

IEEE PES TRANSFORMERS COMMITTEE
FALL 2019 MEETING: OCTOBER 27 TO OCTOBER 31
Hyatt Regency Columbus Hotel; Columbus, Ohio USA

9/19/2019

-- Room locations designated as (1), (2), etc., indicate the "button to press" in the elevator.
 For instance, a room on (1) is located on First Level, and a room on (2) is located on Second Level.

KEY

- Note:** A PC projector will be furnished in each meeting room. Arrive early to ensure equipment operates/syncs correctly.
 > = activity continued into another session / from another session
 ++ = not a Transformers Committee activity
 TBD = To Be Determined

TRACK LEGEND

Admin	Administrative SC	Ins Life	Insulation Life SC
Bush	Bushings SC	Instr TR	Instrument Transformers SC
DiTests	Dielectric Tests SC	Mtgs	Meetings Planning SC
Distr	Distribution Transformers SC	PCS	Performance Characteristics SC
Dry Type	Dry Type Transformers SC	Power	Power Transformers SC
HVDC	HVDC Converter Transfs. and Smoothing Reactors SC	STNP	Submersible Transf. & Network Protectors SC
IF	Insulating Fluids SC	Stds	Standards SC

STATUS LEGEND

N	New
I	In-Progress
NC	Near Completion
B	Ballot Stage
C	Complete
E	Entity

THURSDAY, OCTOBER 24

No Events Planned

FRIDAY, OCTOBER 25

No Events Planned

SATURDAY, OCTOBER 26

No Registration and no Meetings, Technical Tours, or Spouse/Companion Tours Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
5:45 PM – ???	Early Bird Event: Downtown Columbus Food Adventure	Social			
	- Advance on-line registration required				
	- Meet in hotel lobby at 5:45 PM and walk to North Market as a group (0.3 mile / 8 minute walk)				
	- Enjoy a fun guided tour of Columbus' Short North with an emphasis on local food favorites				
	- Pre-dinner sampling at the North Market, dinner at The Table and takeaway dessert bag included				
	- Cash bars at all locations				
	- See flyer for details				

SUNDAY, OCTOBER 27

No Technical Tours or Spouse/Companion Events Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
8:00 AM – 5:00 PM	IEEE/IEC JWG on Station Service Voltage Transformer C57.13.8	Instr TR	R. McTaggart	N	Marion (2)
1:00 PM – 5:30 PM	Meeting Registration				Franklin Foyer (2)
2:00 PM – 5:30 PM	Administrative Subcommittee	Admin	S. McNelly	–	Fairfield (2)
	- Closed meeting, by invitation only				
2:00 PM – 6:00 PM	NEMA Transformers	++	J. Stewart	–	Knox (2)
	- Closed meeting, by invitation only				
6:00 PM – 8:00 PM	Welcome Reception				Regency Ballroom (3)
	Renew old friendships and form new ones! This reception will be held inside the beautiful Regency Ballroom, so weather will not be an issue. Cash bars, plenty of fabulous food and live music by Loose Cannon Acoustic Trio (a local AEP band!) will be provided. Please indicate whether you will attend this reception during the meeting registration process. All registered attendees and spouses/companions are welcome to attend.				

