

IEEE PES Transformers

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Bushings

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Insulation Life

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Dielectric Tests

Chair: Ajith Varghese

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Meeting Planning

Chair: Tammy Behrens

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Distribution Transformers

Chair: Ed Smith

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Performance Characteristics

Chair: Rogerio Verdolin

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Dry Type Transformers

Chair: Casey Ballard

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Power Transformers

Chair: Bill Griesacker

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HVDC Converters & Smoothing Reactors

Chair: Ulf Radbrandt

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Standards

Chair: Dan Sauer

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Instrument Transformers

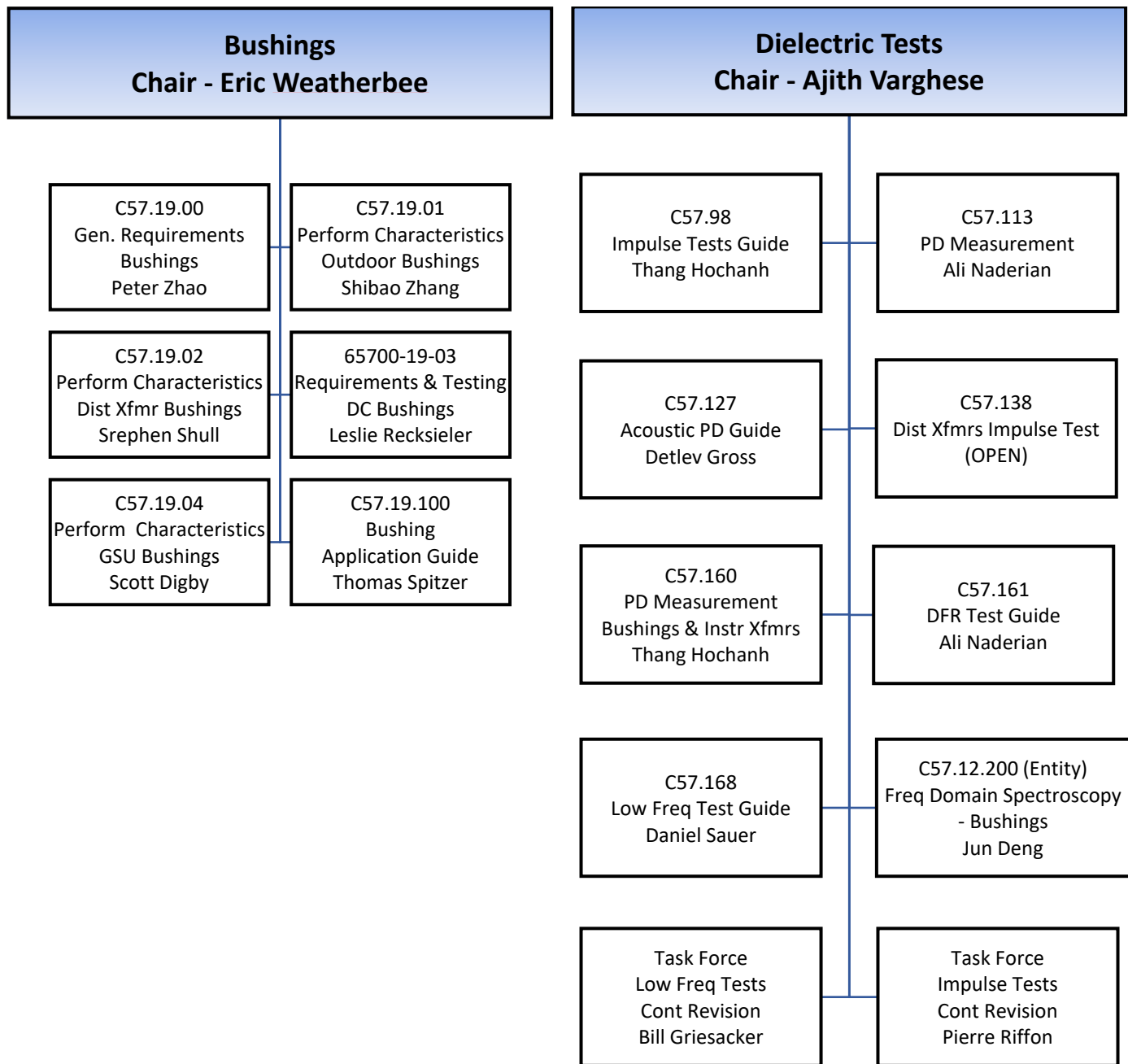
Chair: Thomas Sizemore

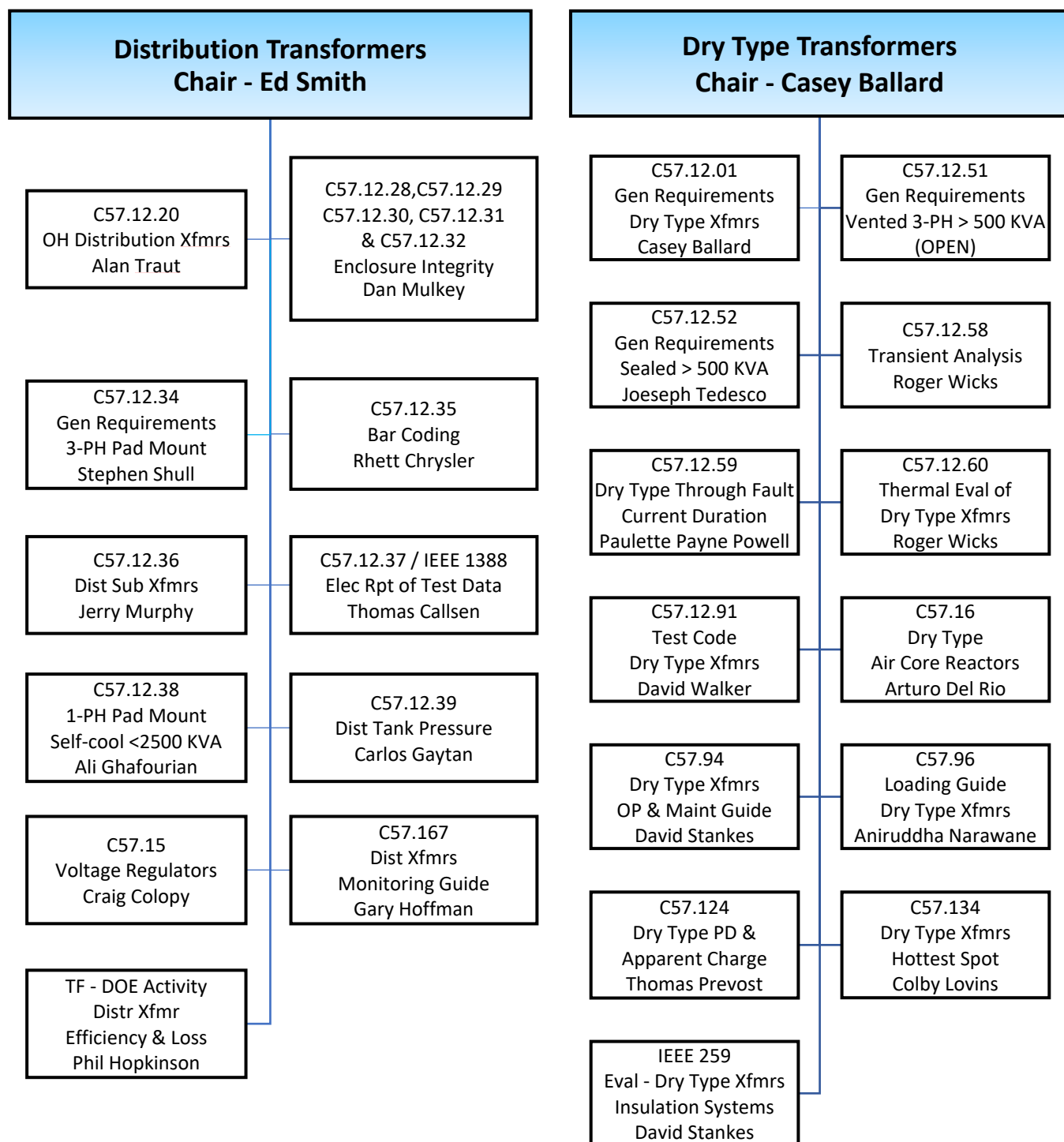
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Subsurface Transformers & Network Protectors

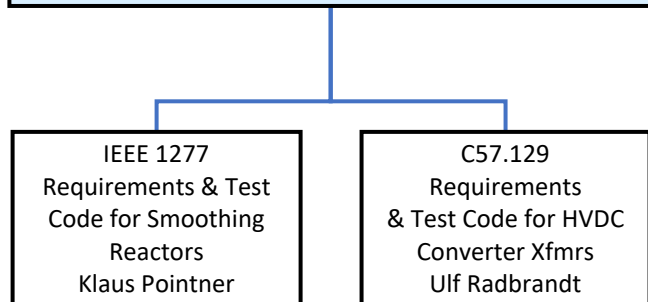
Chair: George Payerle

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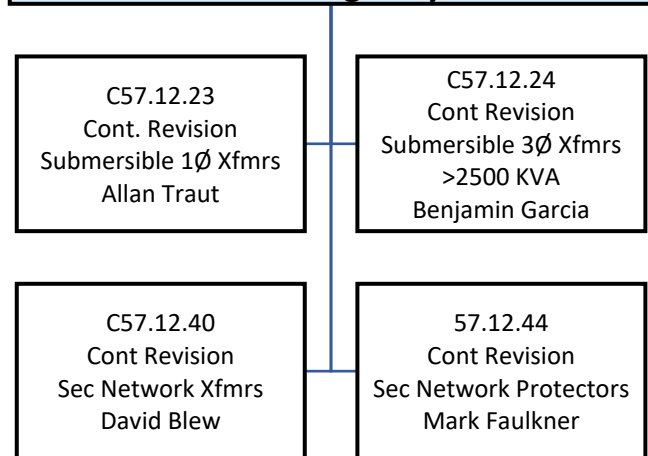




