

Vancouver, BC, Canada, Spring 2024;
Unapproved meeting minutes;
Task Force on Revision of Impulse Tests.

The TF met on March 12th, 2024, from 08:00 am to 09:15 am.

Twenty-seven (28) members and seventy-two (72) guests attended the meeting (see attached attendance list). Thirty-four (34) Guests were attending for the first time the Task Force. Twenty-two (22) guests requested membership but only Thirteen (13) are eligible to have attended at least 2 of the last 3 meetings. After this meeting, thirteen (13) members has been moved to guest list, not having attended 2 of the last 3 meetings. The meeting was chaired by Sylvain Plante, Chair of the TF. and Mr. Daniel Sauer was the vice-chair.

The meeting has been called to order by the Chair at 08:00 am.

Attendance has been recorded in the TF's attendance EXCEL spreadsheets and include in the annex.

IEEE Patents and Copyright slides were presented. There were no comments or requests regarding Patents and Copyrights.

Required quorum was met, presence of at least 27 members out of 53 members was required, we had 27 after third request of Quorum verification. The TF membership roster has been reviewed after last meeting and this one.

The meeting agenda has been approved unanimously. Motion has been made by Sanjib Som and was seconded by Onome Avanoma.

The F23 virtual meeting minutes have been approved unanimously. Motion has been made by John John and was seconded by David Wallach.

The first item of business was related to the results of a survey related to a proposal made by Ajith Varghese regarding the phase-to-phase switching impulse clause 10.2.4. This proposal is to add some text in the clause needed when the switching impulse is performed as an option and not mandatory. During last meeting in Kansas City, the TF has requested the Chair to make a proposal following the result of the survey.

After some discussion, the following text has been proposed to be added to clause 10.2.4.

"While selecting the tap connection complying to above requirements, the phase-to-phase voltage withstand capability of the transformer active part including LTC, bushings and all accessories shall be reviewed.

Testing on a non-compliant tap connection shall be discussed and agreed between manufacturer and purchaser."

It has been proposed by Ajith Varghese and seconded by Stephen Antosz to send the text to the Dielectric Test Sub Committee for vote. Motion has been unanimously approved.

A new business has been bring to the TF regarding the current sensitivity when for chopped wave.

A motion to create a TF to investigate the requirement for sensitivity of current measurement during chop wave compare with full wave lightning surge has been made by Jim McBride and second by Dan Sauer. Motion has been unanimously approved. Volunteer were Jim McBride, Stephen Antosz, Sylvain Plante and Dan Sauer. Dan will call the meeting.

Another new business has been brought by Jason Varnell regarding the need to compare only last lightning curve with the reduce. Detail information will be sent by E-mail for study during next meeting.

The meeting adjourned at 09:15 am on March 12th , 2024.

The next meeting is planned to be held in St-Louis, Missouri, October 27-31, 2024.

Minutes wrote by:

Sylvain Plante, Eng.
TF Chair
April 2nd , 2024

Role	First Name	Last Name	Company
New Guest	Isaac	Abdalla	
Member	Kayland	Adams	GE Prolec
Member	Stephen	Antosz	Stephen Antosz & Associates, Inc
member	Javier	Artega	
Member	Onome	Avanoma	MJ Consulting
New Guest	sean	barker	
Member	William	Boettger	Boettger Transformer Consulting LLC
Member	Dominique	Bolliger, Ph.D.	HV TECHNOLOGIES, Inc.
Guest	Jeffrey	Britton	Phenix Technologies, Inc.
Guest	Juan Alfredo	Carrizales	Prolec GE
Member	camilo	casallas	
Guest	Vivian	Chan	Hitachi Energy
Guest	Eric	Davis	Consultant
Member	Gabriel	Delgado	Invenergy
Guest	Don	Dorris	Nashville Electric Service
New Guest	Jesse	Duffy	
Member	Janko	Dzodan	Koncar
New Guest	Eric	Elson	
New Guest	Miguel	Fernandez	
Member	Raymond	Frazier	Ameren
Member	Richard	Frye	EATON Corporation
New Guest	Dragana	Gasic	Koncar
Guest	Jeffrey	Gragert	Xcel Energy
Member	Peter	Heinzig	Weidmann Electrical Technology
New Guest	Kyle	Helden	
Member	Giovanni	Hernandez	
Member	Saramma	Hoffman	PPL
Member	saif	Hossain	Trench limited
New Guest	Chanman	Jeong	
Member	John	John	Virginia Transformer Corp.
New Guest	Jerzy	Kazmierzak	
New Guest	Stacey	Kessler	
New Guest	Yeounsoo	Kim	
Member	Evan	Knapp	Eaton corp
New Guest	Matija	Koprivnjak	Koncar dst
Member	Mark	Lachman	Doble Engineering Co.
Member	Fernando	Leal	Prolec GE
Member	Moonhee	Lee	Hammond Power Solutions
Member	Junho	Lee	Hyundai Electric