MONDAY, OCTOBER 28 - Monday Breaks Sponsored by The H-J Family of Companies **

No Social Events Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
7:00 AM – 5:00 PM	Meeting Registration				Franklin Foyer (2)
7:00 AM – 7:50 AM	Newcomers Orientation - Breakfast meeting; arrive early! - Newcomers and guests are encouraged to attend!		B. Forsyth	–	Fairfield (2)
7:00 AM – 7:50 AM	Distribution & STNP SC Leaders Coordination - Closed breakfast meeting, by invitation only	Distr/STNP	E. Smith/G. Payerle	–	Knox (2)
7:00 AM – 8:00 AM	Breakfast - Attendees (no spouses/companions please)				Franklin (2)
8:00 AM – 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees please)				Peppercorn (1)
8:00 AM – 9:15 AM	Opening Session - All registered meeting participants are encouraged to attend - See separate document on website for meeting agenda - Attendance required to maintain Committee Member status		S. McNelly	–	Regency Ballroom (3)
9:15 AM – 4:30 PM	Spouses/Companions Tour: Art & Animals - Advance on-line registration required - Day begins at the hotel with an interactive workshop led by a local artist; bus departs afterwards for lunch and zoo - See flyer for details	Tour			
9:15 AM – 9:30 AM	Break (beverages only) - Sponsored by The H-J Family of Companies *				Franklin Foyer (2)
9:30 AM – 10:45 AM	WG Dry Type Reactors PC57.16	Dry Type	A. Del Rio	I	Fairfield (2)
9:30 AM – 10:45 AM	WG Guide of FRA for Liquid Filled Transf. C57.149	PCS	C. Sweetser	I	Knox (2)
9:30 AM – 10:45 AM	WG Partial Discharge Test - C57.113	DiTests	A. Naderian	I	Marion (2)
9:30 AM – 10:45 AM	WG Std Transf. Terminology C57.12.80	Stds	C. Claiborne	I	Morrow (2)
9:30 AM – 10:45 AM	WG Thermal Evaluation C57.100	Ins Life	R. Wicks	I	Union AB (2)
9:30 AM – 10:45 AM	TF Transf Efficiency & Loss Evaluation (DOE Activity)	Distr	P. Hopkinson	I	Union CDE (2)
10:45 AM – 11:00 AM	Break (beverages only) - Sponsored by The H-J Family of Companies *				
11:00 AM – 12:15 PM	WG Overhead Distr. Transf. C57.12.20	Distr	A. Traut	I	Fairfield (2)
11:00 AM – 12:15 PM	WG Control Cabinets PC57.148	Power	J. Watson	I	Knox (2)
11:00 AM – 12:15 PM	TF PC57.12.52 PAR Development	Dry Type	J. Tedesco	I	Marion (2)
11:00 AM – 12:15 PM	WG Bushings Gen. Require. C57.19.00	Bush	P. Zhao	I	Morrow (2)
11:00 AM – 12:15 PM	WG Moisture in Insulation PC57.162	Ins Life	T. Prevost	I	Union AB (2)
11:00 AM – 12:15 PM	TF PCS Cont. Rev. to Test Code C57.12.90	PCS	H. Sahin	–	Union CDE (2)
12:15 PM – 1:30 PM	Standards Development Review Luncheon Everyone is welcome to attend. All SC/WG/TF leaders are highly encouraged to attend. Doors open ~12:00 pm. Come early, get a good seat and start eating. Advance on-line registration required. Admission verified with RFID badge at the door. To listen to the presentation without eating lunch, arrive by 12:30 pm.				Franklin (2)
1:45 PM – 3:00 PM	WG 1-ph Padmount Dist Transf. C57.12.38	Distr	A. Ghafourian	I	Fairfield (2)
1:45 PM – 3:00 PM	WG Dry Type Gen. Requirements C57.12.01	Dry Type	C. Ballard	I	Marion (2)
1:45 PM – 3:00 PM	WG PC57.152 Guide for Field Testing	Stds	M. Ferreira	N	Morrow (2)
1:45 PM – 3:00 PM	WG Transformer Impulse Test Guide PC57.98	DiTests	T. Hochanh	I	Union AB (2)
1:45 PM – 3:00 PM	TF Audible Sound Revision to Test Code	PCS	R. Girgis	–	Union CDE (2)
1:45 PM – 3:00 PM					
3:00 PM – 3:15 PM	Break (beverages and treats) - Sponsored by The H-J Family of Companies *				Franklin Foyer (2)
3:15 PM – 4:30 PM	WG 3-ph Padmount Dist Transf. C57.12.34	Distr	R. Stahara	I	Fairfield (2)
3:15 PM – 4:30 PM	WG Transformer Monitoring C57.143	Power	M. Spurlock	I	Knox (2)
3:15 PM – 4:30 PM	TF IEEE-IEC Cross Reference	Stds	V. Mehrotra	–	Marion (2)
3:15 PM – 4:30 PM	SC HVDC Converter Transfs & Smoothing Reactors	HVDC	U. Radbrandt	-	Morrow (2)
3:15 PM – 4:30 PM	WG Bushing Applicat. Guide C57.19.100	Bush	T. Spitzer	I	Union AB (2)
3:15 PM – 4:30 PM					
4:30 PM – 4:45 PM	Break (beverages only) - Sponsored by The H-J Family of Companies *				Franklin Foyer (2)
4:45 PM – 6:00 PM	WG Sec. Network Protectors C57.12.44	STNP	M. Faulkner	–	Fairfield (2)
4:45 PM – 6:00 PM	TF Bushing Overload	Bush	M. Weisensee	NC	Marion (2)
4:45 PM – 6:00 PM	TF Partial Discharge Tests for Class I Transformers	DiTests	D. Ayers	N	Morrow (2)
4:45 PM – 6:00 PM	WG High Temp Liquid Transformers C57.154	Ins Life	R. Marek	I	Union AB (2)
4:45 PM – 6:00 PM	TF PCS Cont. Revisions to C57.12.00	PCS	T. Ansari	–	Union CDE (2)
4:45 PM – 6:00 PM					
6:30 PM – 10:30 PM	Technical Tour: Weidmann Electrical Grade Paper Mill Advance registration necessary. Space is limited! Admission confirmed with RFID badge at bus. Start loading bus at hotel's North Drop-Off Area (indicated on map) at ~6:15 PM and depart promptly at 6:30 PM. Return at ~10:30 PM. Dinner provided during bus ride to optimize time spent on-site. See website/flyer for more information.	Tech Tour			

