IEEE/PES TRANSFORMERS COMMITTEE

www.transformerscommittee.org
Fall 2015 Meeting; November 1-5
Hosted by Mitsubishi Electric Power Products, Inc.
The Peabody Memphis Hotel; Memphis, Tennessee USA

See Page 4 for a key to abbreviations.
PECC = Peabody Executive Conference Center

DATE/TIME Friday, October 30	<u>ACTIVITY</u>	SUB- COM	ACTIVITY CHAIR	ROOM <u>Cap/arr/av</u>	MEETING ROOM
1:00 pm - 5:00 pm >	WG Step-Voltage Regulators 60076-57-15	Dist	C. Colopy	20 US	Galaxie (PECC)
Saturday, October 31	1				
TBD	TBD			15 US	Lansdowne (PECC)
> 8:00 am - 5:00 pm >	WG Step-Voltage Regulators 60076-57-15	Dist	C. Colopy	20 US	Galaxie (PECC)
6:00 pm until ??	Early Bird Event: Grizzlies NBA Basketball e Advance on-line registration necessary. I Meet in hotel lobby at 5:45 pm. We will we Our private event area opens at 6:00 pm.	Limited at alk togeth	tendance. Will s ner to FedExFort	sell out early! See fly um (4-5-minute walk)	er for details.
Sunday, November 1					
7:30 am - 3:30 pm	Technical Tour: ABB Transformer Componer All attendees & spouses/companions well Buses depart Peabody at 7:30 am and re Register on-line, or contact Ms. Lisa Q. C	come, but turn ~3:30	t advance registr) pm. Special re	ation necessary. turn by 1:00 pm upo	
1:00 pm - <u>5:30 pm</u>	Meeting Registration				East Mezzanine
2:00 pm - 5:30 pm	Administrative SC Closed meeting, by invitation only	Admin.	D. Platts	24 US	Venetian Room
<u>2:00 pm</u> - 5:30 pm	NEMA Transformers Closed meeting, by invitation only	++	C. Drexler	16 US	Forest
6:00 pm - 8:00 pm Monday, November 2	Welcome Reception 2 Monday Breaks Sponsored by Bard	on USA '	**	450 Reception	Skyway (rooftop)
7:00 am - 5:00 pm	Meeting Registration				East Mezzanine
<u>7:00 am</u> - 7:50 am	Newcomers Orientation Breakfast Meeting; arrive early! Newcomers & Guests are encouraged to	attend!	S. Antosz	60 CL S2 (with buffet)	Venetian
7:00 am - 7:50 am	Distribution SC Leaders Coordination Closed breakfast meeting, by invitation or	nly	S. Shull	16 BD	Brinkley
7:00 am - 8:00 am	Breakfast - Attendees (no spouses/compan	ions plea	se)	270 RT (9/tbl)	Skyway (rooftop)
8:00 am - 9:30 am	Breakfast - Spouses/Companions (no meet	ing attend	lees please)	96 RT (8/tbl)	Forest
9:15 am - 3:30 pm	Spouses/Companions Tour: "Memphis Beat-Advance registration required. Limited at Bus departs The Peabody at 9:15 am, an	tendance	. See flyer for de	etails.	afé, and Graceland.
8:00 am - 9:15 am >	Opening Session All attendees are encouraged to attend See separate document for meeting ager Attendance recorded as eligibility for Con		D. Platts embership	231 CL S1 ~319 TH ~550 TOTAL	Grand Ballroom ABC
9:15 am - 9:30 am	Break (beverages only)			Mezzanine South	& Ballroom Foyer

^{**} Contact Joe Watson (joe_watson@ieee.org) if you are interested in sponsoring a coffee-break at a future meeting.

