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**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

**TUESDAY, NOVEMBER 9**

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
1:00 PM – 4:00 PM	Administrative Subcommittee - Closed meeting, by invitation only	Admin	B. Forsyth	-	Session 1

**MONDAY, NOVEMBER 15**

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
On – demand	Newcomers Orientation		E. teNyenhuis	–	Pre-recorded
8:00 AM – 9:15 AM	Opening Session		B. Forsyth	-	Session 1
	- All registered meeting participants are encouraged to attend - See separate document on website for meeting agenda - Attendance required to maintain Committee Member status				
9:15 AM – 9:25 AM	Break				
9:25 AM – 10:40 AM	WG Dry Type Reactors PC57.16	Dry Type	A. Del Rio	I	Session 1
9:25 AM – 10:40 AM	WG Guide of FRA for Liquid Filled Transf. C57.149	PCS	C. Sweetser	I	Session 2
9:25 AM – 10:40 AM	WG Standard Requirements for Tap Changers - C57.131	Power	C. Colopy	I	Session 3
9:25 AM – 10:40 AM	WG Std Transf. Terminology C57.12.80	Stds	J. Graham	I	Session 4
9:25 AM – 10:40 AM	TF Transf Efficiency & Loss Evaluation (DOE Activity)	Distr	P. Hopkinson	I	Session 5
9:25 AM – 10:40 AM	<del>WG Moisture in Insulation PC57.162</del> CANCELLED	<del>Ins Life</del>	<del>T. Prevost</del>	<del>+</del>	Session 6
10:40 AM – 10:50 AM	Break				
10:50 AM – 12:05 PM	WG Overhead Distr. Transf. C57.12.20	Distr	A. Traut	I	Session 1
10:50 AM – 12:05 PM	WG C57.116 Guide for Trfs Direct Connect to Generators	Power	W. Li	I	Session 2
10:50 AM – 12:05 PM	WG Bushings Gen. Require. C57.19.00	Bush	P. Zhao	I	Session 3
10:50 AM – 12:05 PM	WG Sealed Dry-Type Transf. PC57.12.52	Dry Type	J. Tedesco	I	Session 4
10:50 AM – 12:05 PM	TF Partial Discharge Tests for Class I Transformers	DiTests	D. Ayers	I	Session 5
10:50 AM – 12:05 PM	WG Guide for DGA in Silicone PC57.146	IF	J. Karas	N	Session 6
12:05 PM – 12:55 PM	Lunch Break				
12:55 PM – 2:10 PM	WG 1-ph Padmount Dist Transf. C57.12.38	Distr	A. Ghafourian	I	Session 1
12:55 PM – 2:10 PM	WG Dry Type Gen. Requirements C57.12.01	Dry Type	C. Ballard	N	Session 2
12:55 PM – 2:10 PM	WG PC57.152 Guide for Field Testing	Stds	M. Ferreira	I	Session 3
12:55 PM – 2:10 PM	WG Partial Discharge Test - C57.113	DiTests	A. Naderian	I	Session 4
12:55 PM – 2:10 PM	TF Audible Sound Revision to Test Code	PCS	R. Girgis	I	Session 5
12:55 PM – 2:10 PM	TF Application of High-Temp Insulation Matrs 1276 Annex B	Ins Life	K. Biggie	N	Session 6
2:10 PM – 2:20 PM	Break				
2:20 PM – 3:35 PM	WG 3-ph Padmount Dist Transf. C57.12.34	Distr	S. Shull	I	Session 1
2:20 PM – 3:35 PM	WG Transformer Monitoring C57.143	Power	M. Spurlock	I	Session 2
2:20 PM – 3:35 PM	WG Transformer Impulse Test Guide PC57.98	DiTests	T. Hochanh	I	Session 3
2:20 PM – 3:35 PM	TF C57.134 Guide for Hottest-spot in Dry-type	Dry Type	C. Lovins	I	Session 4
2:20 PM – 3:35 PM	WG Bushing Applicat. Guide C57.19.100	Bush	T. Spitzer	I	Session 5
2:20 PM – 3:35 PM	TF PCS Cont. Revisions to C57.12.00	PCS	T. Ansari	I	Session 6
3:35 PM – 3:45 PM	Break				
3:45 PM – 5:00 PM	WG Sec. Network Protectors C57.12.44	STNP	M. Faulkner	I	Session 1
3:45 PM – 5:00 PM	TF Dry Bushing Class and Perf.	Bush	A. Del Rio	N	Session 2
3:45 PM – 5:00 PM	WG Failure Investigation & Reporting PC57.125	Power	H. Sahin	N	Session 3
3:45 PM – 5:00 PM	TF Next Revision to C57.104 Guide for DGA in Mineral Oil	IF	C. Beauchemin	N	Session 4
3:45 PM – 5:00 PM	TF IEEE 259 Test for Eval of Insulation for Dry-Type Transfs	Dry Type	D. Stankes	I	Session 5
3:45 PM – 5:00 PM	SC HVDC Converter Transfs & Smoothing Reactors	HVDC	U. Radbrandt	-	Session 6