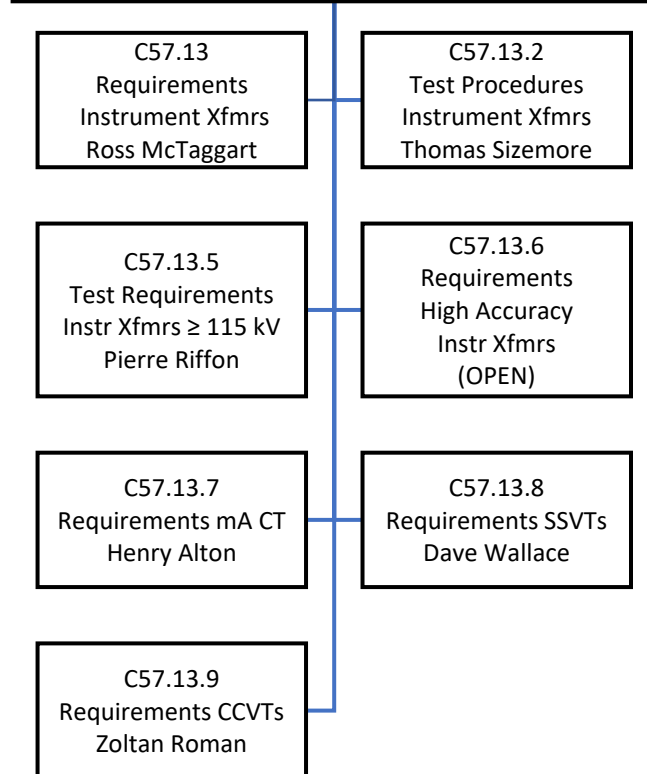
HVDC Converter Transformers & Smoothing Reactors Chair - Ulf Radbrandt

