

**Working Group D1
Meeting Notes
Nashville, TN.
October 20, 2011**

Chair – Hamid Sharifnia

Vice Chair – Robert (Bob) Nowell

Secretary – Joseph (Joe) Bell

Attendee's Name	Company	Member	Guest
Hamid Sharifnia (Chair)	PacifiCorp	x	
Robert (Bob) Nowell (Vice-Chair)	Commonwealth Associates, Inc.	x	
Joe Bell (Secretary)	PacifiCorp	x	
Hanna Abdallah	Power Engineers, Inc.	x	
Thomas Barnes	Allen & Hoshall	x	
Hasseien (Jack) Bashirian	Southern Company	C Mem	
Steven Brown	Allen & Hoshall	X	
Jody Cathey	Allen & Hoshall		X
Keith Graham	Dominion	X	
W. Bruce Dietzman	ONCOR		X
Dewan Jamir	Burns & McDonnell		X
Charles Haahr	Westar Energy		X
Bob Hobbs	DMC Power		X
Ken Larson	PacifiCorp	X	
Cary D. Mans	Thermoweld		X
Jon McDonald	ABB		X
William Munn	Alabama Power Company	X	
Rey Ramos	Southern Company		X
Ryan Stargel	TVA		X
Doug Smith	TVA		X
Brian Story	Entergy		X
Bill Thompson	Power Engineers, Inc.		X
Keith Wallace	Southern Company		X
Alexander Wong	Hydro One		X

The meeting was called to order at 10:05am. There were 9 members, 1 Corresponding member and 14 guests in attendance. The obligatory slides explaining IEEE's guide lines for patents and meetings were shown.

After welcoming the members and guests, Hamid explained that a PAR extension of the guide was approved. The new expiration date is December 31, 2015. This should allow ample time to correct any issues that have been found in the document. The guide was to expire at the end of 2011.

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A discussion regarding the progress, or lag thereof, of the assignments made at previous meetings.

Hanna was tasked with verifying the correctness of the Breaker/Switch and Bus voltage calculation equation found in table B.3, page 3, of the guide. Hanna reported that he had indeed found an error in the equation and that the corrected equation should look like the following:

$$E_s = \frac{2E}{n} - \frac{2-n}{n} [2S(T_s + T_a)] - \frac{2S\tau}{n} \left[1 - e^{-\frac{[tf - 2(T_B + T_A)]}{\tau}} \right]$$

Gary Engmann was to provide information regarding altitude adjustments. Unfortunately, Gary was not able to attend this meeting and so there was no update. As it is recognized that Gary has many obligations that does not always allow him to spend a great deal of time on this issue, Chuck Haahr and Keith Graham have graciously agreed to help Gary.

The meeting notes from the May 2011 Annual Committee meeting that was held in Chicago were presented and briefly discussed. No additional comments regarding the notes ensued.

A question arose regarding the possibility of adding 765kv & 1100kv BIL information to the guide. Hamid indicated that there is an interest to add EVH information to the guide, but he would not commit to do so until a task force, consisting of at least three members, could be formed to look into the matter. Dewan Jamir, Hassein (Jack) Bashirian and Hamid Sharifnia have volunteered their time to look into the matter. Dewan will be the lead person on the task force and Ken Posey of AEP has agreed to provide support.

Hamid asked if anyone had any comments or had issues when they used the guide. No one expressed any concerns.

The next Annual Committee meeting is scheduled for May 20-24, 2012 in Raleigh, NC.

The meeting was adjourned at approximately 10:55am.

Respectfully submitted,

Joe Bell
WGD1 Committee Secretary