DATE/TIME	ACTIVITY	SUB- COM	ACTIVITY CHAIR	ROOM CAP/ARR/AV	MEETING ROOM
Monday, November 2	(continued)				
	TF Winding Temp. Indicators	H-	Will not meet.	Task is complete.	_
9:30 am - 10:45 am	TF Thermal Evaluation of Insulation Systems, Dry Type C57.12.60	Dry	C. Ballard	60 MX	Venetian
9:30 am - 10:45 am	WG Submersible Transf. C57.12.24	UTNP	G. Termini	80 MX S2	Grand Ballroom D
9:30 am - 10:45 am	WG External Dielectric Clearances	DiTests	E. Davis	150 MX S3	Continental BR
9:30 am - 10:45 am	WG Tertiary/Stabilizing Windings PC57.158	PCS	E. Betancourt	150 MX S3	Grand Ballroom A
9:30 am - 10:45 am	TF Consolidation of Oil Guides	IF	T. Prevost	200 MX S3	Grand Ballroom B
9:30 am - 10:45 am	TBD			200 MX S3	Grand Ballroom C
10:45 am - <u>11:15 am</u>	Break (beverages only) This break is 30 minutes long. Go watch hotel lobby. Who will be the Honorary Du			Mezzanine South	& Ballroom Foyer
11:15 am - 12:15 pm	WG Ventilated Dry Type C57.12.51	Dry	S. Som	60 MX	Venetian
11:15 am - 12:15 pm	WG PD Acoustic Detection C57.127	DiTests	D. Gross	80 MX S2	Grand Ballroom D
11:15 am - 12:15 pm	WG Overhead Distr. Transf. C57.12.20	Dist	A. Traut	150 MX S3	Continental BR
11:15 am - 12:15 pm	TBD			150 MX S3	Grand Ballroom A
11:15 am - 12:15 pm	WG Moisture in Insulation PC57.162	IL	T. Prevost	200 MX S3	Grand Ballroom B
<u>11:15 am</u> - 12:15 pm	WG PCS Rev. to Test Code C57.12.90	PCS	M. Perkins	200 MX S3	Grand Ballroom C
12:15 pm - 1:30 pm	Lunch Meeting: Standards Development Re	eview	B. Bartley	200 RT (8/tbl)	Skyway (rooftop)
	Everyone is welcome to attend. All SC/W Doors open ~12:00 pm. Come early, get a Advance registration necessary. No pape	a good sea	at, and start eati	ng.	
	WG Tank Rupture & Mitigation PC57.156	Power	Will not meet.	Document in final d	levelopment.
1:45 pm - 3:00 pm	WG Dry Type Gen. Require. C57.12.01	Dry	T. Holdway	60 MX	Venetian
1:45 pm - 3:00 pm	WG Sec. Network Protectors C57.12.44	UTNP	B. Wimmer	80 MX S2	Grand Ballroom D
1:45 pm - 3:00 pm	WG 1-ph Padmount Dist Transf. C57.12.38	Dist	A. Ghafourian	150 MX S3	Continental BR
1:45 pm - 3:00 pm	TF Thru-Fault Current Duration PC57.109	PCS	V. Mehrotra	150 MX S3	Grand Ballroom A
1:45 pm - 3:00 pm	WG Installation of Power Transf. C57.93	Power	M. Lau	200 MX S3	Grand Ballroom B
1:45 pm - 3:00 pm	TF Audible Sound Revision to Test Code	PCS	R. Girgis	200 MX S3	Grand Ballroom C
3:00 pm - 3:15 pm	Break (beverages <u>and treats</u>)			Regency Foyer	
3:15 pm - 4:30 pm	WG Milli-amp Current Transf. C57.13.7	IT	H. Alton	60 MX	Venetian
3:15 pm - 4:30 pm	SC HVDC Converter Transformers and Smoothing Reactors	HVDC	M. Sharp	80 MX S2	Grand Ballroom D
3:15 pm - 4:30 pm	WG 3-ph Padmount Dist Transf. C57.12.34	Dist	R. Stahara	150 MX S3	Continental BR
3:15 pm - 4:30 pm	WG Natural Ester-Based Fluids C57.147	IF	P. McShane	150 MX S3	Grand Ballroom A
3:15 pm - 4:30 pm	WG Dielectric Freq. Response PC57.161	DiTest	A. Naderian	200 MX S3	Grand Ballroom B
3:15 pm - 4:30 pm	WG Transformer Capability with Non-sinusoidal Loads PC57.110	PCS	R. Marek	200 MX S3	Grand Ballroom C
4:30 pm - 4:45 pm	Break (beverages only)			Mezzanine South	& Ballroom Foyer
	WG Dry Type O&M Guide C57.94	Dry	Will not meet.	Resolving ballot co	mments.
	WG Oil Accept & Maint. Guide C57.106	₩	Will not meet.	Resolving ballot co	mments.
4:45 pm - 6:00 pm	TBD			60 MX	Venetian
4:45 pm - 6:00 pm	WG PD in Bushings & PT/CTs PC57.160	DiTests	T. Hochanh	80 MX S2	Grand Ballroom D
> 4:45 pm - 6:00 pm	WG Step-Voltage Regulators C57.15 / 60076-21 (cont'd from Sat)	Dist	C. Colopy	150 MX S3	Continental BR
4:45 pm - 6:00 pm	TBD			150 MX S3	Grand Ballroom A
4:45 pm - 6:00 pm	WG Life Extension C57.140	Power	P. Boman	200 MX S3	Grand Ballroom B
4:45 pm - 6:00 pm	WG PCS Revisions to C57.12.00	PCS	T. Ansari	200 MX S3	Grand Ballroom C
6:00 pm - 10:00 pm	Technical Tour: Mitsubishi Electric Transforr				