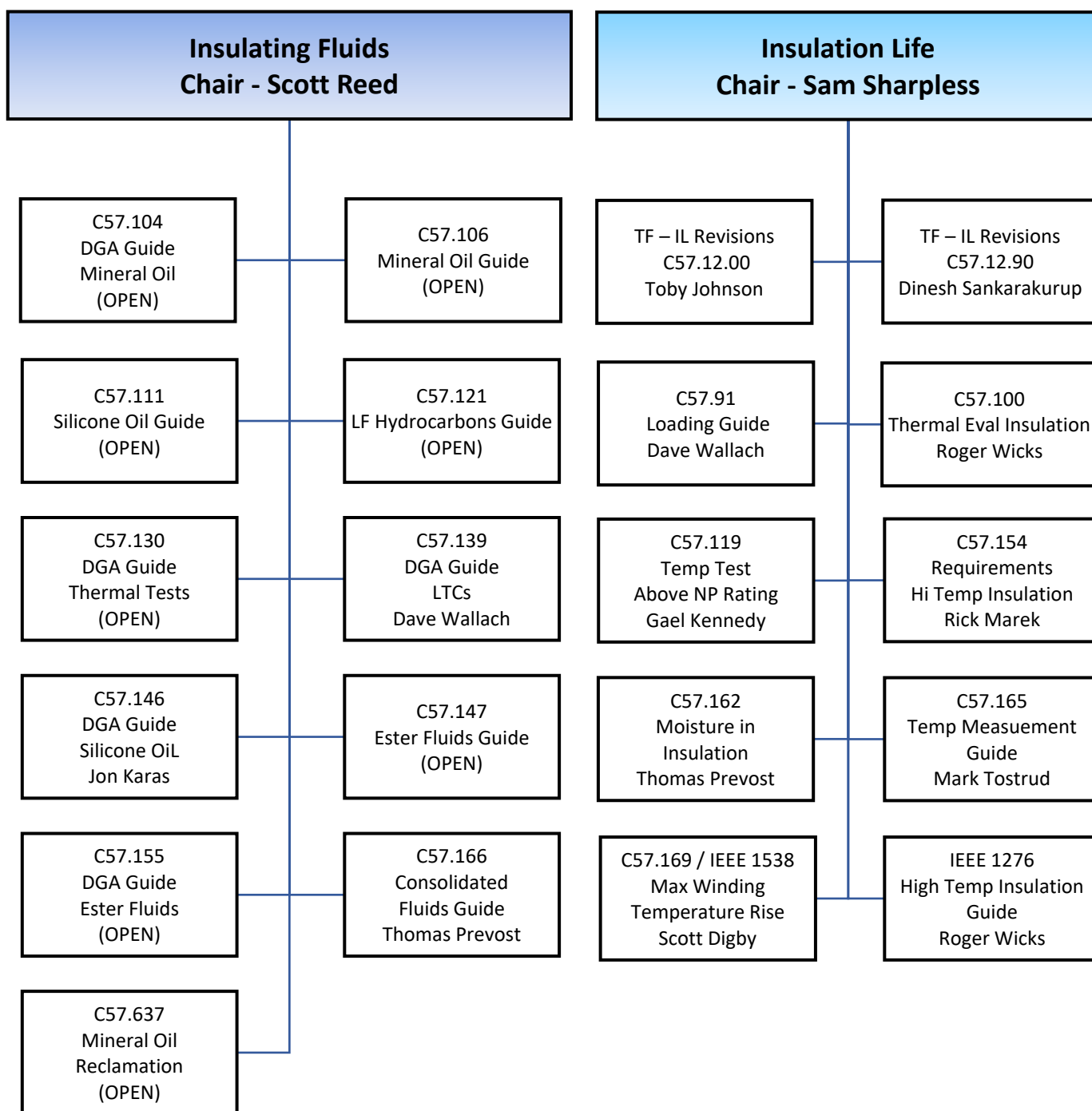


Subsurface Transformers & Network Protectors Chair - George Payerle



Instrument Transformers Chair - Thomas Sizemore



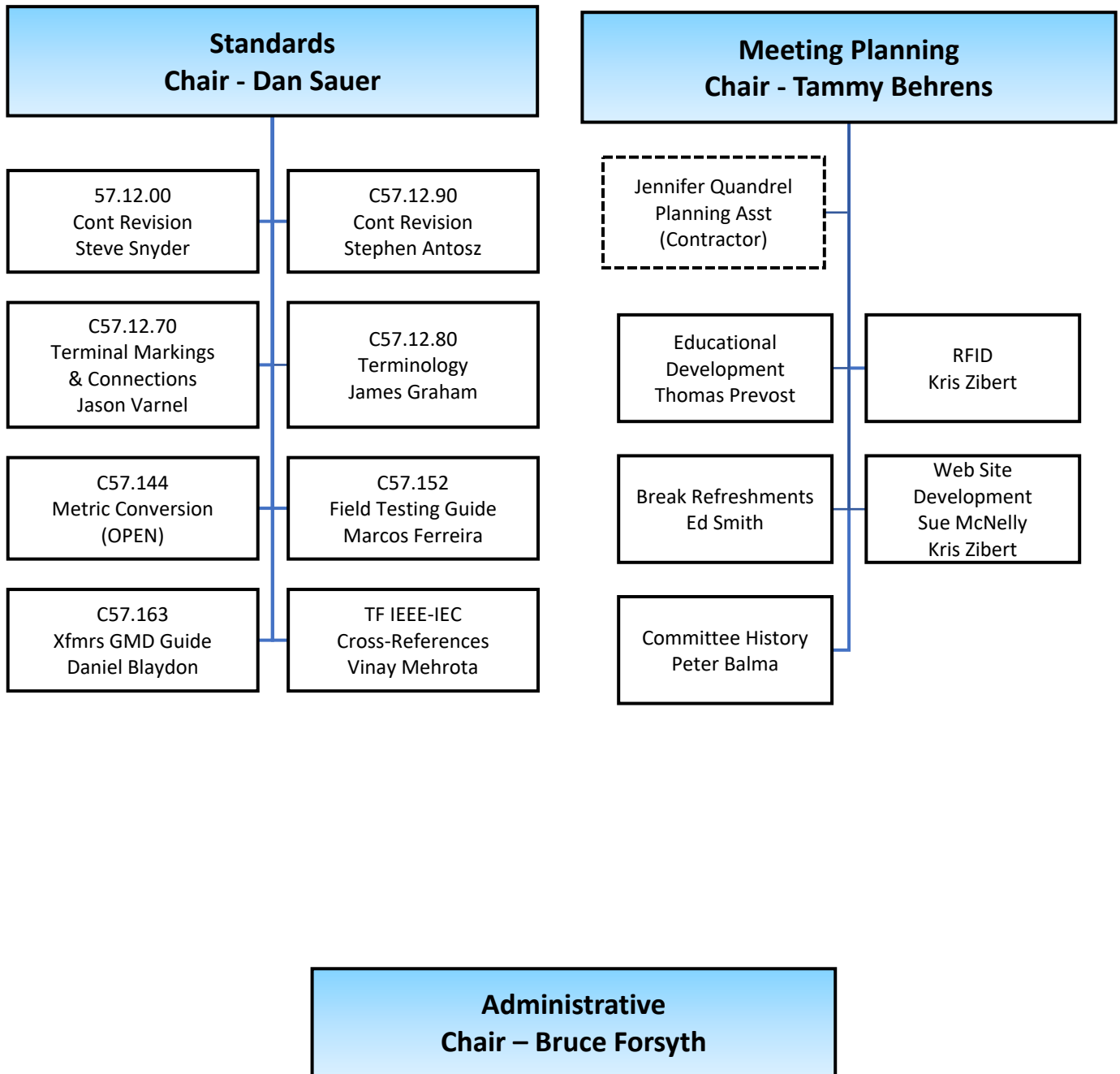


Performance Characteristics Chair - Rogerio Verdolin

TF-PCS Revisions C57.12.00 Tauhid Ansari	TF-PCS Revisions C57.12.90 Hakan Sahin
C57.18.10 Semicon Rectifier Xfmrs Sheldon Kennedy	C57.21 Req & Test Code Reactors >500 KVA Sanjib Som
C57.32 Neutral Gnd Devices Sheldon Kennedy	C57.105 Xfmr Connections Guide Rogerio Verdolin
C57.109 Through Fault Current Duration Vinay Mehrota	C57.110 Nonsinusoidal Load Currents Rick Marek
C57.120 Loss Evaluation Guide Rogerio Verdolin	C57.123 Xfmr Loss Measurement Ed teNyenhuus
C57.133 Short Ckt Testing Thomas Prevost	C57.136 Sound Level Abatement Stephen Antosz
C57.142 Sw Transients CB/Xfmr Jim McBride	C57.149 FRA for Oil Immersed Xfmrs Charles Sweetser
C57.158 Tert & Stabilizing Windings Enrique Betancourt	C57.159 DPV Grid Xfmrs Hem Shertukde
C57.164 Short Ckt Withstand Sanjay Patel	60076-16 Wind Farm Xfmrs Phil Hopkinson
C57.32a (Amend) Neutral Gnd Devices Sergio Panetta	C57.32.10 (Entity) HVDC Neutral Devices Hua Zhang

