

IEEE Power Engineering Society  
Switchgear Committee  
Low Voltage Switchgear Devices Subcommittee

C37.17 Working Group Report  
October 3, 2005 – Montreal

C37.17 working group met on Monday morning October 3, 2005, with 14 persons in attendance and two unable to attend but specifically requesting to be kept on the WG distribution list. The WG is without a PAR and was convened under the chairmanship of Jeff Mizener. Jodi Haasz from the IEEE was present to assist in creating a PAR during the second half of the meeting.

The required IEEE Patent Slides were presented.

#### **Discussion Items**

1. The notes and changes accumulated at the last meeting were reviewed. No changes in direction were required.
2. It was noted that the document did not conform to the required IEEE outline, and that the contents of the PAR should be the same as the Scope and Purpose of the document. A great deal of effort was put into bringing suitable wording to these two sections.
3. Due to requirements of the IEEE-SA standards, the title of the document was revised to reflect the need to be specific about what "Low Voltage" is. The new title is:  
***Direct-Acting Trip Systems for Low-Voltage AC (635V and below) and General Purpose Low-Voltage DC (325V and below) Power Circuit Breakers.***
4. The need for diagrams to make clear the overcurrent characteristics was discussed. It was recommended that the IEEE Blue Book be consulted, and if diagrams exist, they be referenced rather than new ones created.
5. The group struggles with the inclusion of DC tripping systems in a standard which specifically states that the tripping system is "direct acting". This is considered a gap in the standard and will be left as such for the moment. There is no consensus on the question of splitting DC tripping systems off into its own standard.
6. A significant point was added to the standard: a definition of "direct acting". This is considered key because this phrase is used in the title.

#### **Schedule**

1. The WG will meet again in four months.

#### **Action Items**

1. Prepare a draft PAR.
2. The working group members are encouraged to revise the definitions in the document and submit them for discussion at the next meeting.
3. A parallel outline document was created which will be circulated to see if any large scale changes in document structure are required. The first few sections of the outline document have already been brought into alignment with the IEEE-SA standards.
4. Move the existing text into a new document based on the IEEE-SA document template and take advantage of the document outlining features that this offers.
5. Distribute MSWord version including comments and changes made during the meeting.

Report submitted by: Jeff Mizener  
WG Chair