

**IEEE/PES TRANSFORMERS COMMITTEE**  
**www.transformerscommittee.org**  
**Renaissance Hotel & Cox Business Services Convention Center**  
**Oklahoma City, Oklahoma, USA**  
**October 20-24, 2002**

**NOTE:** All Meetings and Attendee Breakfasts are held on the Second Level of the Cox Business Services Convention Center.  
The Companions Breakfasts are in the Biltmore/Egbert Rooms, located on the Second Level of the Renaissance Hotel.

<u>DATE/TIME</u>	<u>ACTIVITY</u>	<u>SUB-COM</u>	<u>ACTIVITY CHAIR</u>	<u>ROOM CAP/ARR/AV</u>	<u>MEETING ROOM</u>
<b>Saturday, October 19, 2002</b>					
No Meetings or Events, No Meeting Registration					
<b>Sunday, October 20, 2002</b>					
9:00 am - 1:00 pm	Technical Tour #1: Southwest Electric Company Plant (with barbeque lunch) -- Advance reservation necessary. Contact Joe Garza at 713-849-9171 or jgarza@ieee.org. -- Buses leave from Northwest Entrance, Ground Level of Convention Center at 9:00 am. Return by 1:00 pm. -- Note: There is an identical tour (although without lunch) on Thursday afternoon.				
1:00 pm - <u>8:00 pm</u>	Meeting Registration			2 phone lines	Prefunction A/B (near Ballroom A)
2:00 pm - 5:00 pm	ASC C57 NEMA Delegation (closed meeting, by invitation only)	++	S. Kennedy	30 HS P	Room 15
2:00 pm - 5:30 pm	Administrative SC (closed meeting, by invitation only)	Admin.	J. Sim	25 HS (w/snack buffet)	Board Room (2nd level)
6:00 pm - 8:30 pm	Hospitality Reception			300 Recept. (mix large rnds & cocktails)	Ballroom A/B
<b>Monday, October 21, 2002</b>					
7:00 am - 5:00 pm	Meeting Registration			2 phone lines	Prefunction A/B (near Ballroom A)
7:00 am - 8:00 am	Breakfast - attendees			200 RT	Ballroom A/B
8:00 am - 9:00 am	Breakfast - companions only			50	Biltmore/Egbert
9:15 am - 3:00 pm	Companions Tour #1: <u>Memorial Center, Crystal Bridge &amp; Homes Tour</u> . Advance registration required. -- Buses leave from Northwest Entrance, Ground Level of Convention Center at 9:15 am. Return at 3:00 pm.				
8:00 am - 9:15 am	Newcomers Orientation (all guests and "newcomers" are encouraged to attend)		K. Hanus	80 CL P	Room 20
8:00 am - 9:15 am	Standards Develop. Process Review ( <u>all WG &amp; TF Chairs</u> are encouraged to attend)		T. Prevost	250 S3, P (theater seating in rear of room)	Room 16/17/18
9:15 am - 9:30 am	<i>Break (beverages only)</i>				Rms 16-20 Foyer

**KEY**

> -- activity continued into another session / from another session  
++ -- not a Transformers Committee activity  
O = overhead projector; P = PC projector; F = flip chart; S1 = sound (see note)  
S2 = stand mic in front only; S3 = stand mic in front & 1 stand mic at mid-room

CL -- classroom seating (with head table for 2-3)  
TH -- theater seating (with head table for 2-3)  
RT -- multiple roundtable (8-10/table)  
HS -- one hollow square

