

Venue

May, 7-8 2024 Meeting
PATH
Journal Square Transportation Center
1 Path Plaza
Jersey City NJ 07306
entry instructions to follow

Registration and Sponsorship: <https://events.vtools.ieee.org/m/415614>

Virtual Meeting: Link TBA

Hello,

1. The TPSSC In-person meeting will take place on May 7-8, 2024 at PATH, Journal Square Transportation Center, 1 Path Plaza, Jersey City NJ 07306. There is a limit of 100 people at the venue. We look forward to seeing you at the In-person meeting.
2. The Registration web page is listed above. This year we have decided to include event registration fees for In-person attendance –
 - \$100 for General attendees,
 - \$50 for Transit Agencies, and
 - No fees for virtual participation.
3. Please refer the attached Agenda for schedule of discussion.
4. Please also note that we are looking for Sponsorships – The online payment page for accepting sponsorship amounts is the same as listed above. Sponsorship will include one free registration.
 - a. Chief Engineer Class over \$2000
 - b. Senior Engineer Class \$1000
 - c. Engineer Class \$500
5. Our revamped website is live - <https://sagroups.ieee.org/vt-tpssc/> We continue to post updates here.
6. If you are looking to participate in any working group and task force please contact respective chairs here - <https://sagroups.ieee.org/vt-tpssc/members/>

Kindly contact me (Email below) if you have any questions.

Thank you for your continued interest.

Kshitij Saxena, PE, PMP

Secretary, VTS TPSSC

Email - kshitij_eee@yahoo.co.in

Traction Power Standards Committee Meeting
May 7-8 2024

Agenda

Tuesday, May 7 2024		
8:30 AM	Meeting call to order	Andrew Jones
	Attendee declarations of affiliation/attendance recording	Patricia Roder
	IEEE patent, copyright, ethics & conduct information.	Patricia Roder
	Approval of agenda	Reza Hessabi
	Approval of previous meeting minutes (February 2024 Remote meeting)	Reza Hessabi
9:00 AM	Introduction of Officers (Chair, Vice Chair, Secretary, Treasurer)	Andrew Jones
9:15 AM	Standards inherited from the defunct Rolling Stock Committee	
	<p>P1478, Standard for Environmental Conditions for Transit Railcar Electronic Equipment (Lowell Goudge)</p> <p>16-2020, IEEE Standard for Electrical and Electronic Control Apparatus on Rail Vehicles (Brian Ley)</p> <p>2752-2023, IEEE Guide for Multi-Point Grounding System of Trains in Electrified Railway (Guoqiang Gao)</p> <p>These standards were assigned to TPSSC by <who?>. What are we going to do with them?</p>	Andrew Jones
9:45 AM	Standards under Development (PARs)	
	<p>P2970, Guide for synchronous monitoring of the magnitude and distribution of stray current in urban rail transit's direct current traction system (entity)</p> <p>As an entity document, this one passes thru the Traction Power Standards Committee but the committee does not act on it. It will proceed to balloting, which follows a separate path.</p>	Zeyang Tang
10:00 AM	Break	
10:30 AM	<p>P3393, Recommended Practice on the Application of IEEE Std 1653.2, Standard for Uncontrolled Traction Power Rectifiers</p> <p>Feb 2024: Mr Ross was not attending. A kickoff meeting for this PAR is anticipated in March, and those interested should contact Mr. Ross.</p> <p>May 2024:</p>	Chuck Ross
11:15 AM	<p>P3175, Guide for Stray Current Corrosion Mitigation for DC Rail Transit Systems</p> <p>Feb 2024: Substantial progress has been made on this by the working group. Mr. Hetherington said his goal was to simplify the prior work to the point where a publishable document was created. He expected the working group to vote in April on passing the draft to the full traction power standards committee.</p> <p>May 2024:</p>	David Hetherington
12:00 PM	Lunch	