<u>Technical Tour</u>: Mitsubishi Electric Transformer Manufacturing Facility. <u>By Invitation Only</u>.

-- Buses begin loading at The Peabody at 6:00 pm. Last bus departs at 6:30 pm.

-- Dinner served at factory. Return to Peabody ~10:00 pm.

-- For details, contact Andrea Pesonen at +1.901.566.3863 or <andrea.pesonen@meppi.com>

DATE/TIME	ACTIVITY	SUB- COM	ACTIVITY CHAIR	ROOM CAP/ARR/AV	MEETING ROOM
7:00 am - <u>12:00 pm</u>	3 Tuesday Breaks Sponsored by Bro Meeting Registration	ocknaus	Measurement	<u>'S **</u>	East Mezzanine
7:00 am - 8:00 am	Breakfast - Attendees (no spouses/compan	ione nlase	رم:	270 RT (9/tbl)	Skyway (rooftop)
8:00 am - 9:30 am	Breakfast - Spouses/Companions (no meet			96 RT (8/tbl)	Forest
		ing allend	. ,	. ,	
<u>7:00 am</u> - 7:50 am	EL&P Delegation (end-users only please) Breakfast Meeting; arrive early		J. Murphy	36 CL S2 (with buffet)	Louis XVI
9:15 am - 3:30 pm	Spouses/Companions Tour: "Creative Exploration required. Limited at Bus departs The Peabody at 9:15 am, an	tendance.	See flyer for de	arden & food truck lu etails.	ınch, Metal Museum.
	WG Geomagnetic Disturbances PC57.163	Stds	Will not meet.	Document in final d	levelopment.
8:00 am - 9:15 am	WG Station Service Voltage Transformers	IT	D. Wallace	60 MX	Venetian
8:00 am - 9:15 am	TF Limits for Winding Insulation PF/Resistance (New!)	DiTests	S. Tarlapally	80 MX S2	Grand Ballroom D
8:00 am - 9:15 am	WG Enclosure Integrity C57.12.28, C57.12.29, C57.12.31, C57.12.32	Dist	D. Mulkey	160 MX S3	Continental BR
8:00 am - 9:15 am	TF Composite Bushings (New!)	Bush	J. Graham	150 MX S3	Grand Ballroom A
8:00 am - 9:15 am	WG Revision to C57.12.10	Power	G. Hoffman	200 MX S3	Grand Ballroom B
8:00 am - 9:15 am	WG Functional Life Tests, De-energized Tap Changers (DETC) PC57.157	Power	P. Hopkinson	200 MX S3	Grand Ballroom C
9:15 am - 9:30 am	Break (beverages only)			Mezzanine South	& Ballroom Foyer
	TF Committee History	Mtgs	Will not meet a	at this meeting.	
9:30 am - 10:45 am	WG Reg. for Instrument Transf. C57.13	IT	R. McTaggart	60 MX	Venetian
9:30 am - 10:45 am	WG 1-Ph Submersible Transf. C57.12.23	UTNP	A. Traut	80 MX S2	Grand Ballroom D
9:30 am - 10:45 am	TBD			160 MX S3	Continental BR
9:30 am - 10:45 am	TF for Distribution Transf. Bushings	Bush	S. Shull	150 MX S3	Grand Ballroom A
