

Meeting Notes of WG D5
Apr 29, 2013 – Pittsburgh, PA

1. **Welcome** – Bob Nowell, Chairman, opened the meeting with introductions and declarations of affiliation. There were 24 members and 16 guests present at this meeting. Three of the guest attendees requested membership status.
2. **Obligatory Statement** – Bob Nowell read the latest revision of the obligatory document from IEEE, regarding patents in standards and advised the full IEEE Patent Slide set is available on the Substations Committee main web page.
3. **Meeting Purpose** – Bob Nowell stated that the purpose of the meeting is to review the tutorial presented on Sunday and fire the existing officers.
4. **Determine Presence of Quorum** – There were a total of 41 voting members on the Working Group roster circulated at the meeting. The count of 24 members present (a quorum) allowed the Working Group to officially conduct business but this was not anticipated.
5. **Comments on Nashville Meeting Notes sent on 11/05/12** – No comments were noted.
6. **Discussion of 998 publication and process** - Bob spent a few minutes acknowledging contributions from key members over the duration of the 998 effort. Guide 998 will be published any day with the delay being a last copyright. Particular mention was made of:
 - Ballot Resolution Committee: Chuck Haahr (Technical Editor), David Stamm, Bryan Beske, Brian Cain, and Brian Stephens with expert assistance from Dr. Sakis Meliopoulos and Dr. Franco D’Alessandro
 - Reply Brief Committee: Sakis Meliopoulos, Martin Havelka, Rich Keil, Bryan Beske, Brian Cain, Don Wengerter, and the late Gary Engmann
 - Tutorial Committee: Brian Cain (Lead), Bryan Beske, Dr. Sakis Meliopoulos and Dr. Franco D’Alessandro
7. **Review of 998-2012 Tutorial presented on 04/28/2013** – discussion was held concerning the material presented, length of presentation, and other relevant details. The sense of the discussion was that 4 hours was too short since many expressed a desire for more of the detailed calculations involved in the examples. It was noted that 6 or even 8 hours was desirable for future presentations.
8. **New Working Group Officers** – The new officers are as follows effective with publication of 998:
 - **Chair** – Brian Cain
 - **Vice-Chair** – Don Wengerter
 - **Secretary** – David Stamm

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Annex 1: Attendees:

First Name	Last Name	Company Name	Role
Michelle	Antantis	Duquesne Light	Guest
Bryan	Beske	American Transmission Company	Member
Dale	Boling	Erico, Inc.	Guest
James	Cain	Stantec Consulting Services, Inc.	Member
Bill	Carman	Ausgrid	Member
Anthony	Centore	Pike Energy Solutions, LLC	Guest
Dr. Franco	D'Alessandro	PhysElec Solutions	Member
Carson	Day	NEETRAC Georgia Tech	Guest
Dennis	DeCosta	Commonwealth Associates Inc.	Member
Bruce	Dietzman	Oncor Electric Delivery Company	Member
D. Lane	Garrett	Commonwealth Associates Inc.	Member
Milomir	Gavrilovic	Hydro One Networks Inc.	Guest
Keith	Graham	Dominion	Member
Steve	Greenfield	Erico, Inc.	Member
Charles	Haahr	Sega, Inc.	Member
Tom	Harger	Harger, Inc.	Member
Martin	Havelka	Erico, Inc.	Secretary
CJ	Josaphat	Duke Energy	Guest
Dave	Kelley	Salt River Project	Member
William	Lively	Alstom Grid	Guest (Requested Membership)
James	Macroglou	Erico, Inc.	Guest (Requested Membership)
Nathan	Matthews	Power Engineers, Inc.	Guest
Sakis	Meliopoulos	Georgia Institute of Technology	Vice-Chair

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Carl	Moller	Canva High Voltage, LTD	Guest
Mike	Noori	Custom Engineering Solutions	Guest
Robert	Nowell	Commonwealth Associates, Inc.	Chair
James T.	Orrell	Utility Tech Engr-Consultants (UTECH)	Member
Stephen	Palmer	Safearth Consulting	Guest
Shashi	Patel	Public Service Electric and Gas Company	Guest
Tom	Proios	SAIC	Member
Christian	Robles	Entergy	Guest (Requested Membership)
Donald	Rogers	Bechtel	Member
Hamid	Sharifnia	PacifiCorp	Member
Boris	Shvartsberg	Public Service Electric and Gas Company	Member
Robert	Slebodnik	First Energy	Guest
Ryan	Stargel	Tennessee Valley Authority	Member
Curt	Stidham	TE Connectivity	Member
Brian	Story	Entergy	Member
Gilles	Tremoville	Alstom Grid	Guest
Don	Wengerter	Wisconsin Public Service	Member