TUESDAY, OCTOBER 29 - Tuesday Breaks Sponsored by Central Moloney, Inc. **

No Technical Tours or Social Events Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
7:00 AM – 11:30 AM	Meeting Registration				Franklin Foyer (2)
7:00 AM – 7:50 AM	EL&P Delegation (End-users only please) - Breakfast meeting; arrive early!		J. Murphy	–	Madison (2)
7:00 AM – 8:00 AM	Working Group Officer Training		J. Graham	N	Union CDE (2)
7:00 AM – 8:00 AM	Breakfast - Attendees (no spouses/companions please)				Franklin (2)
7:00 AM – 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees please)				Peppercorn (1)
9:15 AM – 4:30 PM	Spouses/Companions Tour: Historic Bricks & Gardens - Advance on-line registration required - Bus departs 9:15 AM from hotel's North Drop-Off Area (indicated on map) and returns ~4:30 PM; includes lunch - See flyer for details	Tour			
8:00 AM – 9:15 AM	TF Temp Rise Test Procedures C57.12.90, Clause 11	Ins Life	A. Varghese	I	Fairfield (2)
8:00 AM – 9:15 AM	WG Encl Int C57.12.28, C57.12.29, C57.12.31, C57.12.32	Distr	D. Mulkey	I	Knox (2)
8:00 AM – 9:15 AM	WG Station Service Volt. Transf. C57.13.8	Instr TR	D. Wallace	I	Marion (2)
8:00 AM – 9:15 AM	WG Dry Type PD Detection PC57.124	Dry Type	T. Prevost	I	Morrow (2)
8:00 AM – 9:15 AM	TF on Winding Insulation PF	DiTests	D. Robalino	–	Union AB (2)
8:00 AM – 9:15 AM					
9:15 AM – 9:30 AM	<i>Break (beverages only) - Sponsored by Central Moloney, Inc. *</i>				Franklin Foyer (2)
9:30 AM – 10:45 AM	WG Low Frequency Test Guide PC57.168	DiTests	D. Sauer	I	Fairfield (2)
9:30 AM – 10:45 AM	WG Submersible Transf. C57.12.24	STNP	G. Termini	I	Knox (2)
9:30 AM – 10:45 AM	TF Instrument Transf. Accuracy	Instr TR	I. Ziger	N	Marion (2)
9:30 AM – 10:45 AM	WG Temp Measurement PC57.165	Ins Life	P. McClure	I	Morrow (2)
9:30 AM – 10:45 AM	WG Condition Assessment Guide PC57.170	Power	K. Mani	I	Union AB (2)
9:30 AM – 10:45 AM	WG Shunt Reactors C57.21	PCS	S. Som	I	Union CDE (2)
10:45 AM – 11:00 AM	<i>Break (beverages only) - Sponsored by Central Moloney, Inc. *</i>				Franklin Foyer (2)
11:00 AM – 12:15 PM	WG Distrib. Transf. Bushings PC57.19.02	Bush	E. Smith	I	Fairfield (2)
11:00 AM – 12:15 PM	WG Liquid-immersed Sec. Network TRs C57.12.40	STNP	D. Blew	N	Knox (2)
11:00 AM – 12:15 PM	WG PLC Caps & CCVTs PC57.13.9	Instr TR	Z. Roman	I	Marion (2)
11:00 AM – 12:15 PM	WG HVDC Converter Neutral Devices Entity PC 57.32.10	PCS	H. Zhang	N	Morrow (2)
11:00 AM – 12:15 PM	WG Transportation Issues C57.150	Power	G. Anderson	I	Union AB (2)
11:00 AM – 12:15 PM	WG Semicond. Power Rectifier Transfs C57.18.10	PCS	S. Kennedy	I	Union CDE (2)
12:15 PM – 1:30 PM	Awards Luncheon All meeting attendees are encouraged to attend to show appreciation and recognize accomplishments. Doors open ~12:00 pm. Come early, get a good seat and start eating. Advance on-line registration is required. Admission verified with RFID badge at the door.				Franklin (2)
1:45 PM – 3:00 PM	TF Cont. Revision to Low Frequency Tests	DiTests	B. Griesacker	–	Fairfield (2)
1:45 PM – 3:00 PM	TF Bar Coding for Distr Transf. C57.12.35	Distr	R. Chrysler	I	Knox (2)
1:45 PM – 3:00 PM	WG Instrument Transf. Tests PC57.13.2	Instr TR	T. Sizemore	I	Marion (2)
1:45 PM – 3:00 PM	WG Therm Eval of Insul Systems, Dry Type C57.12.60	Dry Type	R. Wicks	I	Morrow (2)
1:45 PM – 3:00 PM	WG Determine Max Winding Temp Rise PC57.169	Ins Life	S. Digby	N	Union AB (2)
1:45 PM – 3:00 PM	WG Consolidation Insulating Fluid Guides PC57.166	IF	T. Prevost	N	Union CDE (2)
3:00 PM – 3:15 PM	<i>Break (beverages and pretzels) - Sponsored by Central Moloney, Inc. *</i>				Franklin Foyer (2)
3:15 PM – 4:30 PM	Entity - TF Freq Domain Spectroscopy of Bush. C57.12.200	DiTests	P. Patel	E/N	Fairfield (2)
3:15 PM – 4:30 PM	TF Effects of Corrosion on Transformers	STNP	W. Elliott	N	Knox (2)
3:15 PM – 4:30 PM	WG Std Terminal Markings C57.12.70	Stds	J. Varnell	I	Marion (2)
3:15 PM – 4:30 PM	TF Volts per Hertz	Power	K. Yule	N	Morrow (2)
3:15 PM – 4:30 PM	WG High-Temp Insulat. Materials, P1276	Ins Life	R. Wicks	I	Union AB (2)
3:15 PM – 4:30 PM	WG Sw Transients Ind by TR/Bkr Interaction PC57.142	PCS	J. McBride	N	Union CDE (2)
4:30 PM – 4:45 PM	<i>Break (beverages only) - Sponsored by Central Moloney, Inc. *</i>				Franklin Foyer (2)
4:45 PM – 6:00 PM	WG Dry Type Test Code C57.12.91	Dry Type	D. Walker	I	Fairfield (2)
4:45 PM – 6:00 PM	WG Guide for Monitoring Distr Transf PC57.167	Distr	G. Hoffman	N	Knox (2)
4:45 PM – 6:00 PM	TF Cont. Rev to Imp. Test - WILL NOT MEET FALL 2019	DiTests	P. Riffon		
4:45 PM – 6:00 PM	WG Loading Guide PC57.91	Ins Life	D. Wallach	I	Union AB (2)
4:45 PM – 6:00 PM	WG Short Circuit Withstand PC57.164	PCS	S. Patel	I	Union CDE (2)
4:45 PM – 6:00 PM					