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1:00 PM	<p>P3433, Recommended Practice for Smart Traction Power Substations and Management Systems</p> <p>Feb 2024: Mr. Curry was not attending. An initial meeting notice for this working group should be forthcoming.</p> <p>May 2024:</p>	Mark Curry
1:30 PM	<p>P3340, Proposed Guide for the Design of Rail Vehicle Maintenance Facility Direct Current Power Systems</p> <p>Feb 2024: A working group is needed, and Mr. Stell invited all those interested in participating to contact him.</p> <p>May 2024:</p>	Ben Stell
2:00 PM	<p>Draft Recommended Practice for System Grounding of Traction Power Systems</p> <p>Following the Feb. 2024 meeting, the draft was sent to Mandatory Editorial Coordination and a balloting group was forming.</p> <p>April 2024: Editorial coordination has been done, resulting in some minor formatting comments. The ballot group has formed.</p>	Andrew Jones
2:15 PM	<p>P1653.1, Standard for Traction Power Rectifier Transformers for Substation Applications up to 1500 Volts dc Nominal Output</p> <p>Feb 2024: Working group had completed its draft, Draft has been sent out to entire of committee for comment, No comment has received, working group will finalize the draft and will get ready for PAR.</p> <p>May 2024:</p>	John K. John
2:45 PM	Break	
3:00 PM	Review of Active Standards	
	<p>Feb 2024: Ms. Roder noted that IEEE standards have a ten year life, and PARs have a four year active period. A PAR is needed to revise a published standard.</p>	
3:15 PM	<p>*C37.14-2015 Task Force, IEEE Standard for DC (3200 V and below) Power Circuit Breakers Used in Enclosures (*not a TPSSC Standard)</p> <p>Feb 2024: This standard is written by the Power and Energy Society. Mr. Gerzeny is our liaison with that group, but was not attending.</p> <p>May 2024:</p>	Brian Gerzeny
3:45 PM	<p>2657-2021, Guide on Energy Feedback Systems for DC Power Supply System</p> <p>Feb 2024: No activity is known on this guide.</p> <p>May 2024:</p>	Paul Forquer

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4:15 PM	1653.2-2020, IEEE Standard for Uncontrolled Traction Power Rectifiers for Substation Applications up to 1500 V DC Nominal Output Feb 2024: Messrs. Strobel and Stell are examining what can be updated on this standard. May 2024:	Paul Forquer
4:45 PM	Adjournment	
TBA	Dinner (Venue TBA)	

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Wednesday, May 8, 2024		
8:30 AM	Call to Order	Andrew Jones
8:45 AM	<p>1653.3-2021, IEEE Guide for Rail Transit Traction Power Systems Modeling</p> <p>Feb 2024: Mr. Hetherington said no comments had been received on this, and he would turn his attention to it when P3175 work is complete.</p> <p>May 2024:</p>	David Hetherington
9:15 AM	<p>1653.5-2020, IEEE Recommended Practice for Thyristor Controlled Rectifiers for Traction Power Substation Applications</p> <p>Feb 2024: Mr. Gelman was not attending. Nothing to report.</p> <p>May 2024:</p>	Vitaly Gelman
9:45 AM	<p>1653.6-2018, IEEE Recommended Practice for Grounding of DC Equipment Enclosures in Traction Power Distribution Facilities</p> <p>Feb 2024: Mr. Jones said that work on this one had been paused while P2853 was progressed and would be picked up after 2853 was published. Mr. Jones will look into a PAR to update this one.</p> <p>May 2024: Review where we left off on this and resume discussion</p>	Andrew Jones
10:15 AM	Break	
10:45 AM	<p>1887-2017, IEEE Guide for Wayside Energy Storage Systems for DC Traction Applications</p> <p>Feb 2024: Mr. Nutt had been working on this but was not attending. Mr. Jones will contact Mr. Nutt to see if there is anything to report about it.</p> <p>May 2024: Mr. Nutt contacted Messrs. Jones and Forquer and advised that he is no longer with Alstom and is not able to work further on this document. We therefore need a new working group to maintain this.</p>	Paul Forquer
11:15 AM	<p>2720-2021, IEEE Guide for Rail Potential Management for DC Electrification Systems</p> <p>Feb 2024: No current action</p> <p>May 2024:</p>	Ben Stell
11:30 AM	General discussion Date and Location of next meeting	Andrew Jones
12:00 PM	Lunch	
1:00 PM	PATH substation tour. Anticipate 2 to 3 hours.	