

## STLNA Meeting - 17 September 2013 Report to Switchgear

The Purpose of our meeting is for HV and Power test labs in North and South America to discuss issues of common interest in the testing of electrical power equipment. Review and formulate STLNA responses to documents or policies under discussion at STL. Organize activities of mutual interest to the member labs, such as calibration of high current shunts, etc.

CHAIRMAN – Kirk Smith – Attends STL Management Committee

TECHNICAL LIAISON – Frank DeCesaro – Attends STL Technical Committee

### Attendance

- 10 people attended the meeting, 6 members and 4 observers
- Gary MacFadden of NEMA was the secretary for the meeting

### 1 Chairman's report

The Chair, Kirk Smith, reported that the last STL MC was held in Arnhem, Netherlands in May, 2013 and it was noted that 2013 is the 75th anniversary of KEMA.

### 2 Membership

No changes in total membership was reported, however, since the merger of Eaton and Cooper Power Systems, there will be in future only 1 vote on STLNA for the new combined Eaton.

### 3 STLNA Officers

Kirk Smith, Management Chairman.

Frank DeCesaro, Technical Liaison Director.

Tom Stefanski of Powertech Lab in Vancouver, BC, Canada was elected as the new Technical Liaison Director. Tom will serve in parallel with Frank for 2014 to facilitate a transition.

A new Management Chairman will be elected at the fall 2014 meeting and will serve in parallel with Kirk for 2015 to facilitate a transition.

### 4 STL TC Scheduled meetings

The STL Technical Committee Meeting will be held in November 2013 in Rugby, UK.

### 5 The following technical topics were discussed but not yet resolved.

#### 5.1 Specification of Peak Multiplication Factor in Place of X/R

The following test topics were discussed

#### 5.2 Load Switching and TRV Capacitor grounding in 3-phase test circuits.

#### 5.3 Line Dropping – Ratio of (C1-C0) and C1 and changes to adjust current

#### 5.4 Line and cable dropping – what value of series resistance to use

#### 5.5 Line and cable dropping – source capacitance/TRV – Parallel of series damping

#### 5.6 Re-ignition inrush current – fault interruption

#### 5.7 Ungrounded Neutral in Internal Arc Fault Testing

#### 5.8 Test current for internal arc fault testing

A standards interpretation request from the C37.20.7 working group was discussed. The standard has requirements on the allowable drop in current in the 1<sup>st</sup> 3 current loops and the entire duration of the test. Member input will be submitted to Frank DeCesaro by 27 September to form the STLNA position on this issue

### 6 Shunt Calibration project

STLNA members are participating in the Round Robin Shunt Calibration program. Several labs have already received the shunt and done their calibration tests. We are trying to add LaPem to the schedule.

**7 Financial Report was reviewed**

**8 New Business**

A paper from STLNA is to be prepared for submittal to STL concerning testing the recloser standard IEC 62271-111. This is still being prepared. The KERI and KEMA labs will be helping with this task.

**9 Next Meeting**

Next Meeting is planned for Tuesday, May 6, 2014 in Lake Buena Vista, FL, USA.