New Guest	Samuel	Lewis	
New Guest	Weijun	Li	
New Guest	Ricardo	Lopes Mamede	
New Guest	Alberto	Martinez	
Member	James	McBride	JMX Services, Inc.
New Guest	Gabriel	Menede	
Member	Francis	Mills	Power engineer
Member	Juliano	Montanha	Siemens Energy
New Guest	Rhea	Montpool	
Guest	Martha	Munoz	Hitachi Energy
Member	David	Murray	Tennessee Valley Authority
New Guest	Alireca	Nadenriar	
New Guest	anthony	Natalle	
New Guest	Kris	Neild	
New Guest		ortiz	
Guest	George	Partyka	PTI Transformers
New Guest	Monil	Patel	
Guest	Harry	Pepe	Phenix Technologies, Inc.
Chair	Sylvain	Plante	Hydro-Quebec
New Guest	Crhritoph	Ploetner	
Guest	Klaus	Pointner	Trench Austria GmbH
Member	Jarrood	Prince	ERMCO
New Guest	Juan	Reyes	Hitachi Energy
New Guest	Michael	Richardson	Ameren
New Guest	Time	Rocque	
New Guest	Matthew	S	
Member	Hakan	Sahin	Virginia/Georgia Transformer
Vice-Chair	Daniel	Sauer	EATON Corporation
Guest	Eric	Schleisman	Southern Company Services
Guest	Alfons	Schrammel	Siemens Energy
New Guest	Harmandret	Sekhon	
Member	Cihangir	Sen	Duke Energy
Member	Mike	Shannon	REA Magnet Wire
Guest	Michael	Sharp	Trench Limited
Guest	Hemchandra	Shertukde	University of Hartford
Member	Christopher	Slattery	FirstEnergy Corp.
Member	Sanjib	Som	Pennsylvania Transformer
Member	Kyle	Stechschulte	American Electric Power
Guest	Hampton	Steele	Tennessee Valley Authority
Guest	Andrew	Steineman	Delta Star Inc.
Guest	Shankar	Subramany	KEMA
New Guest	Sachin	Tade	
New Guest	Johnathan	Tan	

New Guest	Troy	Tanaka	
New Guest	Andrewa	Thiede	
Member	Scott	Thomas	Hitachi Energy
Member	Eduardo	Tolcachir	Tubos Trans Electric S.A.
Member	core	van dreel	american transmission
New Guest	John	Vandermaar	
Member	Ajith	Varghese	SPX Transformer Solutions, Inc.
Member	Jason	Varnell	Doble Engineering Co.
New Guest	Peagnesn	Vyas	
New Guest	John	Wagner	
Guest	Mike	Waldrop	
Member	David	Wallach	Duke Energy
New Guest	Alan	Washburn	
New Guest	soshua	Watson	
Guest	Matthew	Weisensee	PacifiCorp
Guest	Rene	Wind	Siemens Energy
New Guest	Terry	Wong	
Member	Kris	Zibert	Allgeier, Martin and Associates