**TUESDAY, NOVEMBER 16**

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
8:00 AM – 9:15 AM	TF Rises other than windings C57.12.00, Clause 5.11.1.4	Ins Life	T. Johnson	I	Session 1
8:00 AM – 9:15 AM	WG Condition Assessment Guide PC57.170	Power	K. Mani	I	Session 2
8:00 AM – 9:15 AM	WG Station Service Volt. Transf. C57.13.8	Instr TR	D. Wallace	I	Session 3
8:00 AM – 9:15 AM	WG Practice for Install & Operation of Dry Type PC57.94	Dry Type	J. Medina	I	Session 4
8:00 AM – 9:15 AM	TF on Winding Insulation PF	DiTests	D. Robalino	I	Session 5
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	Session 6
9:15 AM – 9:25 AM	<i>Break</i>				
9:25 AM – 10:40 AM	WG Low Frequency Test Guide PC57.168	DiTests	D. Sauer	I	Session 1
9:25 AM – 10:40 AM	WG Submersible Transf. C57.12.24	STNP	B. Garcia	I	Session 2
9:25 AM – 10:40 AM	TF Instrument Transf. Accuracy	Instr TR	I. Ziger	I	Session 3
9:25 AM – 10:40 AM	WG Temp Measurement PC57.165	Ins Life	M. Tostrud	I	Session 4
9:25 AM – 10:40 AM	TF PCS Cont. Rev. to Test Code C57.12.90	PCS	H. Sahin	I	Session 5
9:25 AM – 10:40 AM	TF Guide for the Reclamation of Mineral Oil - C57.637	IF	S. Denzer	N	Session 6
10:40 AM – 10:50 AM	<i>Break</i>				
10:50 AM – 12:05 PM	WG Distrib. Transf. Bushings PC57.19.02	Bush	S. Shull	I	Session 1
10:50 AM – 12:05 PM	WG Liquid-immersed Sec. Network TRs C57.12.40	STNP	D. Blew	I	Session 2
10:50 AM – 12:05 PM	WG PLC Caps & CCVTs PC57.13.9	Instr TR	Z. Roman	I	Session 3
10:50 AM – 12:05 PM	WG Thermal Evaluation C57.100	Ins Life	R. Wicks	I	Session 4
10:50 AM – 12:05 PM	TF Continuous revision of Impulse Test C57.12.90	DiTests	P. Riffon	I	Session 5
10:50 AM – 12:05 PM	<del>TF Guide DGA for Factory Temp Rise Test C57.130 CANCELLED</del>	<del>IF</del>	<del>J. Foschia</del>	<del>N</del>	Session 6
12:15 PM – 12:45 PM	Awards Presentation Awards Presentation - Live VIRTUAL presentation by Susan McNelly. Grab your lunch and listen as we celebrate the work we have done.				Look for live session
12:55 PM – 2:10 PM	WG Consolidation Insulating Fluid Guides PC57.166	IF	T. Prevost	I	Session 1
12:55 PM – 2:10 PM	TF Bar Coding for Distr Transf. C57.12.35	Distr	R. Chrysler	I	Session 2
12:55 PM – 2:10 PM	TF Cont. Revision to Low Frequency Tests	DiTests	B. Griesacker	I	Session 3
12:55 PM – 2:10 PM	WG Guide for Loading Dry Type Transformers C57.96	Dry Type	A. Narawane	I	Session 4
12:55 PM – 2:10 PM	TF Continuous Rev Clause 11 Temp Rise Tests C57.12.90	Ins Life	D. Sankarakurup	I	Session 5
12:55 PM – 2:10 PM	WG Volts per Hertz	Power	J. Watson	I	Session 6
2:10 PM – 2:20 PM	<i>Break</i>				
2:20 PM – 3:35 PM	Freq Domain Spec Bush C57.12.200	DiTests	P. Patel	E/I	Session 1
2:20 PM – 3:35 PM	TF Effects of Corrosion on Transformers	STNP	W. Elliott	I	Session 2
2:20 PM – 3:35 PM	WG Geomagnetic Disturbances PC57.163	Stds	D. Blaydon	N	Session 3
2:20 PM – 3:35 PM	WG Dry Type PD Detection PC57.124	Dry Type	T. Prevost	I	Session 4
2:20 PM – 3:35 PM	WG Sw Transients Ind by TR/Bkr Interaction PC57.142	PCS	J. McBride	I	Session 5
2:20 PM – 3:35 PM	WG Guide DGA in Ester-Immersed Transformers PC57.155	IF	A. Sbravati	N	Session 6
3:35 PM – 3:45 PM	<i>Break</i>				
3:45 PM – 5:00 PM	WG Guide for PD Measure HV Bushings & Inst Trf C57.160	DiTests	T. Hochanh	NC	Session 1
3:45 PM – 5:00 PM	WG Guide for Monitoring Distr Transf PC57.167	Distr	G. Hoffman	I	Session 2
3:45 PM – 5:00 PM	TF Revision of Guide for DGA in LTCs C57.139	IF	R. Frotscher	N	Session 3
3:45 PM – 5:00 PM	WG Loading Guide PC57.91	Ins Life	D. Wallach	I	Session 4
3:45 PM – 5:00 PM	WG Bushings IEC/IEEE 65700.19.03 Dual Logo	Bush	L. Recksiedler	I	Session 5
3:45 PM – 5:00 PM	WG Dry Type Test Code C57.12.91	Dry Type	D. Walker	N	Session 6