9:30 am - 10:45 am	WG Shunt Reactors C57.21	PCS	S. Som	200 MX S3	Grand Ballroom B
9:30 am - 10:45 am	WG Wind Turbine Transf. P60076-16	PCS	D. Buckmaste		Grand Ballroom C
10:45 am - 11:00 am	Break (beverages only)			Mezzanine South	& Ballroom Foyer
	WG Impulse Tests C57.138 (Distribution)	DiTests	Will not meet.	Resolving ballot co	
	WG Guide for DGA in LTCs C57.139	IF		Resolving ballot co	
11:00 am - 12:15 pm	WG Liquid-immersed Secondary Network Transformers C57.12.40	UTNP	B. Klaponski	60 MX	Venetian
11:00 am - 12:15 pm >	WG Phase Shift Transf. 60076-57-1202 (continued on Thurs afternoon)	Power	R. Ahuja	80 MX S2	Grand Ballroom D
11:00 am - 12:15 pm	TBD			160 MX S3	Continental BR
11:00 am - 12:15 pm	WG GSU Bushings PC57.19.04	Bush	S. Digby	150 MX S3	Grand Ballroom A
11:00 am - 12:15 pm	TBD			200 MX S3	Grand Ballroom B
11:00 am - 12:15 pm	WG Loss Evaluation Guide C57.120	PCS	M. Miller	200 MX S3	Grand Ballroom C
12:15 pm - 1:30 pm	Awards Luncheon		B. Chiu	216 RT (8/tbl)	Skyway (rooftop)
	Doors open ~12:00 pm. Come early, get Advance registration necessary. No paper	a good se er tickets.	eat, and start eat Admission verif	ing. ied with RFID namel	padge at the door.
	All meeting attendees are encourage		. It's a great v	vay to show your	appreciation and
	help us recognize our accomplishme	ents.			
1:45 pm - 3:00 pm	WG 3-ph Transf. Connections PC57.105	PCS	A. Bromley	60 MX	Venetian
1:45 pm - 3:00 pm	TF Tap-Changer C57.131 / 60214-1	Power	C. Colopy	80 MX S2	Grand Ballroom D
1:45 pm - 3:00 pm	WG Distr. Substation Transf. C57.12.36	Dist	J. Murphy	160 MX S3	Continental BR
1:45 pm - 3:00 pm	TBD			150 MX S3	Grand Ballroom A
1:45 pm - 3:00 pm	WG Revision to Low Frequency Tests	DiTests	B. Poulin	200 MX S3	Grand Ballroom B
1:45 pm - 3:00 pm	WG DPV Grid Transformers PC57.159	PCS	H. Shertukde	200 MX S3	Grand Ballroom C
3:00 pm - 3:15 pm	Break (beverages and Pretzels!)			Mezzanine South	& Ballroom Foyer

^{**} Contact Joe Watson (joe_watson@ieee.org) if you are interested in sponsoring a coffee-break at a future meeting.

KEY

Note: A PC projector will be furnished in each meeting room. Arrive early to ensure that equipment operates/syncs correctly.

Overhead projectors are available from the hotel with advance notice.

