

Minutes of Meeting

Task Force to Study Shunt Reactor Switching Endurance for HVCB

Location: Virtual Meeting
Date: Wednesday April 21st, 2021 (1:30-3:15 PM CDT)
Participants: 10 of 23 members present (43%)
23 guests

TF Chair: Sushil Shinde
TF Secretary: Lucas Collette

Call to order

TF Chair called to order and presented agenda. No questions or comments on the agenda.

Introduction of members and guests

Attendance and affiliation recorded per participant list and chat window.

Review patent slides and call for patent identification

No essential patents identified

Discussion on the survey

TF Chair presented the survey and how the data is entered/collected.

Data collected from users and manufacturers to be sent to the TF Secretary. Contact information as follows:

- Contact: Lucas Collette
- E-mail: lucas.collette@ieee.org OR lcollette@duqlight.com
- Phone: 513-305-0703

Survey to be left open for 2 months.

The following are key discussion items related to the survey:

- Question: We are asking for this data back in two months? Seems like too much information to get back in that timeframe, especially for users with many reactors.
 - Response: If the response is low, we can extend the timeframe. It is anticipated that once a user goes through the process once it will be easier for the following reactors.
- Question: For shunt reactors, data is often custom so it will be difficult to get the data quickly. Serial numbers, type, and rating should be relatively easy. The more detailed data will be the challenge.
 - Response: It is understood that we may not get all of the data, but we need to start somewhere.

- Question: Can some of the data recently provided by used to fill in the survey?
 - Response: Yes, we can use this data.

Next steps

The following are the next steps discussed during the meeting.

- Release the survey
- Follow-up with the target end users
- Data collection & analysis
- Work on the TF report (Chair to follow up with volunteers from previous meetings)
 1. Introduction
 2. Summary of existing Type Testing Duties
 3. Mitigation techniques currently available
 4. Key Learnings from IEC 62271-110 & IEEE C37.015
 5. Survey Design
 6. Survey Data Analysis
 7. Survey Conclusions
 8. Impact/Recommendation on existing testing protocol
 9. EMTP System Study Guidelines
 10. Conclusion

Adjournment

Mike Crawford – Motion to adjourn

Pat Dilillo - Second

TF Chair adjourned the meeting at 2:13 PM (CDT).

Attendance:

No.	First Name	Last Name	Company	Role	4/21/2021
1	Arben	Bufl	Meiden America Switchgear	Member	X
2	David	Caverly	Trench Limited	Member	X
3	Andrew	Chovanec	GE Grid Solutions	Member	X
4	Lucas	Collette	Duquesne Light	Secretary	X
5	Mike	Crawford	MEPPI	Guest	X
6	Raymond	Frazier	Ameren	Guest	X
7	Jeremy	Hensberger	MEPPI	Guest	X
8	Victor	Hermosillo	GE Grid Solutions	Member	X
9	Todd	Irwin	GE Grid Solutions	Guest	X
10	Carl	Kurinko	Hitachi-ABB Power	Guest	X
11	Jane	Ling	GE	Guest	X
12	Andrew	Peterson	ABB	Guest	X
13	Craig	Polchinski	MEPPI	Guest	X
14	Dan	Schiffbauer	Toshiba	Guest	X
15	Carl	Schuetz	American Transmission Company (ATC)	Member	X
16	Sushil	Shinde	ABB Inc.	Chair	X
17	Don	Steigerwalt	Duke	Guest	X
18	Jim	Van de ligt	Can Energy Ltd	Guest	X
19	John	Webb	ABB	Guest	X
20	Jan	Weisker	Siemens Energy	Member	X
21	Richard	York	MEPPI	Member	X
22	Marcus	Young	MEPPI	Guest	X
23	Will	Zhang	Hitachi	Member	X
24	Chris	Jarnigan	Southern Company Services	Guest	X
25	Roy	Ayers	Nashville Electric Service	Guest	X
26	Andy	Keels	DiGioia Gray & Assoc.	Guest	X
27	Tom	Pellerito	DTE Energy	Guest	X
28	Xin	Zhou	Eaton	Guest	X
29	Pat	Dilillo	Con Ed	Guest	X
30	Andrea	Glynn	Xcel Energy	Guest	X
31	Michael	Boulus	PSE&G	Guest	X
32	Steven	May	Southern Company Services	Guest	X
33	Li	Yu	Eaton	Guest	X