<u>DATE/TIME</u>	<u>ACTIVITY</u>	<u>SUB-COM</u>	<u>ACTIVITY CHAIR</u>	<u>ROOM CAP/ARR/AV</u>	<u>MEETING ROOM</u>
<b>Monday, October 21, 2002 (continued)</b>					
	Note: WG for Revision of C57.12.10 (J. Arteaga, Chair) is moved to Tuesday afternoon.				
	<del>WG Loading of Liquid-immersed Transf.</del>	<del>IL</del>	<del>L. Pierce</del>	CANCELLED	
9:30 am - 10:45 am	WG 3-ph UG Distribut. Trans. C57.12.24	UTNP	J. Sullivan	25 CL	Room 21
9:30 am - 10:45 am >	WG Dry-Type Reactors	Dry	R. Dudley	60 CL O	Room 14
9:30 am - 10:45 am	TF C57.17 Arc Furnace Transformers	Power	D. Corsi	60 CL	Room 15
9:30 am - 10:45 am	WG Partial Discharge Tests	DiTests	J. Harley	80 CL	Room 19
9:30 am - 10:45 am	WG Electronic Data Transmittal PAR 1388	Dist	J. Smith/ R. Hollingsworth	80 CL	Room 20
10:45 am - 11:00 am	<i>Break (beverages only)</i>				Rms 16-20 Foyer
	<del>WG Loading of Liquid-immersed Transf.</del>	<del>IL</del>	<del>L. Pierce</del>	CANCELLED	
11:00 am - 12:15 pm	WG Liquid-immersed Secondary Network Transformers C57.12.40	UTNP	L. Plaster	25 CL	Room 21
> 11:00 am - 12:15 pm	WG Dry-Type Reactors	Dry	R. Dudley	60 CL O	Room 14
11:00 am - 12:15 pm	TF Control Cabinet Guidelines	Power	J. Watson	60 CL P	Room 15
11:00 am - 12:15 pm	WG PCS Rev. to Test Code C57.12.90	PCS	B. Forsyth	80 CL	Room 19
11:00 am - 12:15 pm	WG 1-ph OH Distribution Transformers C57.12.20	Dist	G. Andersen/ A. Wilks	80 CL O	Room 20
12:15 pm - 1:45 pm	Lunch (open)				
	Note: WG for Thermal Duplicate (B. Beaster, Chair) is cancelled and will meet in Spring 2003.				
1:45 pm - 3:00 pm	WG Ventilated Dry-Type Network Transformers C57.12.57	UTNP	A. Robinson	25 CL	Room 21
1:45 pm - 3:00 pm	WG Rev. Impulse Guide C57.98	DiTests	A. Molden	60 CL	Room 14
1:45 pm - 3:00 pm	<b>SC HVDC Converter Transformers and Smoothing Reactors</b>	HVDC	R. Dudley	60 CL O	Room 15
1:45 pm - 3:00 pm	WG PCS Revisions to C57.12.00	PCS	S. Snyder	80 CL	Room 19
1:45 pm - 3:00 pm	WG 1-ph Padmount Distribution Transformers C57.12.25	Dist	A. Ghafourian	80 CL O	Room 20
1:45 pm - 3:00 pm	WG LTC Performance C57.131	Power	W. Henning	250 S3, P	Room 16/17/18
3:00 pm - 3:15 pm	<i>Break (beverages and treats)</i> <b>SPONSORED BY ABB, INC. *</b>				Rms 16-20 Foyer
3:15 pm - 4:30 pm	WG Sec. Network Protectors C57.12.44	UTNP	D. Mulkey	25 CL	Room 21
3:15 pm - 4:30 pm	TF Rev. to Requirements & Tests for Neutral Grounding Devices C62.91	Stds	S. Schappell	60 CL	Room 14
3:15 pm - 4:30 pm	WG De-energized Tap Changer (DETC) Specification & Test	PCS	P. Hopkinson	60 CL P	Room 15
3:15 pm - 4:30 pm	WG 3-ph Padmount Distribution Transformers C57.12.34	Dist	R. Stahara/ S. Shull	80 CL	Room 19
3:15 pm - 4:30 pm	WG Revision to Low Frequency Tests	DiTests	M. Perkins	80 CL	Room 20
3:15 pm - 4:30 pm	WG Transformer Life Extension C57.140	Power	R. James	250 S3, P	Room 16/17/18
4:30 pm - 4:45 pm	<i>Break (beverages only)</i>				Rms 16-20 Foyer
4:45 pm - 6:00 pm	Presentation: "Transformer Specifications Beyond Standards", by J. Fleeman & L. Wagenaar **		Sponsor: Stds SC	250 S3, P (add lectern with mic at front)	Room 16/17/18
	<del>Panel Session: "Partial Discharge Detectors" by Harley and others</del>		<del>Sponsor: DiTests SC</del>	CANCELLED	