Power Transformers Chair - Bill Griesacker

C57.12.10 Req -Power Xfmrs Gary Hoffman	C57.17 Arc Furnace Xfmrs Robert Ganser
C57.93 Installation Guide (OPEN)	C57.116 Direct Connect GSU Weijun Li
C57.125 Failure Investigations Wally Binder	C57.135 Phase-Shift Xfmrs Raj Ahuja
C57.140 Reconditioning Power Xfmrs Paul Boman	C57.143 Monitoring Guide Michael Spurlock
C57.148 Cont Cabinet Guide Joe Watson	C57.150 Transportation Guide Greg Anderson
C57.153 Paralleling Guide (OPEN)	C57.156 Tank Rupture Guide Peter Zhao
C57.157 Functional Life Tests - Switch Contacts Phil Hopkinson	C57.170 Xfmr Condition Assessment Kumar Mani
60214-1-57-131 Gen Requirements Tap Changers Craig Colopy	60214-2 Application Guide Tap Changers Craig Colopy
60076-57-1202 Requirements - Phase Shifters Raj Ahuja	IEEE 638 1E Xfmrs at Nuclear Stations Craig Swinderman
C57.93a (Amend) Cold Start - Esters Wei Yao	



IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone		Rev Due Date	Remark
PROJECT		Email		PAR Expiration	
SubCommittee BUSHINGS					
CHAIR: Eric Weatherbee		eweatherbee@hubbell.com		(585) 768 - 1272	
Individual	Draft Standard for Design and Performance Requirements for Bushings Applied to Liquid Immersed Distribution Transformers	Stephen Shull (417) 206 - 4047 sshull@ckt.net		2/5/2016	PAR approved with one PAR extension
PC57.19.02				12/31/2022	
C57.19.00	Standard General Requirements and Test Procedure for Power Apparatus Bushings	Peter Zhao (416) 345 - 5926 peter.zhao@hydroone.com	2004	2/15/2018	WITHDRAWN + PAR for Revision
Individual				12/31/2020	
PC57.19.00				12/31/2022	
C57.19.01	IEEE Standard Performance Characteristics and Dimensions for Outdoor Apparatus Bushings	....	2017		Approved
Individual		.....	12/31/2027		
					
C57.19.03	IEC/IEEE International Standard -- Bushings for DC application	....	2014		Approved
Individual		.....	12/31/2024		IEEE /IEC Dual Logo Approved by SASB in June 2014 (65700-19-03)
					
C57.19.04	IEEE Standard for Performance Characteristics and Dimensions for High Current Power Transformer Bushings with Rated Continuous Current in Excess of 5000 A in Bus Enclosures	....	2018		Approved
Individual		.....	12/31/2028		
					
C57.19.100	IEEE Guide for Application of Power Apparatus Bushings	Roger Wicks (804) 383 - 3300 roger.c.wicks@dupont.com	2012	5/21/2019	Approved + PAR for Revision
Individual			12/31/2022		
PC57.19.100				12/31/2023	

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone			Remark
PROJECT		Email	Rev Due Date	PAR Expiration	
SubCommittee DIELECTRIC TESTS					
CHAIR: Ajith Varghese		ajith.varghese@spx.com		(262) 442 - 7197	
Entity	Guide for the Frequency Domain Spectroscopy Measurement of Transformer Bushings	Jinli Wang wangjinli@epri.sgcc.com.cn		9/27/2018	Active PAR
PC57.12.200				12/31/2022	
Individual	Guide for the Electrical Measurement of Partial Discharges in High Voltage Bushings and Instrument Transformers	Thang Hochanh (819) 821-3636 thanghochanh@surplec.com		6/15/2017	Active PAR SA BALLOT: In Comment Resolution
PC57.160				12/31/2022	
Individual	Guide for Low Frequency Dielectric Testing for Distribution, Power and Regulating Transformers	Daniel Sauer (262) 896 - 2417 dmsauer@mtu.edu		6/14/2018	Active PAR
PC57.168				12/31/2022	
C57.113	IEEE Guide for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors	Ali Naderian (647) 300 - 8836 ali.naderian@ieee.org	2010	12/3/2017	WITHDRAWN + PAR for Revision
Individual			12/31/2020		
PC57.113				12/31/2021	
C57.127	IEEE Guide for the Detection, Location and Interpretation of Sources of Acoustic Emissions from Electrical Discharges in Power Transformers and Power Reactors	.... ..... .....	2018		Approved
Individual			12/31/2028		
C57.138	IEEE Recommended Practice for Routine Impulse Test for Distribution Transformers	.... ..... .....	2016		Approved
Individual			12/31/2026		
C57.161	IEEE Guide for Dielectric Frequency Response Test	.... ..... .....	2018		Approved
Individual			12/31/2028		
C57.98	IEEE Guide for Transformer Impulse Tests	Thang Hochanh (819) 821-3636 thanghochanh@surplec.com	2011	10/27/2018	Approved + PAR for Revision
Individual			12/31/2021		
PC57.98				12/31/2022	

