

Traction Power Systems Standards Committee



Draft Meeting Agenda November 9-10, 2022 Hosted by Caltrain/PCJPB

Meeting Location: Residence Inn Redwood City San Carlos

Wednesday	, November 9, 2022	
9:00 am	Caltrain welcome greetings and project updates	Michelle Bouchard
	Electrification project electric utility interconnection update	P. Shrestha & D. Turner
	Meeting call to order	Benjamin Stell
	Attendee declarations of affiliation/attendance recording	Patricia Roder
	Introductions	All
	Approval of agenda	Benjamin Stell
	Approval of previous meeting minutes (7/14/2022 Teams meeting)	Benjamin Stell
	IEEE patent, copyright, ethics & conduct information	Patricia Roder
	Continuing education credit for meeting	Paul Forquer
	OCS Committee Report	John Schlick
	IEEE Standards Association Standards Medallion Award	Paul Forquer
10:00 am	P1653.1, Standard for Traction Power Rectifier Transformers	John K. John
	for Substation Applications up to 1500 Volts dc Nominal Output	
10:15 am	1653.2-2020, IEEE Standard for Uncontrolled Traction Power Rectifiers for	Benjamin Stell
	Substation Applications up to 1500 V DC Nominal Output	
10:45 am	1653.3-2021, IEEE Guide for Rail Transit Traction Power Systems Modeling	David Hetherington
11:15 am	1653.4-2011, IEEE Standard for DC Traction Power System Field Testing and	Benjamin Stell
	Acceptance Criteria for System Applications up to 1500 V DC Nominal	
11:20 am	1653.5-2020, IEEE Recommended Practice for Thyristor Controlled	Vitaly Gelman
	Rectifiers for Traction Power Substation Applications	
11:45 am	1653.6-2018, IEEE Recommended Practice for Grounding of DC Equipment	Andrew Jones
	Enclosures in Traction Power Distribution Facilities	
12:00 noon	Lunch (Sponsored by Caltrain)	
1:00 pm	2720-2021, IEEE Guide for Rail Potential Management for DC Electrification	Benjamin Stell
	Systems	
1:15 pm	1887-2017, IEEE Guide for Wayside Energy Storage Systems for DC Traction Applications	Benjamin Stell
1:30 pm	P2853, IEEE Recommended Practice for Grounding of Traction Power	Andrew Jones
	Systems	
2:30 pm	C37.14-2015 Task Force, IEEE Standard for DC (3200 V and below) Power	Brian Gerzeny
	Circuit Breakers Used in Enclosures	
3:30 pm	P3175 - Guide for Stray Current Corrosion Mitigation for DC Rail Transit	David Hetherington
	Systems	
4:30 pm	Adjourn first day of meeting	Benjamin Stell
6:00 pm	Dinner – location TBD	

Thursday, I	November 10, 2022	
9:00 am	Meeting call to order Attendee declarations of affiliation/attendance recording	Benjamin Stell Patricia Roder
9:15 am	Transfer of former VT/RISC standards projects to TPSSC (vote)	Benjamin Stell
9:30 am	2657-2021, Guide on Energy Feedback Systems for DC Power Supply System (Reversible Substations)	Benjamin Stell
9:45 am	Smart Substations Task Force update	Mark Curry
10:00 am	Proposed Guide for the Design of Rail Vehicle Maintenance Facility Direct Current Power Systems	Benjamin Stell
10:30 am	iMeet Central Workspace	Hesham Elbarawy
10:45 am	TPSSC web site	Benjamin Stell
11:00 am	Ideas for new guides/standards – general discussion	Benjamin Stell
11:30 am	Date and Location of next meeting	Benjamin Stell
11:45 am	Lunch (Sponsored by the IEEE)	
12:45 pm	Caltrain substation tour (attendees must arrange own transportation)	
3:30 pm	Adjourn second day of meeting	Benjamin Stell

Hotel & Meeting Location information

Residence Inn Redwood City San Carlos, +1 650-637-5500 800 East San Carlos Avenue San Carlos, California 94070

Public Transportation Information - SF International Airport (SFO) to Hotel

Take BART from SFO to Millbrae Station

Take Caltrain from Millbrae Station to San Carlos Station Walk approx. 5 minutes from San Carlos Station to hotel

Teams Remote Meeting Information

Wednesday November 9	Thursday November 9	
Click here to join the meeting	Click here to join the meeting	
Meeting ID: 261 072 193 520	Meeting ID: 222 088 996 341	
Passcode: BeePP7	Passcode: f5D4PB	
Join with a video conferencing device	Join with a video conferencing device	
stv@m.webex.com	stv@m.webex.com	
Video Conference ID: 117 205 003 4	Video Conference ID: 115 425 104 4	
Alternate VTC instructions	Alternate VTC instructions	
Or call in (audio only)	Or call in (audio only)	
<u>+1 267-358-6543,,283238928#</u> United States,	<u>+1 267-358-6543,,245074239#</u> United States,	
Philadelphia	Philadelphia	
Phone Conference ID: 283 238 928#	Phone Conference ID: 245 074 239#	