

**Meeting Minutes of WG D3 (Std. 605)**  
**October 22, 2008**  
**Nashville, TN**

Chair: Hanna E. Abdallah  
Vice Chair: Jean-Bernard Dastous  
Secretary: Vacant

Hanna Abdallah, Chairman, opened the meeting with introductions. There were 15 members and 11 guests present at this meeting. See attendance list at the end of the minutes.

1. Obligatory Statement – Hanna Abdallah presented the latest revision of the obligatory document from IEEE regarding patents in standards and inappropriate topics for working group meetings.
2. Member attendance – There are a total of 63 members on the WG roster. Less than 50%, 15 members were present at this meeting. The lack of a quorum prevents the working group from conducting official business.
3. Appreciation – Appreciation was given to Gary Engmann and Jean-Bernard Dastous for their hard work in pushing the latest 605 draft through balloting.
4. Minutes – The meeting minutes from San Francisco 2008 working group meeting were reviewed. These minutes were not approved as a quorum was not present.
5. Agenda - The meeting agenda for the Nashville 2008 working group was reviewed and approved.
6. Guide Status – Gary Engmann provided an update to the ballot of 605. The ballot has been recirculated with 7 or 8 comments. Gary will be making some comments to forward to Revcon.
7. Organization – There was an opening for secretary which was filled by Chuck Haahr.
8. Article in Power Magazine – Hanna Abdallah thought it would be a good idea to put an article in the IEEE Power Magazine to announce the new bus design guide. **Hanna will write a draft with assistance from Dave Kelley. The draft is due by January 15, 2009. James (Bryan) Cain and Giang Tran will review the draft.**
9. Possible Revisions for future IEEE605.
  - Short Circuit Force Calculations. – Per Gary Engmann, the calculations for the decrement factor are more conservative and will result in a higher force than the 1.6 in the previous version of 605. Koushik Chanda asked a question about the half cycle



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decrement factor. Discussion about the decrement factor ensued including whether this should be a quarter cycle or half cycle decrement factor. **Gary Engmann to review.**

- Insulator Strength Section Improvements. – Discussion occurred in regards to insulator strengths and manufacturer's working strength. Hanna thought we may want to add an Annex about insulators in next revision.
- Converting the examples to metric - Gary Engmann stated that the examples must be done in metrics as well as imperial units. **Hanna will convert strain bus example to metrics and Randy Clelland will convert rigid bus to metrics. Chuck Haahr will review and convert any other examples to metrics.** Conversions to be completed by January 15<sup>th</sup> and turned into Chuck Haahr.

10. Tutorial for future meetings. Hanna thought it would be a good idea to have a tutorial to go with the new guide. **Hanna will try and have an outline completed by January in an attempt to have a tutorial in Kansas City, 2009.**

11. Future Meetings – Next meeting is in Kansas City, May, 2009.

12. Meeting Adjourn

Respectfully submitted by  
Charles Haahr  
Secretary, WG D5



# Meeting Minutes of WG D3 (Std. 605)

## October 22, 2008

### Nashville, TN

#### Attendance List (with affiliation):

First Name	Last Name	Role	Email	Company
Hanna	Abdallah	Chair	HannaEssa.Abdallah@aps.com	Arizona Public Service Co.
Stan	Arnot	Member	santro@sympatico.ca	SJA Engineering
Radoslav	Barac	Member	radoslav.barac@ge.com	General Electric Company
Thomas M.	Barnes	Member	tbarnes@allenhoshall.com	Allen & Hoshall, Inc
Louis	Bernadas II	Guest	lbernad@entergy.com	Entergy Corp
Steven	Brown	Member	stevendbrown@ieee.org	Memphis Light Gas & Water
Robert	Brown	Member	r.steve.brown@pse.com	Puget Sound Energy
James	Cain	Guest	cainbrian@stanleygroup.com	Stanley Consultants, Inc.
Koushik	Chanda	Member	kchanda@bechtel.com	Bechtel Power Corp.
Randy	Clelland	Member	randy.clelland@bchydro.com	BC Hydro
Gary	Engmann	Member	g.engmann@ieee.org	Burns & McDonnell
Jim	Evans	Guest	jim.evans@pse.com	Puget Sound Energy
Brian	Farmer	Guest	bkf1@pge.com	Pacific Gas & Electric
Charles	Haahr	Secretary	chaahr@segainc.com	Sega Inc.
Dewan	Jamir	Guest	djamir@burnsmcd.com	Burns & McDonnell Engineering Company
Richard	Keil	Member	rpkeil@cai-engr.com	Commonwealth Associates Inc.
Dave	Kelley	Corresponding Member	dave.kelley@srpnet.com	Salt River Project
Hermann	Koch	Guest	hermann.koch@siemens.com	Siemens AG, PTD H QI3
Debra	Longtin	Guest	dlongtin@atcllc.com	American Transmission Company (ATC)
Mike	Noori	Member	mike@cengs.com	Custom Engineering Solutions
Robert	Nowell	Member	rsnowell@southernco.com	Georgia Power Company
Doug	Smith	Guest	dougsmith@ieee.org	SEFCOR, Inc.
Brian	Story	Member	bstory@entergy.com	Entergy
Giang	Tran	Guest	gtran@entergy.com	Entergy Services
Brian	Wallace	Guest	brian.wallace@srpnet.com	Salt River Project
Alexander	Wong	Guest	alex.wong@hydroone.com	Hydro One