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone		Rev Due Date	Remark
PROJECT		Email		PAR Expiration	
SubCommittee DISTRIBUTION TRANSFORMERS					
CHAIR: Edward Smith		edsmith@h-j.com		(636) 677 - 3421	
Entity	Recommended Practice for On-load Capacity Switching Distribution Transformers	Jinli Wang		2/10/2021	Active PAR
PC57.12.210		 wangjinli@epri.sgcc.com.cn		12/31/2025	
Individual	Guide for Monitoring Distribution Transformers	Gary Hoffman		6/14/2018	Active PAR
PC57.167		(973) 474 - 2171 grhoffman@advpowertech.co		12/31/2022	
C57.12.20	Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller, High-Voltage 34 500 Volts and Below; Low-Voltage, 7970/13 800 Y Volts and Below	Alan Traut	2017	2/8/2019	Approved + PAR for Revision
Individual		(601) 422 - 1198 atraut@ieee.org	12/31/2027	12/31/2023	
PC57.12.20					
C57.12.28	Standard for Pad Mounted Equipment - Enclosure Integrity	Daniel Mulkey	2014	3/5/2020	Approved + PAR for Revision
Individual		(707) 776 - 7346 dhmulkey@ieee.org	12/31/2024	12/31/2024	
PC57.12.28					
C57.12.29	Standard for Pad Mounted Equipment - Enclosure Integrity for Coastal Environments	Daniel Mulkey	2014	3/5/2020	Approved + PAR for Revision
Individual		(707) 776 - 7346 dhmulkey@ieee.org	12/31/2024	12/31/2024	
PC57.12.29					
C57.12.30	Std for Pole-Mounted Eqpt - Enclosures for Coastal Environment	.....	2020		Approved new standard
Individual		..... .....	12/31/2030		
C57.12.31	IEEE Standard for Pole Mounted Equipment - Enclosure Integrity	.....	2020		Approved
Individual		..... .....	12/31/2030		
C57.12.32	Standard for Submersible Equipment - Enclosure Integrity		2019		Approved
Individual			12/31/2029		

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BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee DISTRIBUTION TRANSFORMERS					
CHAIR: Edward Smith		edsmith@h-j.com		(636) 677 - 3421	
C57.12.34	IEEE Standard Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller; High-Voltage, 34.5 kV Nominal System Voltage and Below; Low-Voltage, 15 kV Nominal System Voltage and Below	Stephen Shull (417) 206 - 4047 sshull@ckt.net	2015 12/31/2025	9/22/2016 12/31/2022	Approved + PAR for Revision + one PAR extension
Individual					
PC57.12.34					
C57.12.35	IEEE Standard Bar Coding for Distribution Transformers and Step-Voltage Regulators	Rhett Chrysler (731) 288 - 2831 rhettchrysler@ieee.org	2013 12/31/2023	6/13/2019 12/31/2023	Approved + PAR for Revision
Individual					
PC57.12.35					
C57.12.36	Standard Requirements for Liquid-Immersed Distribution Substation Transformers	.... ..... .....	2017 12/31/2027		Approved
Individual					
C57.12.37	IEEE Standard for the Electronic Reporting of Transformer Test Data	.... ..... .....	2015 12/31/2025		Approved
Individual					
C57.12.38	IEEE Standard for Pad-Mounted-Type, Self-Cooled, Single-Phase Distribution Transformers 250 kVA and Smaller: High Voltage, 34 500 GrdY/19 920 V and Below; Low Voltage, 480/240 V and Below	Ali Ghafourian (706) 202 - 7212 asghar.ghafourian@gmail.com	2014 12/31/2024	10/28/2017 12/31/2021	Approved + PAR for Revision
Individual					
PC57.12.38					
C57.12.39	IEEE Standard for Requirements for Distribution Transformer Tank Pressure Coordination	.... ..... .....	2017 12/31/2027		Approved
Individual					
C57.15	IEEE Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators		2017 12/31/2027		Approved
Individual					