**WEDNESDAY, NOVEMBER 17**

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
On – demand	SC Meetings Planning - All interested individuals welcome	Mtgs	T. Behrens	–	Pre-recorded
8:00 AM – 9:15 AM	SC Instrument Transformers	Instr TR	T. Sizemore	–	Session 1
8:00 AM – 9:15 AM	SC Insulation Life	Ins Life	S. Sharpless	–	Session 2
9:15 AM – 9:25 AM	<i>Break</i>				
9:25 AM – 10:40 AM	SC Distribution Transformers	Distr	E. Smith	–	Session 1
9:25 AM – 10:40 AM	SC Bushings	Bush	E. Weatherbee	–	Session 2
10:40 AM – 10:50 AM	<i>Break</i>				
10:50 AM – 12:05 PM	SC Submersible Transf. & Network Protectors	STNP	G.Payerle	–	Session 1
10:50 AM – 12:05 PM	SC Dielectric Test	DiTests	A. Varghese	–	Session 2
12:05 PM – 12:55 PM	<i>Lunch Break</i>				
12:55 PM – 2:10 PM	SC Dry Type Transformers	Dry Type	C. Ballard	–	Session 1
12:55 PM – 2:10 PM	SC Power Transformers	Power	B. Griesacker	–	Session 2
2:10 PM – 2:20 PM	<i>Break</i>				
2:20 PM – 3:35 PM	SC Insulating Fluids	IF	S. Reed	–	Session 1
2:20 PM – 3:35 PM	SC Performance Characteristics	PCS	R. Verdolin	–	Session 2
3:35 PM – 3:45 PM	<i>Break</i>				
3:45 PM – 5:00 PM	SC Standards	Stds	D. Sauer	–	Session 1
3:45 PM – 5:00 PM	IEC TC-14 Technical Advisory Group		P. Hopkinson	–	Session 2