WEDNESDAY, OCTOBER 30 - Wednesday Breaks Sponsored by Baron USA **

No Registration and no Technical Tours or Spouse/Companion Events Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
7:00 AM – 8:00 AM	Breakfast - Attendees (no spouses/companions please)				Franklin (2)
7:00 AM – 8:00 AM	SC Meetings Planning - Breakfast meeting; arrive early! - All interested individuals welcome	Mtgs	T. Behrens	–	Marion (2)
7:00 AM – 8:00 AM	IEC TC-14 Technical Advisory Group - Breakfast meeting; arrive early! - All interested individuals welcome	++	P. Hopkinson	–	Fairfield (2)
8:00 AM – 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees please)				Peppercorn (1)
8:00 AM – 9:15 AM	SC Instrument Transformers	Instr TR	R. McTaggart	–	Union AB (2)
8:00 AM – 9:15 AM	SC Insulation Life	Ins Life	S. Kennedy	–	Union CDE (2)
9:15 AM – 9:30 AM	<i>Break (beverages only) - Sponsored by Baron USA *</i>				Franklin Foyer (2)
9:30 AM – 10:45 AM	SC Distribution Transformers	Distr	E. Smith	–	Union AB (2)
9:30 AM – 10:45 AM	SC Bushings	Bush	P. Zhao	–	Union CDE (2)
10:45 AM – 11:00 AM	<i>Break (beverages only) - Sponsored by Baron USA *</i>				Franklin Foyer (2)
11:00 AM – 12:15 PM	SC Submersible Transf. & Network Protectors	STNP	G. Payerle	–	Union AB (2)
11:00 AM – 12:15 PM	SC Dielectric Test	DiTests	A. Varghese	–	Union CDE (2)
12:15 PM – 1:30 PM	<i>Lunch (on your own)</i>				
1:30 PM – 2:45 PM	SC Dry Type Transformers	Dry Type	C. Johnson	–	Union AB (2)
1:30 PM – 2:45 PM	SC Power Transformers	Power	B. Griesacker	–	Union CDE (2)
2:45 PM – 3:00 PM	<i>Break (beverages and treats) - Sponsored by Baron USA *</i>				Franklin Foyer (2)
3:00 PM – 4:15 PM	SC Insulating Fluids	IF	D. Wallach	–	Union AB (2)
3:00 PM – 4:15 PM	SC Performance Characteristics	PCS	C. Stiegemeier	–	Union CDE (2)
4:15 PM – 4:30 PM	<i>Break (beverages only) - Sponsored by Baron USA *</i>				Franklin Foyer (2)
4:30 PM – 5:45 PM	SC Standards	Stds	J. Murphy	–	Union AB (2)
6:00 PM – 10:00 PM	COSI (Center of Science & Industry) - Advance on-line registration required; admission confirmed with RFID name badge - First shuttle bus departs Hyatt Regency at the North Drop-Off Area (indicated on the map) at 6:00 PM for COSI and will run every 15 minutes until 7 PM; first return shuttle departs COSI at 8:15 PM and will run approx. every 15 minutes until 10:00 PM - Enjoy exhibits before dinner; after dinner, ride the unicycle highrope, experience science carts & explore the Dinosaurs exhibit. - Hors d'oeuvres, buffet dinner and cash bars (credit cards accepted and ATM on-site); see flyer for details	Social			