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee DRY TYPE TRANSFORMERS					
CHAIR: Robert Ballard		robert.c.ballard@ieee.org		(276) 608 - 7133	
259	IEEE Standard Test Procedure for Evaluation of Systems of Insulation for Dry-Type Specialty and General-Purpose Transformers	David Stankes (512) 984 - 5026 dsstankes@mmm.com	1999 12/31/2020	12/3/2020 12/31/2024	WITHDRAWN + PAR for Revision Standard was allowed to expire by the SC. However, when revising IEEE C57.12.60, the need for this standard was recognized.
Individual					
P259					
C57.12.01	IEEE Standard for General Requirements for Dry-Type Distribution and Power Transformers	.... ..... .....	2020 12/31/2030		Approved This standard is under continuous revision with a planned PAR submittal in 2021.
Individual					
C57.12.51	IEEE Guide for Mechanical Interchangeability of Ventilated Dry-Type Transformers	.... ..... .....	2019 12/31/2029		Approved
Individual					
C57.12.52	IEEE Standard for Sealed Dry-Type Power Transformers, 501 KVA and Higher, Three-Phase, with High-Voltage 601 to 34500 Volts, Low-Voltage 208Y/120 to 4160 Volts--General Requirements	Joseph Tedesco (276) 688-1675 joseph.l.tedesco@hitachi-pow	2012 12/31/2022	3/5/2020 12/31/2024	Approved + PAR for Revision
Individual					
PC57.12.52					
C57.12.58	IEEE Guide for Conducting a Transient Voltage Analysis of a Dry-Type Transformer Coil	.... ..... .....	2017 12/31/2027		Approved
Individual					
C57.12.59	IEEE Guide for Dry-Type Transformer Through-Fault Current Duration	.... ..... .....	2015 12/31/2025		Approved A TF Chair to study the need for revision will be requested at the Spring 21 Subcommittee Meeting.
Individual					
C57.12.60	IEEE Standard for Thermal Evaluation of Insulation Systems for Dry-Type Power and Distribution Transformers	.... ..... .....	2020 12/31/2030		Approved
Individual					
C57.12.91	IEEE Standard Test Code for Dry-Type Distribution and Power Transformers		2020 12/31/2030		Approved This standard is under continuous revision with a planned PAR submittal in 2021.
Individual					

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee DRY TYPE TRANSFORMERS					
CHAIR: Robert Ballard		robert.c.ballard@ieee.org		(276) 608 - 7133	
C57.124	IEEE Recommended Practice for the Detection of Partial Discharge and the Measurement of Apparent Charge in Dry-Type Transformers	....	1991	6/15/2017	WITHDRAWN + PAR for Revision
Individual		.....	12/31/2019		This is late due to an earlier decision to wait on the development of IEEE C57.113 to keep the testing processes in sync between liquid filled and dry type. For the next revision it has been proposed that these two documents be combined to reduce the effort. It is questionable if it will complete in 2021.
PC57.124		.....		12/31/2021	
C57.134	IEEE Guide for Determination of Hottest Spot Temperature in Dry Type Transformers	....	2013		Approved
Individual		.....	12/31/2023		A PAR request has been submitted and is on the REVCOM agenda for May 4 2021.
					
C57.16	IEEE Standard Requirements, Terminology, and Test Code for Dry-Type Air- Core Series- Connected Reactors	J. Arturo Del Rio	2011	2/5/2016	Approved + PAR for Revision + 2 yrs Extension
Individual		(919) 449 - 5675	12/31/2021		
PC57.16		a.delrio@ieee.org		12/31/2022	PAR for new Revision approved Feb 2016
C57.94	IEEE Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type Distribution and Power Transformers	....	2015		Approved
Individual		.....	12/31/2025		A TF chair to study the need for revision will be appointed at the Spring 21 Subcommittee meeting
					
C57.96	IEEE Guide for Loading Dry-Type Distribution and Power Transformers	Aniruddha Narawane	2013	2/10/2021	Approved + PAR for Revision
Individual		(804) 229 - 5956	12/31/2023		
PC57.96		aniraj200@yahoo.com		12/31/2025	

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee HVDC TRANSFORMERS					
CHAIR:	Ulf Radbrandt	ulf.radbrandt@ieee.org		4 (624) 078 - 3357	
1277	IEEE Standard General Requirements and Test Code for Dry-Type and Oil-Immersed Smoothing Reactors and for Dry-Type Converter Reactors for DC Power Transmission	....	2020		Approved
Individual	.....		12/31/2030		
					
60076-57-129	IEC/IEEE International Standard - Power transformers--Part 57-129: Transformers for HVDC applications	....	2017		Approved
Individual	.....		12/31/2027		
					
C57.129	IEEE General Requirements and Test Code for Oil Immersed HVDC Converter Transformers		2007		WITHDRAWN
Individual			12/31/2018		
					

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone			Remark
PROJECT		Email	Rev Due Date	PAR Expiration	
SubCommittee INSTRUMENT TRANSFORMERS					
CHAIR: Thomas Sizemore		thomas.sizemore.us@ieee.org		(252) 827 - 3235	
Individual P63253-5713-8	Standard Requirements for Station Service Voltage Transformers	David Wallace (662) 325 - 2009 daweleceng@aol.com		3/21/2019	Active PAR
				12/31/2021	
Individual PC57.13.9	Standard for Power-Line Carrier Coupling Capacitors and Coupling Capacitor Voltage Transformers	Zoltan Roman (706) 360 - 4964 zoltan.roman@ge.com		3/23/2017	Active PAR
				12/31/2021	
C57.13 Individual PC57.13-2016	IEEE Standard Requirements for Instrument Transformers	....	2016	3/20/2019	Approved + PAR for Corrigenda
		.....	12/31/2026		
		.....		12/31/2023	
C57.13.2 Individual PC13.2	Conformance Test Procedure for Instrument Transformers	Shibao Zhang (585) 768-1273 szhang@hubbell.com	2005	12/6/2017	Approved + PAR for Revision
			12/31/2020		
				12/31/2021	
C57.13.5 Individual	Standard of Performance and Test Requirements for Instrument Transformers of a Nominal System Voltage of 115 kV and Above	....	2019		Approved
		.....	12/31/2029		
					