**THURSDAY, NOVEMBER 18**

TIME	ACTIVITY	TRACK	MTG CHAIR	STATUS	ROOM (FLOOR)
8:00 AM – 9:15 AM	Technical Presentation 1 - IEEE 693 Power Transformer Amendment: Power Transformer Structural Dynamics Requirement for Seismic Qualification Presented by: Michael J. Riley and Jon Bender**	Tutorial			Session 1
9:15 AM – 9:30 AM	<i>Break</i>				
9:30 AM – 10:45 AM	Technical Presentation - HVDC Part 2, HVDC System Aspects (LCC and VSC) (Part 1 was presented at the Spring 2021 Meeting) Presented by: Alexander Gaun, Klaus Pointner, Pierre Riffon and Waldemar Ziomek **	Tutorial			Session 1
10:45 AM – 11:00 AM	<i>Break</i>				
11:00 AM – 12:00 PM	Closing Session - All attendees are encouraged to attend - See separate document on website for meeting agenda		B. Forsyth		Session 1

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

**FUTURE COMMITTEE MEETINGS**

- Spring 2022:** Denver, Colorado USA, March 27 – 31, 2022
- Fall 2022:** Charlotte, North Carolina USA, October 16 – 20, 2022
- Spring 2023:** Milwaukee, Wisconsin USA, Spring 2023
- Fall 2023:** Kansas City, Missouri USA, October 2023

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## IEEE PES TRANSFORMERS COMMITTEE