THURSDAY, OCTOBER 31

No Meeting Registration, Spouse/Companion Tours, or Social Events Planned

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
7:00 AM – 8:00 AM	Breakfast - Attendees (no spouses/companions please)				Franklin (2)
8:00 AM – 9:30 AM	Breakfast - Spouses/Companions (no meeting attendees please)				Peppercorn (1)
8:00 AM – 9:15 AM	Technical Presentation 1 "Tutorial on CIGRE Technical Brochure: Guidelines for Partial Discharge Detection Using Conventional (IEC 60270) and Unconventional Methods" by Jitka Fuhr and Janusz Szczechowski - See flyer on website for details **	Tutorial			Regency Ballroom (3)
9:15 AM – 9:30 AM	<i>Break (beverages only)</i>				Regency Foyer (3)
9:30 AM – 10:45 AM	Technical Presentation 2 "Embedded Optical Sensing Systems for Distribution Transformer Monitoring" by Ajay Raghavan and Bradley Kittrell - See flyer on website for details **	Tutorial			Regency Ballroom (3)
10:45 AM – 11:00 AM	<i>Break (beverages only)</i>				Regency Foyer (3)
11:00 AM – 12:00 PM	Closing Session - All attendees are encouraged to attend - See separate document on website for meeting agenda		S. McNelly		Regency Ballroom (3)
12:00 PM	<i>Lunch (on your own)</i>				
1:00 PM – 4:30 PM	Technical Tour: AEP Transmission Training Center Advance registration necessary. Space is limited to one bus! Admission confirmed with RFID badge at bus. Start loading bus at hotel's North Drop-Off Area (indicated on map) at ~12:45 PM and depart promptly at 1:00 PM. Return at ~4:30 PM. Box lunch provided on bus to optimize time spent on-site. See website/flyer for more information.	Tech Tour			

* Contact Ed Smith (edsmith@ieee.org) if you are interested in sponsoring a day of coffee breaks at a future meeting.