\* Contact Joe Watson if you are interested in sponsoring a future coffee-break

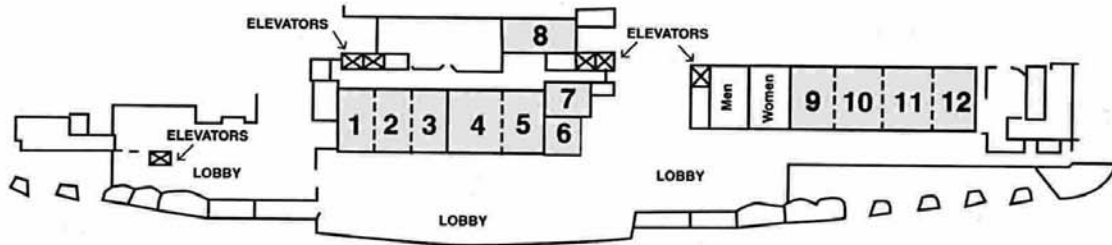
\*\* Contact Greg Anderson if you are interested in making a presentation at a future meeting

<u>DATE/TIME</u>	<u>ACTIVITY</u>	<u>SUB- COM</u>	<u>ACTIVITY CHAIR</u>	<u>ROOM CAP/ARR/AV</u>	<u>MEETING ROOM</u>
<b>Tuesday, October 22, 2002</b>					
7:00 am - 12:00 pm	Meeting Registration			2 phone lines	Prefunction A/B (near Ballroom A)
7:00 am - 8:00 am	Breakfast - attendees			200 RT	Ballroom A/B
8:00 am - 9:00 am	Breakfast - companions only			50	Biltmore/Egbert
9:15 am - 3:00 pm	Companion Tour #2: <u>Historic Guthrie and OK City Shopping</u> . Advance registration required. -- Buses leave from Northwest Entrance, Ground Level of Convention Center at 9:15 am. Return at 3:00 pm.				
8:00 am - 9:15 am	<del>WG Therm. Eval. C57.12.56 &amp; C57.12.60</del> WG Test Requirements for HV Instrument Transformers C57.13.5	<del>Dry</del> IT	<del>R. Provost</del> J. Ma	CANCELLED 25 CL O	Room 21
8:00 am - 9:15 am	WG Switching Transients Induced by Transformer/Breaker Interaction	PCS	R. Degeneff	60 CL O, P	Room 14
8:00 am - 9:15 am >	WG DGA of LTCs C57.139	IF	R. Ladroga	60 CL	Room 15
8:00 am - 9:15 am	WG West Coast	Power	M. Lau	80 CL	Room 19
8:00 am - 9:15 am >	WG Enclosure Integrity C57.12.28, C57.12.29, C57.12.31, C57.12.32	Dist	R. Olen/ D. Mulkey	80 CL O	Room 20
8:00 am - 9:15 am	Meeting (TBD)			250 S3, P (theater seating in rear of room)	Room 16/17/18
9:15 am - 9:30 am	<i>Break (beverages only)</i>				Rms 16-20 Foyer
9:30 am - 10:45 am	<del>WG Revision of Oil Guide C57.106</del> <del>WG Test Requirements for HV</del> <del>Instrument Transformers C57.13.5</del> TF Joint/PSIM Low PF Measurement (w/special presentation on optical ITs)	<del>IF</del> <del>IT</del> PCS	<del>J. Kelly</del> <del>J. Ma</del> E. So	CANCELLED CANCELLED (the WG is encouraged to attend the TF meeting in Room 14) 60 CL O, P	Room 14