> -- activity continued into another session / from another session

++ -- not a Transformers Committee activity TBD = "To Be Determined"

FC = flip chart; S1 = sound (special set-up)

S2 = stand mic in front only; S3 = one stand mic in front & stand mic(s) at mid-room

BD -- boardroom

US -- U-shape RT -- multiple roundtables

CL -- classroom seating (w/head table for 2)

TH -- theater seating (w/head table for 2)

MX -- mix classroom & theater (w/head table)

		SUB-	ACTIVITY	ROOM	MEETING
DATE/TIME	<u>ACTIVITY</u>	COM	<u>CHAIR</u>	CAP/ARR/AV	ROOM
Tuesday, November	r 3 (continued)				
	TF Core Gassing & Grounding	PCS	Will not meet.	Task is complete.	
3:15 pm - 4:30 pm	WG Dry Type Test Code C57.12.91	Dry	D. Foster	60 MX	Venetian
3:15 pm - 4:30 pm	WG Tap-Changer Applic. Guide 60214-2	Power	C. Colopy	80 MX S2	Grand Ballroom D
3:15 pm - 4:30 pm	WG Test Data Reporting C57.12.37	Dist	T. Callsen	160 MX S3	Continental BR
3:15 pm - 4:30 pm	WG Std Require for Bushings C57.19.01	Bush	S. Zhang	150 MX S3	Grand Ballroom A
3:15 pm - 4:30 pm	WG Application of High-Temp Insulation Materials, IEEE P-1276	IL	R. Wicks	200 MX S3	Grand Ballroom B
3:15 pm - 4:30 pm	TF Switching Transients Induced by Transf/Breaker Interaction C57.142	PCS	J. McBride	200 MX S3	Grand Ballroom C
4:30 pm - 4:45 pm	Break (beverages only)			Mezzanine South	& Ballroom Foyer
	WG Neutral Grounding Devices PC57.32	PCS	Will not meet.	Resolving ballot co	mments.
	WG Transf. Paralleling Guide PC57.153	Power	Will not meet.	Document complet	e.
4:45 pm - 6:00 pm	TBD			60 MX	Venetian
4:45 pm - 6:00 pm	TF for Cross Reference of IEEE to IEC	Stds	V. Mehrotra	80 MX S2	Grand Ballroom D
4:45 pm - 6:00 pm	WG Tank Pressure Coordinat. C57.12.39	Dist	C. Gaytan	160 MX S3	Continental BR
4:45 pm - 6:00 pm	TF Short Circuit Design Criteria (New!)	PCS	D. Buckmaster	150 MX S3	Grand Ballroom A
4:45 pm - 6:00 pm	WG Revision to Gas Guide C57.104	IF	R. Ladroga	200 MX S3	Grand Ballroom B
4:45 pm - 6:00 pm	WG Revisions to Impulse Test Sections of C57.12.00 and C57.12.90	DiTests	P. Riffon	200 MX S3	Grand Ballroom C
	N T I : IT				

No Technical Tours or Social Events Planned

Wednesday, November 4 -- Wednesday Breaks Sponsored by R.L. Components **

	No Meeting Registration, No Technical T	ours, No Spo	ouse/Companion	Tours	
7:00 am - 8:00 am	Breakfast - Attendees (no spouses/comp	anions pleas	se)	252 RT (9/tbl)	Skyway (rooftop)
8:00 am - 9:30 am	Breakfast - Spouses/Companions (no mo	eeting attend	ees please)	88 RT (8/tbl)	Forest
7:00 am - 7:50 am	SC Meetings Planning	Mtgs	G. Anderson	24 CL	Louis XVI
7:00 am - 8:30 am	IEC TC-14 Technical Advisory Group Breakfast Meeting; arrive early All interested individuals welcome	++	P. Hopkinson	80 CL S2 (with buffet)	Continental BR
8:00 am - 9:15 am	SC Instrument Transformers	IT	R. McTaggart	80 MX S2	Grand Ballroom D
8:00 am - 9:15 am	SC Insulation Life	IL	B. Forsyth	350 MX S3	Grand Ballroom AB
9:15 am - 9:30 am	Break (beverages only)			Mezzanine South	& Ballroom Foyer
9:30 am - 10:45 am	SC Bushings	Bush	P. Zhao	200 MX S3	Grand Ballroom C
9:30 am - 10:45 am	SC Distribution Transformers	Dist	S. Shull	350 MX S3	Grand Ballroom AB
10:45 am - 11:00 am	Break (beverages only)			Mezzanine South	& Ballroom Foyer
11:00 am - 12:15 pm	SC UG Transf. & Network Protectors	UTNP	D. Mulkey	80 MX S2	Grand Ballroom D
11:00 am - 12:15 pm	SC Dielectric Tests	DiTests	M. Franchek	350 MX S3	Grand Ballroom AB
12:15 pm - 1:30 pm	Lunch (on your own)				

^{**} Contact Joe Watson (joe_watson@ieee.org) if you are interested in sponsoring a coffee-break at a future meeting.