** Contact Tom Prevost (tprevost@ieee.org) if you are interested in making a technical presentation at a future meeting.

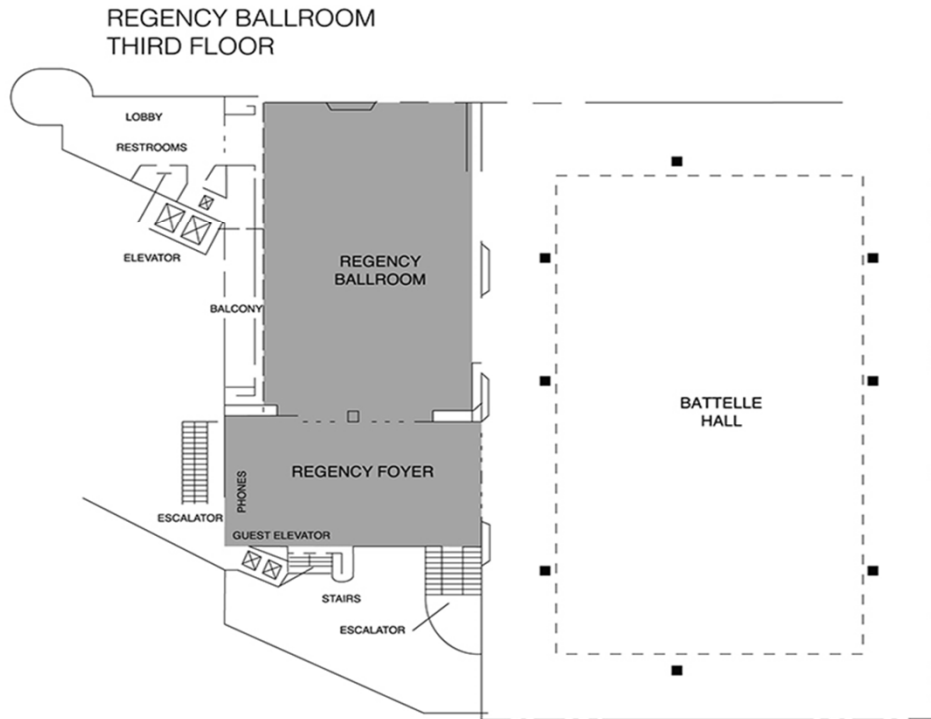
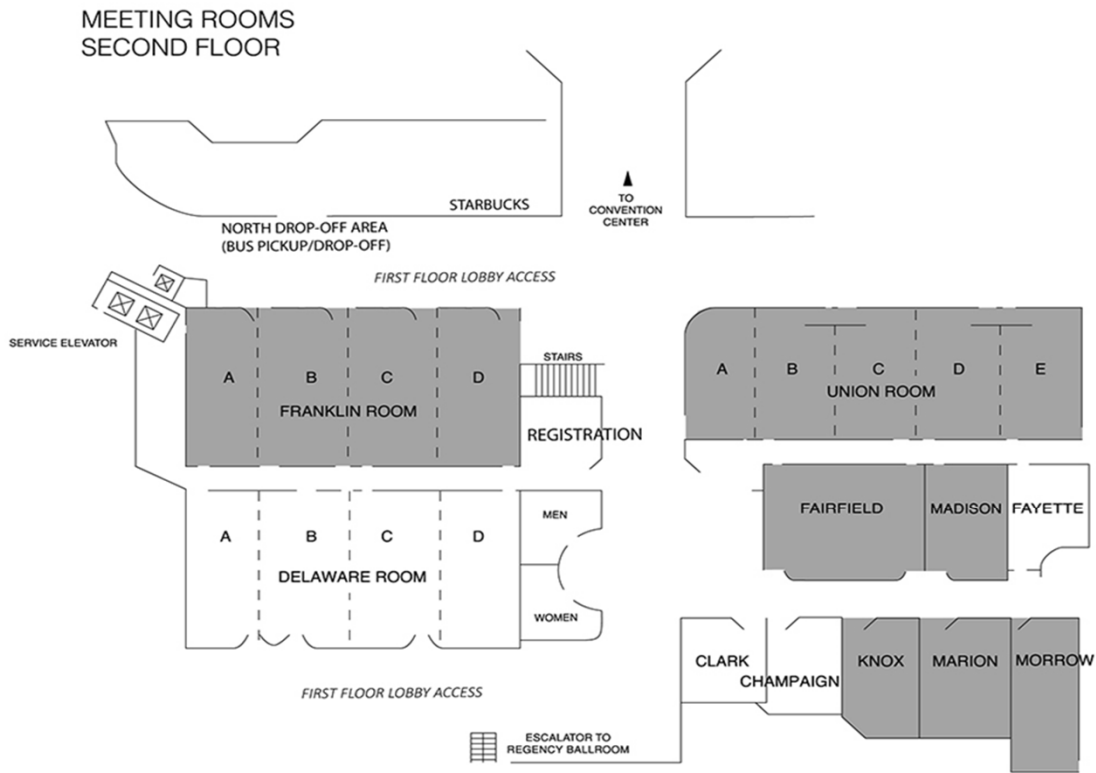
FRIDAY, NOVEMBER 1