> 9:30 am - 10:45 am	WG DGA of LTCs C57.139	IF	R. Ladroga	60 CL	Room 15
9:30 am - 10:45 am	WG Dry-Type Gen. Require. C57.12.01	Dry	J. Sullivan	80 CL	Room 19
> 9:30 am - 10:45 am	WG Enclosure Integrity C57.12.28, C57.12.29, C57.12.31, C57.12.32	Dist	R. Olen/ D. Mulkey	80 CL O	Room 20
9:30 am - 10:45 am	WG Monitoring of Transformers C57.143	Power	A. Lux/D. Chu	250 S3, P	Room 16/17/18
10:45 am - 11:00 am	<i>Break (beverages only)</i>				Rms 16-20 Foyer
11:00 am - 12:15 pm	WG IT's for Electronic Meters & Relays	IT	C. TenHaagen	25 CL	Room 21
11:00 am - 12:15 pm	TF Rev. to Temp. Ratings in C57.12.00	IL	D. Marlow	60 CL O	Room 14
11:00 am - 12:15 pm	WG Loss Tolerance and Measurement	PCS	E. teNyenhuus	60 CL P	Room 15
11:00 am - 12:15 pm	TF on Drawlead Bushings	Bush	(TBD)	80 CL	Room 19
11:00 am - 12:15 pm	WG Loss Evaluation Guide C57.12.33	Dist	D. Duckett/ T. Pekarek	80 CL	Room 20
11:00 am - 12:15 pm	WG Revision Installation Guide C57.93	Power	M. Lau	250 S3, P	Room 16/17/18
12:15 pm - 1:45 pm	Speaker Luncheon. <u>Advance registration is necessary</u> -- Speaker: Mr. George Nigh - Historian, Humorist & Former Governor			180 RT S1 elevat. tbl for 6, lectern w/mic	Ballroom A/B
1:45 pm - 3:00 pm	WG C57.13 Revision	IT	T. Nelson	25 CL O	Room 21
1:45 pm - 3:00 pm	TF Winding Temperature Indicators	IL	P. McClure	60 CL O	Room 14
1:45 pm - 3:00 pm	WG Liquid Dielectric Test Tables	DiTests	P. Hopkinson	60 CL P	Room 15
1:45 pm - 3:00 pm	WG Dry-Type Test Code C57.12.91	Dry	D. Barnard	80 CL	Room 19
1:45 pm - 3:00 pm	WG Bushings -- Revision of C57.19.00 (and Study Group Mtg for C57.19.100)	Bush	K. Ellis	80 CL	Room 20
1:45 pm - 3:00 pm	WG Distribution Substation Transformers C57.12.36	Dist	L. Plaster/ J. Rossetti	250 S3, P	Room 16/17/18
3:00 pm - 3:15 pm	<i>Break (beverages and treats)</i> <b>SPONSORED BY PENNSYLVANIA TRANSFORMER TECHNOLOGY, INC.</b>				Rms 16-20 Foyer

