

## Meeting notes for Working Group D3 Portland

Chair: Hanna Abdallah

Meeting May 20, 2014

1. Introduction of member and guests
2. IEEE Patent Slides were shown.
3. We reviewed meeting notes from Nashville. One correction was made Item D should be ASCE 7-10.
4. Chuck provided a presentation on Group 1s progress on the ampacity review from the 1975/6 Praeger papers. His presentation identified some assumptions and discrepancies. The ampacity tables will be updated with new assumptions.
5. PAR – A new PAR has been approved and expires December 2018.
  - a. The proposed changes listed in the PAR were reviewed by the Working Group.
  - b. Tom Amundsen will send a list of proposed changes regarding bus loading to the WG before the Fall 2014 meeting.
  - c. and Hamid volunteered to verify the calculated values in Table 19.
  - d. Annex H and I: Hanna will continue to review these sections
6. Open discussion
  - a. Emergency capability in a substation path is not well defined in the guide. This issue may be addressed in future revisions.
  - b. Hanna: spacers are used often in current designs. This is creating a pinch effect force on support structures. SE's may not be designing for this force. We want to detail this effect in future revisions.
7. Steve provided a presentation for a first draft of short circuit recommendation was shown Submitted for review,

Chuck Haahr

Attendance:

Hanna	Abdallah	HEA Engineering Consultant
Thomas	Amundsen	Sargent & Lundy, LLC
Radoslav	Barac	General Electric Company
Jordan	Belisle	Portland General Electric
Joshua	Berkow	HDR
Steven	Brown	Allen & Hoshall, Inc.
James	Cain	Consultant
Chalat	Chanleudfa	Portland General Electric
Michael	Chavis	Duke Energy Progress
Keith	Graham	Dominion
Arthur	Graves	Ameren
Charles	Haahr	Power Grid Engineering

Dale	Hays	Salt River Project
Bob	hobbs	Global Product Manager
Richard	Keil	Commonwealth Associates Inc.
Dave	Kelley	Salt River Project
William	Lively	Alstom Grid
Benjamin	Loehr	Sega Inc.
Joe	Morgan	HEES Enterprises
William	Munn	Southern Company Services Transmission
Robert	Nowell	Commonwealth Associates, Inc.
Caroline	Peterson	Xcel Energy
Eric	Phillips	Portland General Electric
Nathaniel	Postma	American Transmission Company
Thomas	Proios	Leidos Engineering, LLC
Ken	Reamey	POWER Engineers
Christian	Robles	Entergy
Stephen	Rouleau	AFL
Oscar	Santos	Southern California Edison
Doug	Smith	SEFCOR, Inc.
Erin	Spiewak	IEEE Standards Activities
David	Stamm	High Energy, inc.
Ryan	Stargel	Tennessee Valley Authority
Brian	Stephens	Ameren
Brian	Story	Entergy
Scott	Taylor	ABB
Giang	Tran	Entergy Services
gilles	tremouille	ALSTOM Grid
Ross	Twidwell	Beta Engineering LLC
Matthew	Vacha	FirstEnergy Corp