No Events Planned

FUTURE COMMITTEE MEETINGS

Spring 2020: Charlotte, North Carolina, March 22 – 26, 2020

Fall 2020: Kansas City, Missouri, October 18 – 22, 2020



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SUBCOMMITTEE MEETING LIST

FALL 2019 MEETING: OCTOBER 27 TO OCTOBER 31

Hyatt Regency Columbus Hotel; Columbus, Ohio USA

Date	Time Start	Time End	Session Title	Track	Chair	Room/Location
10/27/2019	2:00 PM	5:30 PM	Administrative Subcommittee - Closed meeting, by invitation only	Admin	S. McNelly	Fairfield (2)
10/28/2019	11:00 AM	12:15 PM	WG Bushings Gen. Require. C57.19.00	Bush	P. Zhao	Morrow (2)
10/28/2019	3:15 PM	4:30 PM	WG Bushing Applcat. Guide C57.19.100	Bush	T. Spitzer	Union AB (2)
10/28/2019	4:45 PM	6:00 PM	TF Bushing Overload	Bush	M. Weisensee	Marion (2)
10/29/2019	11:00 AM	12:15 PM	WG Distrib. Transf. Bushings PC57.19.02	Bush	E. Smith	Fairfield (2)
10/30/2019	9:30 AM	10:45 AM	SC Bushings	Bush	P. Zhao	Union CDE (2)
10/28/2019	9:30 AM	10:45 AM	TF Transf Efficiency & Loss Evaluation (DOE Activity)	Distr	P. Hopkinson	Union CDE (2)
10/28/2019	11:00 AM	12:15 PM	WG Overhead Distr. Transf. C57.12.20	Distr	A. Traut	Fairfield (2)
10/28/2019	1:45 PM	3:00 PM	WG 1-ph Padmount Dist Transf. C57.12.38	Distr	A. Ghafourian	Fairfield (2)
10/28/2019	3:15 PM	4:30 PM	WG 3-ph Padmount Dist Transf. C57.12.34	Distr	R. Stahara	Fairfield (2)
10/29/2019	8:00 AM	9:15 AM	WG Encl Int C57.12.28, C57.12.29, C57.12.31, C57.12.32	Distr	D. Mulkey	Knox (2)
10/29/2019	1:45 PM	3:00 PM	TF Bar Coding for Distr Transf. C57.12.35	Distr	R. Chrysler	Knox (2)
10/29/2019	4:45 PM	6:00 PM	WG Guide for Monitoring Distr Transf PC57.167	Distr	G. Hoffman	Knox (2)
10/30/2019	9:30 AM	10:45 AM	SC Distribution Transformers	Distr	E. Smith	Union AB (2)
10/28/2019	7:00 AM	7:50 AM	Distribution & STNP SC Leaders Coordination - Closed breakfast meeting, by invitation only	Distr/STNP	E. Smith/G. Payerl	Knox (2)
10/28/2019	9:30 AM	10:45 AM	WG Partial Discharge Test - C57.113	DiTests	A. Naderian	Marion (2)
10/28/2019	1:45 PM	3:00 PM	WG Transformer Impulse Test Guide PC57.98	DiTests	T. Hochanh	Union AB (2)
10/28/2019	4:45 PM	6:00 PM	TF Partial Discharge Tests for Class I Transformers	DiTests	D. Ayers	Morrow (2)
10/29/2019	8:00 AM	9:15 AM	TF on Winding Insulation PF	DiTests	D. Robalino	Union AB (2)
10/29/2019	9:30 AM	10:45 AM	WG Low Frequency Test Guide PC57.168	DiTests	D. Sauer	Fairfield (2)
10/29/2019	1:45 PM	3:00 PM	TF Cont. Revision to Low Frequency Tests	DiTests	B. Griesacker	Fairfield (2)
10/29/2019	3:15 PM	4:30 PM	Entity - TF Freq Domain Spectroscopy of Bush. C57.12.200	DiTests	P. Patel	Fairfield (2)
10/29/2019	4:45 PM	6:00 PM	TF Cont. Rev to Imp. Test - WILL NOT MEET FALL 2019	DiTests	P. Riffon	
10/30/2019	11:00 AM	12:15 PM	SC Dielectric Test	DiTests	A. Varghese	Union CDE (2)
10/28/2019	9:30 AM	10:45 AM	WG Dry Type Reactors PC57.16	Dry Type	A. Del Rio	Fairfield (2)
10/28/2019	11:00 AM	12:15 PM	TF PC57.12.52 PAR Development	Dry Type	J. Tedesco	Marion (2)
10/28/2019	1:45 PM	3:00 PM	WG Dry Type Gen. Requirements C57.12.01	Dry Type	C. Ballard	Marion (2)
10/29/2019	8:00 AM	9:15 AM	WG Dry Type PD Detection PC57.124	Dry Type	T. Prevost	Morrow (2)
10/29/2019	1:45 PM	3:00 PM	WG Therm Eval of Insul Systems, Dry Type C57.12.60	Dry Type	R. Wicks	Morrow (2)
10/29/2019	4:45 PM	6:00 PM	WG Dry Type Test Code C57.12.91	Dry Type	D. Walker	Fairfield (2)
10/30/2019	1:30 PM	2:45 PM	SC Dry Type Transformers	Dry Type	C. Johnson	Union AB (2)
10/28/2019	3:15 PM	4:30 PM	SC HVDC Converter Transfs & Smoothing Reactors	HVDC	U. Radbrandt	Morrow (2)
10/29/2019	1:45 PM	3:00 PM	WG Consolidation Insulating Fluid Guides PC57.166	IF	T. Prevost	Union CDE (2)
10/30/2019	3:00 PM	4:15 PM	SC Insulating Fluids	IF	D. Wallach	Union AB (2)
10/28/2019	9:30 AM	10:45 AM	WG Thermal Evaluation C57.100	Ins Life	R. Wicks	Union AB (2)
10/28/2019	11:00 AM	12:15 PM	WG Moisture in Insulation PC57.162	Ins Life	T. Prevost	Union AB (2)
10/28/2019	4:45 PM	6:00 PM	WG High Temp Liquid Transformers C57.154	Ins Life	R. Marek	Union AB (2)
10/29/2019	8:00 AM	9:15 AM	TF Temp Rise Test Procedures C57.12.90, Clause 11	Ins Life	A. Varghese	Fairfield (2)
10/29/2019	9:30 AM	10:45 AM	WG Temp Measurement PC57.165	Ins Life	P. McClure	Morrow (2)
10/29/2019	1:45 PM	3:00 PM	WG Determine Max Winding Temp Rise PC57.169	Ins Life	S. Digby	Union AB (2)
10/29/2019	3:15 PM	4:30 PM	WG High-Temp Insulat. Materials, P1276	Ins Life	R. Wicks	Union AB (2)
10/29/2019	4:45 PM	6:00 PM	WG Loading Guide PC57.91	Ins Life	D. Wallach	Union AB (2)
10/30/2019	8:00 AM	9:15 AM	SC Insulation Life	Ins Life	S. Kennedy	Union CDE (2)
10/29/2019	8:00 AM	9:15 AM	WG Station Service Volt. Transf. C57.13.8	Instr TR	D. Wallace	Marion (2)
10/29/2019	9:30 AM	10:45 AM	TF Instrument Transf. Accuracy	Instr TR	I. Ziger	Marion (2)
10/29/2019	11:00 AM	12:15 PM	WG PLC Caps & CCVTs PC57.13.9	Instr TR	Z. Roman	Marion (2)
10/29/2019	1:45 PM	3:00 PM	WG Instrument Transf. Tests PC57.13.2	Instr TR	T. Sizemore	Marion (2)
10/30/2019	8:00 AM	9:15 AM	SC Instrument Transformers	Instr TR	R. McTaggart	Union AB (2)
10/30/2019	7:00 AM	8:00 AM	SC Meetings Planning - Breakfast meeting; arrive early! - All interested individuals welcome	Mtgs	T. Behrens	Marion (2)