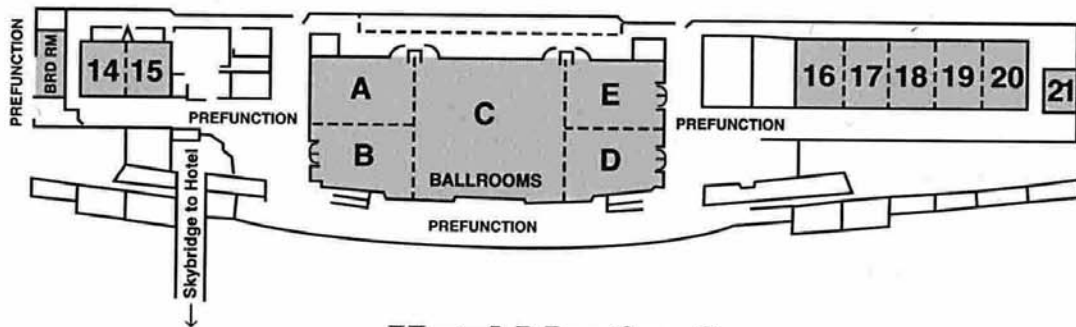
<u>DATE/TIME</u>	<u>ACTIVITY</u>	<u>SUB-COM</u>	<u>ACTIVITY CHAIR</u>	<u>ROOM CAP/ARR/AV</u>	<u>MEETING ROOM</u>
<b>Tuesday, October 22, 2002 (continued)</b>					
3:15 pm - 4:30 pm	Study Group Conform. Tests C57.13.2	IT	V. Khalin	25 CL	Room 21
3:15 pm - 4:30 pm	WG Revision to Impulse Tests	DiTests	P. Riffon	60 CL O	Room 14
3:15 pm - 4:30 pm	WG Voltage Step Regulators C57.15	Dist	C. Colopy/ G. Kennedy	60 CL P, F	Room 15
3:15 pm - 4:30 pm	TF Frequency Response Analysis (FRA) Guide	PCS	R. James	80 CL O	Room 19
3:15 pm - 4:30 pm	WG Sound Measurements	ASV	J. Puri	80 CL O	Room 20
3:15 pm - 4:30 pm	WG Revision of C57.12.10	Power	J. Arteaga	250 S3, O	Room 16/17/18
4:30 pm - 4:45 pm	<i>Break (beverages only)</i>				Rms 16-20 Foyer
4:45 pm - 6:00 pm	Tutorial Session: "H2 Generation in Mildly Overheated Transformer Cores", by R. Girgis		Sponsor: PCS	250 S3, P (add lectern with mic at front)	Room 16/17/18
No Evening Activity Planned					
<b>Wednesday, October 23, 2002</b>					
7:00 am - 8:00 am	No Meeting Registration, No Companion Tours				
7:00 am - 8:00 am	Breakfast - attendees			200 RT	Ballroom A/B
	<b>WG Web-page Development Breakfast</b>	Mtgs	S. McNelly	40 HS P with 10' screen and conf. phone	Room 14/15
	Open meeting (anyone may attend). At least one representative from <u>each</u> SC should attend. Get breakfast in Ballroom A/B and take to Room 14/15.				
8:00 am - 9:00 am	Breakfast - companions only			50	Biltmore/Egbert
8:00 am - 9:15 am	ASC C57 EL&P Delegation	++	C. Niemann	40 HS	Room 14/15
8:00 am - 9:15 am	<b>SC Audible Sound &amp; Vibration</b>	ASV	J. Puri	80 CL O	Room 19
8:00 am - 9:15 am	<b>SC Instrument Transformer</b>	IT	J. Smith	80 CL O	Room 20
8:00 am - 9:15 am	<b>SC Insulation Life</b>	IL	D. Platts	200 CL S3 (theater seating in rear of room)	Room 16/17/18
9:15 am - 9:30 am	<i>Break (with beverages)</i>				Rms 16-20 Foyer
9:30 am - 10:45 am	Meeting (reserved for Jim Thompson)			40 HS	Room 14/15
9:30 am - 10:45 am	<b>SC UG Transf. &amp; Network Protectors</b>	UTNP	C. Niemann	80 CL	Room 20
9:30 am - 10:45 am	<b>SC Dielectric Tests</b>	DiTests	L. Wagenaar	200 CL S3	Room 16/17/18
10:45 am - 11:00 am	<i>Break (beverages only)</i>				Rms 16-20 Foyer
11:00 am - 12:15 pm	WG Guide to Metric Conversion C57.144	Dist	D. Galloway	80 CL O	Room 19
11:00 am - 12:15 pm	<b>SC Insulating Fluids</b>	IF	F. Gryszkiewicz	80 CL	Room 20
11:00 am - 12:15 pm	<b>SC Performance Characteristics</b>	PCS	R. Girgis	200 CL S3, P	Room 16/17/18
12:15 pm - 1:30 pm	Lunch (open)				
1:30 pm - 2:45 pm	<b>SC Dry Type</b>	Dry	W. Patterson	80 CL	Room 20
1:30 pm - 2:45 pm	<b>SC Power Transformers</b>	Power	E. Hager	200 CL S3	Room 16/17/18
2:45 pm - 3:00 pm	<i>Break (beverages and treats)</i> <b>SPONSORED BY WAUKESHA ELECTRIC SYSTEMS</b>				Rms 16-20 Foyer