DATE/TIME	<u>ACTIVITY</u>	SUB- COM	ACTIVITY <u>CHAIR</u>	ROOM CAP/ARR/AV	MEETING <u>ROOM</u>
Wednesday, Novem	ber 4 (continued)				
1:30 pm - 2:45 pm	SC Dry Type Transformers	Dry	C. Johnson	80 MX S2	Grand Ballroom D
1:30 pm - 2:45 pm	SC Power Transformers	Power	J. Watson	350 MX S3	Grand Ballroom AB
2:45 pm - 3:00 pm	Break (beverages and treats)			Mezzanine South	h & Ballroom Foyer
3:00 pm - 4:15 pm	SC Insulating Fluids	IF	D. Wallach	200 MX S3	Grand Ballroom C
3:00 pm - 4:15 pm	SC Performance Characteristics	PCS	E. teNyenhuis	350 MX S3	Grand Ballroom AB
4:15 pm - 4:30 pm	Break (beverages only)			Regency Foyer	
4:30 pm - 5:45 pm	SC Standards	Stds	B. Bartley	350 MX S3	Grand Ballroom AB
6:30 pm - 10:00 pm	Paper tickets will not be provided. Adr	Stds B. Bartley 350 MX S3 Grand Ballroom AB derican Soul Music see flyer for more information. Som; with buffet dinner; and cash bar provided. Id. Admission verified with RFID namebadges as you enter the museum. Broody at 6:00 pm, last bus departs at 7:00 pm.			

Thursday, November 5

Thursday, November	No Meeting Registration, No Spouses/Comp	anions To	ours. No EPRI T	F Meetina		
7:00 am - 8:00 am	Breakfast - Attendees			252 RT (9/tbl)	Skyway (rooftop)	
8:00 am - 9:30 am	Breakfast - Spouses/Companions			88 RT (8/tbl)	Forest	
8:00 am - 9:15 am			231 CL S1 ~220 TH ~450 TOTAL	Grand Ballroom ABC		
9:15 am - 9:30 am	Break (beverages only)			Ballroom Foyer o	Ballroom Foyer only	
9:30 am - 10:45 am	Technical Presentation: "TBD". See flyer on	website		450 MX S1	Grand Ballroom ABC	
10:45 am - 11:00 am	Break (beverages only)			Ballroom Foyer o	nly	
> 11:00 am - 12:00 pm	Closing Session All attendees are encouraged to attend See separate document for meeting agence	da	D. Platts	450 MX S1	Grand Ballroom ABC	
	Lunch on your own					
12:30 pm - 8:30 pm	Technical Tour: Reinhausen Manufacturing F All attendees & spouses/companions welc Bus departs Peabody at 12:30 pm (box lur Register on-line, or contact Ms. Christy Cra	ome, but nch on bu	advance registra s) and returns ~	ation necessary. 8:30 pm (depart Hur		
> 1:30 pm - 5:00 pm	WG Phase Shift Transformers 60076-57-1202 (continued from Tuesday)	Power	R. Ahuja	15 US	Forest	
Friday, November 6						
	No Technical Tours, No EPRI TF Meeting					
8:00 am - 5:00 pm >	WG Tap Changer Application Guide	Power	A. Kraemer	15 US	Louis XVI	
	60214-2					
Saturday, November						

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

FUTURE COMMITTEE MEETINGS

Spring 2016 - March 20-24; Atlanta, Georgia Fall 2016 - October 16-20 or 23-27; Location TBD Spring 2017: March 26-30; Location TBD

Fall 2017: October 15-19 or 22-26; Location TBD

The Peabody Memphis

149 Union Avenue; Memphis, Tennessee 38103 USA (901) 529-4000

Mezzanine Level

