INTRODUCTION
Traction Power Substations Standards Subcommittee (TPSSC) is on the tenth year of operation since it was formed in 2002. We are working on developing new standards, recommended practices, and guides; coordinating with other organizations such as APTA and AREMA and within IEEE; providing up to date information on professional activities of interest to rail and transit industry; and soliciting recommendations, ideas and suggestions that would improve the industry practices. The TPSSC is a subcommittee of the Rail Transportation Standards Committee (RTSC) within Vehicular Technology Society (VTS). TPSSC meets at regular intervals during the year at various transit properties in United States and Canada. TPSSC consist of transit and rail industry leaders in public and private sectors dedicated to writing national consensus standards, recommended practices, and guides which will govern manufacturing, supply, installation, testing, commissioning, and operation of traction power substation equipment.

PURPOSE
The purpose of this meeting was for the Working Groups (WG) to continue their work on the standards, recommended practices and guides.

Meeting Called to Order – by Acting Chair Charles (Chuck) Ross

Welcome Greeting Denver RTD – Mr. Jeff King, Sr. Project Manager, welcomed the attendees and gave a brief description of the completed work at Allegheny County Port Authority. Chuck thanked Mr. Jeff King and Mr. Mike Beroty of Allegheny County Port Authority for their hospitality and most of all for all the hard work accomplished to arrange and host our Subcommittee.

Introductions – General Introductions of all Attendees

Bih-Yuan Ku – Presented budget and travel expenses. He also presented and encouraged IEEE Senior membership. He informed the group of the 2014 Joint rail conference with VTS.

Traction Power Substation Web Site – Chuck encouraged all to check our websites http://grouper.ieee.org/groups/railtransit/tps/index.htm and asked WG Chairs and Vice Chairs to send their updates to our webmaster Steve Bezner for posting.

Balloting – Chuck informed all attendees that they need to be members of IEEE Standards Association in order to vote. Chuck also pointed out the requirement for WG Chairs to be members of IEEE Standards Association. He also encouraged all to join IEEE and become members of VTS.

Next Meeting – location of the next meeting will be in Los Angeles May 7th & 8th 2014. Chuck thanked Mr. Mike Beroty, Manager at Allegheny County Port Authority for hosting our meeting in Pittsburgh, PA.

Dinner Logistics – Dinner at Hyde Park Restaurant. Chuck and the attendees thanked the sponsors of breakfast, lunch, and dinner. Our sponsors were Balfour Beatty Rail Inc., Filnor, Virginia Transformer Corporation, Powell & Schaffner MTC Transformers.
Minutes of Previous Meeting – Chuck Ross presented the minutes of the previous meeting, which were approved by the attendees.

PatCom information and rules – Prior to starting the WG sessions Chuck Ross showed the slides advising WG membership of the IEEE’s patent policy and inappropriate topics for IEEE WG meetings. There are to be no discussions that pertain to patents and licenses.

P1653.1 Standard Practices and Requirements for Traction Power Rectifier Transformers – Vince Paparo reported standard went out for Ballot in June with 100 comments returned. Balloting closed at the end of August.

P1653.2 Standard for Uncontrolled Traction Power Rectifiers for Substation Applications Up to 1500 Volts Nominal Output – Ben Stell, WG chair discussed heating cycles.

P1653.3 Use Guide for Traction Power Systems Modeling – No Presentation

P1653.5 – Recommended Practice for Controlled Traction Power Rectifiers for Traction Power Substation – Roger Avery - Vitaly Gilman gave a presentation on Thyristor Controlled Rectifiers.

P1653.6 - Recommended Practice for Grounding in Systems Supplying Direct Current Traction Power – postponed until the next meeting.

C37.20.8 DC Switchgear Standard –


• TPSS WG provided most of the comments for review. A copy of all comments and PES WG Response will be distributed upon receipt.
• PES WG did not get through all the comments during the WG meeting.
• Product Retest requirements will be moved from a normative addition to an informative addition.
• High Frequency Bond Tables will be removed from the standard. Further, reference to frequency bonds will be removed from the titles of the remaining tables.
• PES is going to re-evaluate the structure of the Tables in Annex B based on TPSS WG comments

P1653.5 Recommended Practice for Controlled Traction Power Rectifiers for Traction Power Substation Applications – Louie Luo, WG Vice Chair, reports the standard is in need of more volunteers for technical and editorial help. The standard needs to be completed in 9 months.

Adjourn the First Day of Meeting – by Acting Chair Chuck Ross

October 10th, 2013

Meeting Called to Order – by Acting Chair Chuck Ross

Working Group Sessions:

Wayside Energy Storage Systems – Salwa Fouda, product manager at Bombardier, & Suresh Shrimavile gave a power point presentation on wayside energy storage systems.
Future Meeting Organization – The group was in agreement to meet 2 days each meeting twice a year, Spring and Fall.

Site Tour –