

**Distributed Resources Integration Working Group
Minutes
IEEE PES Joint Technical Committee Meeting
Atlanta, GA
January 12, 2009**

The group met on Monday, January 12, 2009 from 8 am until 10 am with 32 present. (See attendance list below)

The current status of the 1547 series of standards was reviewed.

The PAR for a “Draft Guide to Conducting Distribution Impact Studies for Distributed Resource Interconnection” was discussed. This has been submitted by SCC21 with the proposed IEEE number P1547.7. The role that this group will have in the development of this guide was discussed. As a minimum, the current members of this working group will be included in the email list for P1547.7. After the meeting, it was learned that the PAR can have a joint sponsorship; the primary sponsor being SCC21 and the secondary sponsor the PES T&D Committee. At the next SCC21 meeting, I will suggest that this happen.

This working group will be sponsoring a panel session at the PES General Meeting in Calgary and would like to sponsor a panel session at the 2010 T&D Conference. The panel session title will be Distributed Resource Integration.

SCC21

The next meeting of the 1547 series of working groups is January 27-30, 2009 in Las Vegas. P1547.6 (Secondary Networks) will be meeting Tuesday and Wednesday; P1547.4 (Intentional Islands) will be meeting Thursday and Friday; and the organizational meeting of P1547.7 (Impact Studies) will meet on Tuesday and Wednesday. SCC21 will be meeting on Wednesday afternoon.

The following is the status of the 1547 series of standards:

- IEEE 1547-2003 (Standard for Interconnecting Distributed Resources with Electric Power Systems) - This standard was reaffirmed in 2008 with a vote of well over 90%,
- IEEE 1547.1-2005 (Standard for Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems) - This standard was approved in 2005
- IEEE 1547.2-2008 (Application Guide for IEEE 1547 Standard for Interconnecting Distributed Resources with Electric Power Systems) - This standard has been approved by IEEE in December and will be published within six months.
- IEEE 1547.3-2007 (Guide for Monitoring, Information Exchange and Control of DR Interconnected with EPS) - This guide was approved in 2007

- P1547.4 (Draft Guide for Design, Operation, and Integration of Distributed Resource Island Systems with Electric Power Systems) - The working group is actively working on this Guide. It may be ready to ballot by the end of this year.
- P1547.5 (Draft Technical Guidelines for Interconnection of Electric Power Sources Greater Than 10 MVA to the Power Transmission Grid) - The working group with the PES Transmission Subcommittee and is not active. This PAR will soon expire and may not be renewed immediately.
- P1547.6 (Draft Recommended Practice for Interconnecting Distributed Resources with Electric Power Systems Distribution Secondary Networks) - The working group is actively working on this Recommended Practice
- P1547.7 (Draft Guide to Conducting Distribution Impact Studies for Distributed Resource Interconnection) - The PAR has been submitted by SCC21 and should be approved in January, 2009. The first meeting of the working group will be January 27-28, 2009.

Attendance

Name (First)	Name (Last)	Affiliation
John	Banting	Cooper Power Systems
James	Cole	NorthWestern Energy
Jeff	Duff	Duke Energy
Fred	Friend	AEP
Dave	Gilmer	Consultant
Michael	Pehosh	NRECA
Bob	Saint	NRECA
Betty	Tobin	Snohomish County PUD
Jim	Bouford	TRC
Stephanie	Brule	Hydro-Quebec
Jim	Burke	Quanta-Technology
Patrick	Carroll	We Energies
Jaegok	Choi	Gyongsang Nat'l Univ.
Roger	Dugan	EPRI
Jiyuan	Fan	GE T&D
Dennis	Hansen	PacifiCorp
Hatery	Hayes	Ameron
Robert	Labelle	IEEE Staff
John	McDaniel	National Grid
Mark	McGranaghan	EPRI
Aaron	Prazan	SCE
Rodney	Robinson	Westar Energy
Cheong	Sien	BC Hydro
Georges	Simard	Hydro-Quebec Dist.
Travis	Smith	Oakridge National Lab
Michael	Starke	Oakridge National Lab

Charles	Sufana	Kema
Terzija	Vladimir	University of Manchester
David	Wang	Con Edison of New York
Phil	Waudby	Consumers Energy
Val	Werner	We Energies
Charles	Williams	S & C Electric
Lisa	Yacone	IEEE Staff

Minutes Prepared by Bob Saint – 7/20/09