<u>DATE/TIME</u>	<u>ACTIVITY</u>	<u>SUB-COM</u>	<u>ACTIVITY CHAIR</u>	<u>ROOM CAP/ARR/AV</u>	<u>MEETING ROOM</u>
<b>Wednesday, October 23, 2002 (continued)</b>					
3:00 pm - 4:15 pm	IEC TC-14 Technical Advisory Group	++	P. Hopkinson	40 HS P	Room 14/15
3:00 pm - 4:15 pm	<b>SC Meetings Planning</b>	Mtgs	G. Anderson	80 CL F	Room 19
3:00 pm - 4:15 pm	<b>SC Bushings</b>	Bush	F. Elliott	80 CL O	Room 20
3:00 pm - 4:15 pm	<b>SC Distribution Transformers</b>	Dist	E. Smith	200 CL S3	Room 16/17/18
4:15 pm - 4:30 pm	<i>Break (beverages only)</i>				Rms 16-20 Foyer
4:30 pm - 5:30 pm	<b>SC Transformer Standards</b>	Stds	T. Prevost	200 CL S3, P	Room 16/17/18
5:45 pm - 10:00 pm	Dinner Social -- " <u>Stetsons at Sunset</u> ". Sit-down barbeque dinner and western dancing at National Cowboy & Western Heritage Museum. -- Buses <u>begin loading</u> at Northwest Entrance, Ground Level of Convention Center at <u>5:45 pm</u> . -- The last bus will leave at 6:30 pm. Return around 10:00 pm. <u>Advance registration is necessary</u>				
<b>Thursday, October 24, 2002</b>					
	No Meeting Registration, No Companion Tours				
7:00 am - 8:00 am	Breakfast - attendees ( <u>no companions please</u> )			200 RT	Ballroom A/B
8:00 am - 9:00 am	Breakfast - companions only			50	Biltmore/Egbert
8:00 am - 9:45 am >	Transformers Committee -- <u>All attendees</u> are encouraged to attend!		J. Sim	350 CL S1, P <u>elevat.</u> tbl for 4, lectern w/mic, 1 floor mic	Ballroom C
9:45 am - 10:00 am	<i>Break (beverages only)</i>				Ballroom C Prefunct
> 10:00 am - 12:00 pm	Transformers Committee		J. Sim	350 CL S1, P	Ballroom C
1:00 pm - 4:00 pm	ASC C57 Main Committee	++	S. Kennedy	30 HS P	Room 16
1:00 pm - 3:00 pm	EPRI Power Transformer Project Review	++	B. Ward	75 CL need screen & power strip only	Room 17
3:00 pm - 3:15 pm	<i>Break (with beverages)</i>				Rm 17 Prefunct.
3:15 pm - 5:00 pm	EPRI Power Transformer Project Review (continued to Friday morning)	++	B. Ward	75 CL	Room 17
1:00 pm - 4:00 pm	Technical Tour #2: Southwest Electric Company Plant (with light refreshments) -- <u>Advance reservation necessary</u> . Contact Joe Garza at 713-849-9171 or jgarza@ieee.org. -- Buses will leave from Northwest Entrance, Ground Level of Convention Center at 1:00 pm. Return around 4:00 pm. Note: There is a similar tour (with lunch) on Sunday morning.				
<b>Friday, October 25, 2002</b>					
	No Transformers Committee Meetings or Events				
7:30 am - 8:00 am	Breakfast - EPRI meeting attendees only	++		buffet bkfst for 30 outside Room 17	
8:00 am - 10:00 am	EPRI Power Transformer Project Review (continued from Thursday afternoon)	++	B. Ward	75 CL screen & power	Room 17 (room ready at 7:30 am)
10:00 pm - 10:15 pm	<i>Break (with beverages)</i>				Rm 17 Prefunct.
10:15 am - 12:00 pm	EPRI Power Transformer Project Review	++	B. Ward	75 CL	Room 17

## Cox Business Services Convention Center



## Cox Business Services Convention Center—Second Level



## Hotel Meeting Space

