Meeting Minutes of Ad-Hoc Group
Circuit Breaker Control Cabinet Requirements
April 30, 2019 Burlington, VT

Acting Chair: Devki Sharma

Acting Vice-Chair:

Acting Secretary: Carl Schuetz

Introduction of members and guests

Attendees: 23

Call to order

The chair presented an explanation of why the Ad-Hoc group was formed and that reason is to recommend action on creating a std CB control cabinet

Discussion

The chair presented transformer document C57.148 to show an example of what could be achieved and use this as a basis for the ad-hoc group recommendation. During this presentation attendees sought clarifications and expressed opinions on applicability of such a standard for circuit breakers. A summary of that discussion is given in the remainder of this section of the meeting notes.

A question was asked about control cabinet height and what would / could be required. Chair's response was that C57.148 is shown for example only and CB cabinet may not be exactly the same.

An opinion from the floor was expressed that specifying one standardized layout of a control cabinet would be extremely hard.

Chair explained the ad-hoc group could specify a standard for a specific voltage class could be proposed or a vote to do nothing.

A concern was raised regarding limitations that a control cabinet standard would have on ensuring that a circuit breaker design was IEEE compliant.

While reviewing the C57.148 section content on wiring the Chair explained that standardized terminal block wiring and terminal markings could be made if the working group thought it appropriate.

Some attendees questioned the need for a control cabinet standard for a circuit breaker noting that there are significant differences in location, available size and contents between a transformer and a circuit breaker.

Two attendees thought an amendment to 37.12 was more appropriate than a standard for control cabinets. Thinking is that guidance could be given to those users who are not familiar with CB specifications.

Discussion continued, focusing on next steps for the document. Since a quorum of TF members from the Fall 2018 meeting was not achieved it was suggested that the Chair go back to HVCB and summarize the results of the discussion. A consensus from the attendees was that this was a good idea and the Chair

proposed to discuss further meetings or electronic ballot with the HVCB sub-committee. The intent would be to electronically ballot the TF recommendation and based on those results draft a PAR in anticipation of a working group meeting for the Fall session in San Diego.

Next Meeting

No exact date set, refer to the last paragraph in the Discussion section.

Attendance

First Name	Last Name	Role	Company	Present in S19
Georges	Auguste	Guest	Ameren MO	X
Sterlin	Cochran	Guest	Hubbell Power Systems	X
Michael	Crawford	Member	Mitsubishi Electric	X
Michael	Culhane	Guest	Eaton	X
Patrick	Di Lillo	Member	Consolidated Edison Co. of NY, Inc.	X
Emily	Eftink	Guest	Burns & McDonnell	X
Raymond	Frazier	Member	Ameren	X
John	Hall	Member	Tennessee Valley Authority	X
Jennifer	Hunter	Guest	MEPPI	X
Todd	Irwin	Member	GE Grid Solutions	X
Peter	Marzec	Guest	S&C Electric Co.	X
Stephanie	Montoya	Guest	Southern California Edison	X
Thomas	Pellerito	Guest	DTE Energy	X
Andrew	Peterson	Guest	ABB	X
Jon	Rogers	Guest	Siemens Energy, Inc	X
Carl	Schuetz	Secretary	American Transmission Company (ATC)	X
Devki	Sharma	Chair	Entergy	X
Michael	Skidmore	Member	AEP	X
Don	Steigerwalt	Member	Duke Energy	X
John	Webb	Guest	ABB	X
Casey	Weeks	Member	Siemens Energy	X
Robert	Wolf	Guest	Hubbell Power Systems, Inc.	X
Wei	Zhang	Member	Hitachi T&D Solutions, Inc.	X