

Technology and Innovation Subcommittee

Location: Disney Contemporary Resort, Orlando FL
Date: April 24, 2018
Room: Sorcerer's Apprentice 1
Time: 2:00PM to 3:45PM
Chair: Nenad Uzelac

Minutes

1. Call to order

The meeting was called to order at 2:00PM.

2. Circulation of the subcommittee sign-in sheet.

Sign-in sheets were circulated.

There were 42 people in attendance. Out of 42, 37 showed interest in joining the Technology and Innovation subcommittee

3. Discussion:

- The chair opened the meeting saying that this is the first informal Technology & Innovation (T&I) subcommittee meeting. Over the next few sessions, the subcommittee will be forming. Change of Switchgear O&P to include the T&I subcommittee is in process. Once that is done, it will be submitted to IEEE PES Technical committee for approval.
- The chair showed the following text that will be included in O&P manual.

*T&I subcommittee **facilitates and conducts research** related to Switchgear, Circuit breakers and Fuses that are covered under IEEE switchgear standards. The need for innovations arises because of the changing business environment and technology offerings.*

***Develops technical reports** and makes recommendations for further advancement of IEEE switchgear standards.*

***Coordinates with other technical committees, groups, societies, and associations** as required*

- Important point is that T&I **will not be developing standards**. The subcommittee deliverables will include technical reports and technical papers, which could later be used for the advancements of the switchgear standards.
- Another important point that was discussed is that T&I subcommittee will not investigate projects that are driven by one manufacturer (example: evaluating new technology that is only made by that manufacturer), or solving an isolated problem coming from one utility

member. In addition, in principle T&I shouldn't be doing projects that are affecting only one subcommittee since those projects can be done by that subcommittee. T&I should be working on projects that are needed for different switchgear subcommittees and in some cases different PES committees. An example would be IEEE Task Force for alternative gases that had participations from numerous switchgear subcommittees, but also from Substation committee.

- Two task forces were created, with the goal to finish work and report back during Fall 2018 meeting:
 - TF1: To review IEEE 1547 standard and analyse it's impact on the switchgear standards (led by Paul Leufkens)
 - TF2: To draft procedures for T&I committee, like project proposal, project selection, etc... (led by Nenad Uzelac)

Time Schedule next Meeting

Next meeting will be held during 2018 IEEE Switchgear Fall meeting

4. Adjourn

The meeting was adjourned at 3: 15PM

	Role	First name	Last name	Email	Company	Interested in joining T&I?
1	Chair	Nenad	Uzelac	nuzelac@ieee.com	G&W	Y
2	Guest	Robert	Warren	robert.warren@dnvgl.com	DNV-KEMA	Y
3	Guest	Leslie	Falkingham	falkingham@vil.org.uk	VIL	Y
4	Guest	James	Lagree	jamesllagree@eaton.com	Eaton	Y
5	Guest	Philippe	Corriveau	pcorriveau@mindcoretech.com	MindCore techn.	Y
6	Guest	Sushil	Shinde	sushil.shinde@us-abb.com	ABB	Y
7	Guest	Li	Yu	liyu2@eaton.com	Eaton	Y
8	Guest	Brian	O'Neil	brian.oneil@cepower.com	CE Power	Y
9	Guest	Francois	Trichon	francois.trichon@schneider-electric.com	Schneider El.	Y
10	Guest	Steven	May	scmay@southernco.com	Southern Companies	Y
11	Guest	Chris	Jarnigan	chjarnig@southernco.com	Southern Companies	Y
12	Guest	Neil	Hutchins	rnhutchi@southernco.com	Southern Companies	Y
13	Guest	Jim	Sharkey	isharkey@epri.com	EPRI	Y
14	Guest	Mark	Peterson	mark.peterson@excelenergy.com	XCEL Energy	
15	Guest	Tom	Pellerito	pelleritot@dteenergy.com	DTE Energy	Y
16	Guest	Kennedy	Darko	kdarko@gwelec.com	G&W	Y
17	Guest	Rahul	Jain	rahul.jain@sandc.com	S&C	Y
18	Guest	David	Beseda	David.beseda@sandc.com	S&C	Y
19	Guest	Joe	Jasinski	jjasinski@itctransco.com	ITC Holding Corp	Y
20	Guest	Justin	Palmer	justinpalmersales@gmail.com	Electron System	Y
21	Guest	Jennifer	Hunks	Jennifer.hunks@meppi.com	Mitsubishi Electric	Y
22	Guest	Joshua	Arlund	jarlund@macleanpower.com	Maclean Power	Y
23	Guest	Mike	Crowford	michaelcrowford@ieee.org	Mitsubishi Electric	Y
24	Guest	Mujid	Fathi	mfathi@qualitrolcorp.com	Qualitrol	Y
25	Guest	Bew	Abebe	babebe@qualitrolcorp.com	Qualitrol	Y
26	Guest	Christopher	Slattery	cslattery@firstenergycorp.com	First Energy	Y
27	Guest	Brad	Armstrong	brad.armstrong@meramecusa.com	Meramec Instr.transf	Y
28	Guest	Leonel	Santos	leonel.santos@schneider-electric.com	Schneider Electric	Y
29	Guest	John	McClelland	jimcclelland.2001@ieee.org	Technibus	Y
30	Guest	Dan	Schiffbauer	daniel.schiffbauer@toshiba.com	Toshiba	Y
31	Guest	Jeff	Door	jeffreyd@h-j.com	H-J	Y
32	Guest	Mark	Pairison	markp@h-j.com	H-J	
33	Guest	Luis	Osorio	luiso@h-j.com	H-J	
34	Guest	Jared	Hines	jaredkhines@eaton.com	Eaton	Y
35	Guest	Jeffrey	Ward	jeffward@ieee.org	Doble Engineering	Y
36	Guest	Jack	Harley	Jack.harley@ieee.org	First Power Group LLC	Y
37	Guest	Kelly	Cannon	kcannon@hubbell.com	Hubbel Power Systems	
38	Guest	Sterlin	Cochran	socochran@hubbell.com	Hubbel Power Systems	Y
39	Guest	David	Dunne	david.dunne@schneider-electric.com	Schneider Electric	Y
40	Guest	Clint	Carne	clint.carne@schneider-electric.com	Schneider Electric	Y
41	Guest	Paul	Leufkens	paul@powerprojectsleufkans.com	Power Project Leufkans	Y
42	Guest	Scott	Lanning	Scott.lanning@sandc.com	S&C	