequency to send to the 4.6 working group.	15-02	In Progress
14-6	K. Miller		15-02	In Progress

No new action items were added

4. Review of Membership/Attendance

The list of members and guest which were in attendance is included in Attachment 1. Enough Members were present to establish a quorum.



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Guests that requested Working Group 4.6 membership from S14-02:

Jason Bellamy - Enercon
Kevin Littrell - Enercon
Joe Ruether – XE Nuclear
Tom Solinsky – Zachery
Steven Hutchins – NEI
John Minley – Southern

5. Specific Items Related to Standard 765

Due to an industry group question on open phase, the working group should determine if changes to the standard will have to be made. Assignment to the working group has been given to review the standards 765 to identify possible areas of the standard that could address the open phase requirements. Communications will be sent out prior to the next meeting to request submittal of recommendations for consideration during the 15-02 meeting.

6. Specific Items Related to Standard 1792

At the SC 14-02 meeting the working group voted in favor of proceeding to balloting for the revision to 1792. In order to accommodate Chairman availability, the SC-4 and NPEC preview have been pushed to the 15-02 session.

7. General Items/New Business

The 1792 Standard is scheduled for Preview during the 15-02 meeting.

8. Next Working Group Meeting

Next working group meeting will be held in conjunction with SC-4 15-02 meeting.

9. Meeting Closing Remarks/Adjournment

Meeting adjourned at 2:00.



ATTACHMENT 1
Attendance/Membership

IEEE NPEC SC-4 Working Group 4.6
15-01 (Las Vegas, NV)

		Member (M) Guest (G) Corresponding Member (CM)	Attendance X - Present A - Absent
Name	Email Address		
George Attarian	george.attarian@pgnmail.com	M	A
Ijaz Ahmald	ljaz.ahmad@luminant.com	M	A
Mark Bowman	mdbowman@tva.gov	M	X
Bob Carruth	r.c.carruth@ieee.org	M	A
Paul Colaianni	paul.colaianni@duke-energy.com	M	A
John Disosway	john.disosway@dom.com	M	X
Ken Fleischer	kenneth_fleischer@fpl.com	M	A
Dave Gladey	dlgadey@pplweb.com	M	X
Chris Georgeson	cgeorgeson@ieee.org	M	X
Evan Heacock	evansheacock@dpengineering.com	M	X
Edvin Kozo	edvin.kozo@aps.com	M	X
Ayodele Ishola-Salawu	ayodele.ishola-salawu@fpl.com	M	X
Justin Lane	justin.lane@pseg.com	M	X
Harvey Leake	hleake@earthlink.net	M	X
Roy Lyon	rrlyon@southernco.com	M	X
John Mallanda	johnjmallanda@gmail.com	M	X
Singh Matharu	gurcharan.matharu@nrc.gov	M	A
Kenn Miller	kenn.miller@nrc.gov	M	X
Gene Poletto	gpoletto@performancepowerservices.com	M	X
Gregg Reimers	gar0@pge.com	M	X
Myat San	myat.san@exeloncorp.com	M	X
Shawn Simon	SimonsSM@INPO.org	M	X
Tammy Womack	tawomack@tva.gov	M	X
Oon-Pyo Zhu	zhu@kins.re.kr	M	A
Guests			Join WG 4.6
Wayne Johnson	wejohnson@epri.com	G	
Rodney Martinez	rum@pge.com	G	
John Minley	jeminley@southernco.com	G	Yes
Hari Kodali	Hari.kodali@nrc.gov	G	
Tom Solinsky	solinskyt@zhi.com	G	Yes



ATTACHMENT 1
Attendance/Membership

IEEE NPEC SC-4 Working Group 4.6 15-01 (Las Vegas, NV)		Member (M) Guest (G) Corresponding Member (CM)	Join WG 4.6
Name	Email Address		
Robert Arritt	barritt@epri.com	G	
Steven Hutchins	sph@nei.org	G	Yes
Hideki Tanka	hideki_tanaka@mnes-us.com	G	No
Shinji Kawanago	hinji_kawanago@mhi.co.jp	G	No
Thomas Koshy	thomas@thekoshys.com	G	No
Roy Mathew	roy.mathew@nrc.gov	G	No
Jason Bellamy	jbellamy@enercon.com	G	Yes
Kevin Littrell	klittrell@enercon.com	G	Yes
Ken Kawaguchi	Ken_kawaguchi@nsr.go.jp	G	
Corresponding Members			
Tom Sims	t.r.sims@ieee.org	CM	
Farouk Baxter		CM	
Alan Bysfield		CM	
Bill Mindick		CM	
Mike Tucker	mike.tucker@ieee.org	CM	
Jerry Nicely	jnconsulting@epbfi.com	CM	
David Sehi	dsehi@enercon.com	CM	
Kali Hara	haraks@ieee.org	CM	