

IEEE Substation Committee
WG D9 – P1818 AC/DC Auxiliary Systems
Nashville meeting notes 10/11/2012

Work Group Chair Hanna Abdallah welcomed everyone to the meeting and started with introductions of all attendees around the room.

The IEEE standard procedural slides were reviewed.

The PAR 1818 expires December 31, 2014.
The scope of the PAR was reviewed.

The meeting notes from the Raleigh meeting were reviewed.

The team assignments for section 4 (AC section) were reviewed.

The block diagram that was added in section 4 with references to the different components of the AC system was reviewed. It was noted that the section number references in the block diagram did not match the text below and several sections were missing in the block diagram. The group concluded that the block diagram needs to be revised to match the written documentation in the sections below.

The AC committee members noted that the word document was not available so very little or no progress was made since the meeting in Raleigh.

Steve Shelton provided comments from his review of section 4.1 via email prior to the meeting, but was unable to attend the meeting in Nashville,

Debra Longtin agreed to co-lead the AC section as it is in need of guidance to get the updates to this section back on track. The word document of the most recent revisions is needed to provide the team members the information needed to enable them to update the sections that need more help. Chair Hanna will request the document from Dewan Jamir.

The team members volunteered for the following assignments:

Mike Eads will work on the conductor section (4.11) – note look at grounding and neutral conductor sizing and add to this section

Hamid Sharifnia will work on the transfer switch section (4.9)

Hanna Abdallah, Jack Bashirian, and Alex Wong will work on the transformer section (4.7 & 4.8)

Steve Brown will work on Panel section (4.10)

Gary Bean will work on the sources section (4.1.5)

Pathik Patel will work on the protection section (4.12)

Sashikant Patel will work on the bus layout and distribution circuit configuration (new section)

There was some discussion regarding considerations for other new sections relating to arc flash and metering. It was decided to concentrate on getting the existing sections ready first.

The group agreed to the following schedule for the above assignments.

After obtaining the word document, Debra will update the block diagram, put sections together, and distribute to the team by mid November.

Assignments are to be complete and returned to Debra by January 15th.

Debra will then assemble all material as returned from assignments into one document and provide the document to the team by February 1.

The team will then review the document and return comments back to Debra by February 21.

Debra will update the document per the comments and forward to Hanna by March 15.

The DC section (5) is making very good progress and will send the updated document to Debra by January 15th.

The DC sections were reviewed with concentrations on the updated sections. The DC team answered questions by the working group and noted sections that need minor revisions. (charger sizing formula – elevation part needs revision)
The wording regarding the contingency in the breaker fail section needs revision.

Vice Chair Joe Gravelle is recording these meeting notes due to the absence of Secretary Radoslav Barac.

There are 16 members in this work group.
10 members were in attendance at this meeting.
1 corresponding member and 12 guests were in attendance at this meeting.
8 of the guests requested membership.

The meeting attendance will be recorded in 123 Signup.