

## STLNA Meeting - 23 September 2014 Report to IEEE 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

- 14 people attended the meeting, 8 members, 3 alternates and 3 observers
  - o 3 people attended via a web meeting and teleconference connection
- Gary MacFadden of NEMA was the secretary for the meeting

### 1 Chairman's report

The Chair, Kirk Smith, reported that the last STL Management Committee (MC) meeting was held in Bangalore, India in May, 2014. Kirk was unable to attend and had no further comments on the actions of the STL MC.

Kirk did read the STLNA status report sent to NEMA Committee SG4 for Switchgear prior to the September SG4 meeting.

### 2 Membership

No changes in total membership were reported.

### 3 STLNA Officers

Paul Leufkens of KEMA Powertest Lab in Chalfont, PA, USA was unanimously elected as the new Chairman. Paul will serve as Chairman starting in 2015 with Kirk in parallel to facilitate a transition.

### 4 STL TC Scheduled meetings

The STL Technical Committee Meeting will be held in Japan 18th - 20th November 2014.

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

In order to address the below unresolved technical questions, Frank DeCesaro proposed that a series of teleconferences be scheduled on a standing basis every two (2) months. The STLNA members supported this recommendation.

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

Tom Stefanski and Frank DeCesaro will propose a recommended solution (equation) that we will ballot to the STLNA committee for the proposed October meeting.

Other topics to resolve are as follows.

#### 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

## **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.
- We will also provide information on this program to the Hubbell Lab.

## **7 Financial Report was reviewed**

STLNA has a healthy balance at this time. Anticipated expenses include travel to the next STL TC and MC meetings and future hosting of STL TC and MC meetings

## **8 New Business**

None

## **9 Next Meeting**

Next Meeting is planned for Tuesday, April 28, 2014 in St. Pete Beach, FL, USA from 6 to 8 PM.