## SUBCOMMITTEE MEETING LIST

## FALL 2021 MEETING: NOVEMBER 15 TO NOVEMBER 18

## On-Line Meeting; Virtual, Central Time Zone USA

Date	Time Start	Time End	Session Title	Track	Chair	Room/Location
11/9/2021	1:00 PM	4:00 PM	Administrative Subcommittee - Closed meeting, by invitation only	Admin	B. Forsyth	Session 1
11/15/2021	10:50 AM	12:05 PM	WG Bushings Gen. Require. C57.19.00	Bush	P. Zhao	Session 3
11/15/2021	2:20 PM	3:35 PM	WG Bushing Applicat. Guide C57.19.100	Bush	T. Spitzer	Session 5
11/15/2021	3:45 PM	5:00 PM	TF Dry Bushing Class and Perf.	Bush	A. Del Rio	Session 2
11/16/2021	10:50 AM	12:05 PM	WG Distrib. Transf. Bushings PC57.19.02	Bush	S. Shull	Session 1
11/16/2021	3:45 PM	5:00 PM	WG Bushings IEC/IEEE 65700.19.03 Dual Logo	Bush	L. Recksiedler	Session 5
11/17/2021	9:25 AM	10:40 AM	SC Bushings	Bush	E. Weatherbee	Session 2
11/15/2021	9:25 AM	10:40 AM	TF Transf Efficiency & Loss Evaluation (DOE Activity)	Distr	P. Hopkinson	Session 5
11/15/2021	10:50 AM	12:05 PM	WG Overhead Distr. Transf. C57.12.20	Distr	A. Traut	Session 1
11/15/2021	12:55 PM	2:10 PM	WG 1-ph Padmount Dist Transf. C57.12.38	Distr	A. Ghafourian	Session 1
11/15/2021	2:20 PM	3:35 PM	WG 3-ph Padmount Dist Transf. C57.12.34	Distr	S. Shull	Session 1
11/16/2021	8:00 AM	9:15 AM	WG Encl Int C57.12.28, C57.12.29, C57.12.31, C57.12.32	Distr	D. Mulkey	Session 6
11/16/2021	12:55 PM	2:10 PM	TF Bar Coding for Distr Transf. C57.12.35	Distr	R. Chrysler	Session 2
11/16/2021	3:45 PM	5:00 PM	WG Guide for Monitoring Distr Transf PC57.167	Distr	G. Hoffman	Session 2
11/17/2021	9:25 AM	10:40 AM	SC Distribution Transformers	Distr	E. Smith	Session 1
11/15/2021	10:50 AM	12:05 PM	TF Partial Discharge Tests for Class I Transformers	DiTests	D. Ayers	Session 5
11/15/2021	12:55 PM	2:10 PM	WG Partial Discharge Test - C57.113	DiTests	A. Naderian	Session 4
11/15/2021	2:20 PM	3:35 PM	WG Transformer Impulse Test Guide PC57.98	DiTests	T. Hochanh	Session 3
11/16/2021	8:00 AM	9:15 AM	TF on Winding Insulation PF	DiTests	D. Robalino	Session 5
11/16/2021	9:25 AM	10:40 AM	WG Low Frequency Test Guide PC57.168	DiTests	D. Sauer	Session 1
11/16/2021	10:50 AM	12:05 PM	TF Continuous revision of Impulse Test C57.12.90	DiTests	P. Riffon	Session 5
11/16/2021	12:55 PM	2:10 PM	TF Cont. Revision to Low Frequency Tests	DiTests	B. Griesacker	Session 3
11/16/2021	2:20 PM	3:35 PM	Freq Domain Spec Bush C57.12.200	DiTests	P. Patel	Session 1
11/16/2021	3:45 PM	5:00 PM	WG Guide for PD Measure HV Bushings & Inst Trf C57.160	DiTests	T. Hochanh	Session 1
11/17/2021	10:50 AM	12:05 PM	SC Dielectric Test	DiTests	A. Varghese	Session 2
11/15/2021	9:25 AM	10:40 AM	WG Dry Type Reactors PC57.16	Dry Type	A. Del Rio	Session 1
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11/16/2021	2:20 PM	3:35 PM	WG Dry Type PD Detection PC57.124	Dry Type	T. Prevost	Session 4
11/16/2021	3:45 PM	5:00 PM	WG Dry Type Test Code C57.12.91	Dry Type	D. Walker	Session 6
11/17/2021	12:55 PM	2:10 PM	SC Dry Type Transformers	Dry Type	C. Ballard	Session 1
11/15/2021	3:45 PM	5:00 PM	SC HVDC Converter Transfs & Smoothing Reactors	HVDC	U. Radbrandt	Session 6
11/15/2021	10:50 AM	12:05 PM	WG Guide for DGA in Silicone PC57.146	IF	J. Karas	Session 6
11/15/2021	3:45 PM	5:00 PM	TF Next Revision to C57.104 Guide for DGA in Mineral Oil	IF	C. Beauchemin	Session 4
11/16/2021	9:25 AM	10:40 AM	TF Guide for the Reclamation of Mineral Oil - C57.637	IF	S. Denzer	Session 6
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11/16/2021	12:55 PM	2:10 PM	WG Consolidation Insulating Fluid Guides PC57.166	IF	T. Prevost	Session 1
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11/17/2021	On	demand	SC Meetings Planning - All interested individuals welcome	Mtgs	T. Behrens	Pre-recorded

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## FALL 2021 MEETING: NOVEMBER 15 TO NOVEMBER 18

On-Line Meeting; Virtual, Central Time Zone USA

Date	Time Start	Time End	Session Title	Track	Chair	Room/Location
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11/17/2021	2:20 PM	3:35 PM	SC Performance Characteristics	PCS	R. Verdolin	Session 2
11/15/2021	9:25 AM	10:40 AM	WG Standard Requirements for Tap Changers - C57.131	Power	C. Colopy	Session 3
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11/17/2021	12:55 PM	2:10 PM	SC Power Transformers	Power	B. Griesacker	Session 2
11/15/2021	9:25 AM	10:40 AM	WG Std Transf. Terminology C57.12.80	Stds	J. Graham	Session 4
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