SUBCOMMITTEE MEETING LIST

FALL 2019 MEETING: OCTOBER 27 TO OCTOBER 31
Hyatt Regency Columbus Hotel; Columbus, Ohio USA

Date	Time Start	Time End	Session Title	Track	Chair	Room/Location
10/28/2019	9:30 AM	10:45 AM	WG Guide of FRA for Liquid Filled Transf. C57.149	PCS	C. Sweetser	Knox (2)
10/28/2019	11:00 AM	12:15 PM	TF PCS Cont. Rev. to Test Code C57.12.90	PCS	H. Sahin	Union CDE (2)
10/28/2019	1:45 PM	3:00 PM	TF Audible Sound Revision to Test Code	PCS	R. Girgis	Union CDE (2)
10/28/2019	4:45 PM	6:00 PM	TF PCS Cont. Revisions to C57.12.00	PCS	T. Ansari	Union CDE (2)
10/29/2019	9:30 AM	10:45 AM	WG Shunt Reactors C57.21	PCS	S. Som	Union CDE (2)
10/29/2019	11:00 AM	12:15 PM	WG HVDC Converter Neutral Devices Entity PC 57.32.10	PCS	H. Zhang	Morrow (2)
10/29/2019	11:00 AM	12:15 PM	WG Semicond. Power Rectifier Transfs C57.18.10	PCS	S. Kennedy	Union CDE (2)
10/29/2019	3:15 PM	4:30 PM	WG Sw Transients Ind by TR/Bkr Interaction PC57.142	PCS	J. McBride	Union CDE (2)
10/29/2019	4:45 PM	6:00 PM	WG Short Circuit Withstand PC57.164	PCS	S. Patel	Union CDE (2)
10/30/2019	3:00 PM	4:15 PM	SC Performance Characteristics	PCS	C. Stiegemeier	Union CDE (2)
10/28/2019	11:00 AM	12:15 PM	WG Control Cabinets PC57.148	Power	J. Watson	Knox (2)
10/28/2019	3:15 PM	4:30 PM	WG Transformer Monitoring C57.143	Power	M. Spurlock	Knox (2)
10/29/2019	9:30 AM	10:45 AM	WG Condition Assessment Guide PC57.170	Power	K. Mani	Union AB (2)
10/29/2019	11:00 AM	12:15 PM	WG Transportation Issues C57.150	Power	G. Anderson	Union AB (2)
10/29/2019	3:15 PM	4:30 PM	TF Volts per Hertz	Power	K. Yule	Morrow (2)
10/30/2019	1:30 PM	2:45 PM	SC Power Transformers	Power	B. Griesacker	Union CDE (2)
10/28/2019	9:30 AM	10:45 AM	WG Std Transf. Terminology C57.12.80	Stds	C. Claiborne	Morrow (2)
10/28/2019	1:45 PM	3:00 PM	WG PC57.152 Guide for Field Testing	Stds	M. Ferreira	Morrow (2)
10/28/2019	3:15 PM	4:30 PM	TF IEEE-IEC Cross Reference	Stds	V. Mehrotra	Marion (2)
10/29/2019	3:15 PM	4:30 PM	WG Std Terminal Markings C57.12.70	Stds	J. Varnell	Marion (2)
10/30/2019	4:30 PM	5:45 PM	SC Standards	Stds	J. Murphy	Union AB (2)
10/28/2019	4:45 PM	6:00 PM	WG Sec. Network Protectors C57.12.44	STNP	M. Faulkner	Fairfield (2)
10/29/2019	9:30 AM	10:45 AM	WG Submersible Transf. C57.12.24	STNP	G. Termini	Knox (2)
10/29/2019	11:00 AM	12:15 PM	WG Liquid-immersed Sec. Network TRs C57.12.40	STNP	D. Blew	Knox (2)
10/29/2019	3:15 PM	4:30 PM	TF Effects of Corrosion on Transformers	STNP	W. Elliott	Knox (2)
10/30/2019	11:00 AM	12:15 PM	SC Submersible Transf. & Network Protectors	STNP	G.Payerle	Union AB (2)