C57.13.6 Individual	Standard for High Accuracy Instrument Transformers	....	2005		WITHDRAWN
		.....	12/31/2020		
					
C57.13.7 Individual	IEEE Standard for Current Transformers with Maximum Milliampere Secondary Current of 250 mA		2018		Approved
			12/31/2028		
					

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee INSULATING FLUIDS					
CHAIR:	Scott Reed	sreed@mvadiagnostics.com	(330) 498 - 6259		
Individual PC57.162	Guide for the Interpretation of Moisture Related Parameters in Liquid Immersed Transformers and Reactors	Thomas Prevost (802) 751 - 3458 tprevost@ieee.org		2/10/2021 12/31/2022	Active PAR + 2 PAR Extensions This will not get another extension with significant extenuating circumstances.
Individual PC57.166	Guide for Acceptance and Maintenance of Insulating Liquids in Transformers and Related Equipment	Thomas Prevost (802) 751 - 3458 tprevost@ieee.org		3/8/2018 12/1/2022	Active PAR
C57.104 Individual	IEEE Guide for the Interpretation of Gases Generated in Mineral Oil-Immersed Transformers	.... ..... .....	2019 12/31/2029		Approved
C57.106 Individual	IEEE Guide for Acceptance and Maintenance of Mineral Insulating Oil in Electrical Equipment	.... ..... .....	2015 12/31/2025		Approved
C57.111 Individual	IEEE Guide for Acceptance of Silicone Insulating Fluid and Its Maintenance in Transformers	.... ..... .....	1989 3/19/2019		WITHDRAWN
C57.121 Individual	IEEE Guide for Acceptance and Maintenance of Less-Flammable Hydrocarbon Fluid in Transformers	.... ..... .....	1998 12/9/2019		WITHDRAWN
C57.130 Individual	IEEE Guide for the Use of Dissolved Gas Analysis Applied to Factory Temperature Rise Tests for the Evaluation of Mineral Oil-Immersed Transformers and Reactors	.... ..... .....	2015 12/31/2025		Approved
C57.139 Individual	Guide for Dissolved Gas Analysis in Transformer Load Tap Changers	.... ..... .....	2015 12/31/2025		Approved
C57.146 Individual PC57.146	Guide for Interpretation of Gasses Generated in Silicone-Immersed Transformers		2005 12/31/2021	3/5/2020 12/31/2024	Approved + PAR for Revision

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee INSULATING FLUIDS					
CHAIR:	Scott Reed	sreed@mvadiagnostics.com		(330) 498 - 6259	
C57.147	Guide for Acceptance and Maintenance of Natural Insulating Liquid in Transformers	....	2018		Approved
Individual		.....	12/31/2028		
					
C57.155	IEEE Guide for Interpretation of Gases Generated in Natural Ester and Synthetic Ester-Immersed Transformers	....	2014		Approved
Individual		.....	12/31/2024		
					
C57.637	IEEE Guide for the Reclamation of Mineral Insulating Oil and Criteria for Its Use		2015		Approved
Individual			12/31/2025		
					

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone		Rev Due Date	Remark
PROJECT		Email		PAR Expiration	
SubCommittee INSULATION LIFE					
CHAIR: Samuel Sharpless		slsharpless@rimkus.com		(407) 661 - 1245	
Individual	Guide for Temperature Measurements for Liquid Immersed Transformers and Reactors	Mark Tostrud (262) 746 - 1230 mark.tostrud@dynamicratings.		2/17/2017	Active PAR
PC57.165				12/31/2021	
Individual	Guide for Determination of Maximum Winding Temperature Rise in Liquid-Immersed Transformers	Scott Digby (919) 546 - 5798 scott.digby@duke-energy.com		3/21/2019	Active PAR
PC57.169				12/31/2023	
1276	IEEE Guide for the Application of High-Temperature Insulation Materials in Liquid-Immersed Distribution, Power, and Regulating Transformers	.... ..... .....	2020	12/31/2030	Approved
Individual					
1538	IEEE Guide for Determination of Maximum Winding Temperature Rise in Liquid Filled Transformer	.... ..... .....	2000	12/31/2021	Approved Please note that this document will be allowed to go inactive as it is being replaced by C57.169.
Individual					
1538a	IEEE Guide for Determination of Maximum Winding-Temperature Rise in Liquid Immersed Transformers -- Amendment 1	.... ..... .....	2015	12/31/2021	Approved Please note that this document will be allowed to go inactive as it is being replaced by C57.169.
Individual					
C57.100	IEEE Standard Test Procedure for Thermal Evaluation of Liquid-Immersed Distribution and Power Transformers	Roger Wicks (804) 383 - 3300 roger.c.wicks@dupont.com	2011	10/30/2018	Approved + PAR for Revision
Individual			12/31/2021	12/31/2022	
PC57.100					
C57.119	IEEE Recommended Practice for Performing Temperature Rise Tests on Liquid Immersed Power Transformers at Loads Beyond Nameplate Ratings	.... ..... .....	2018	12/31/2028	Approved
Individual					
C57.154	IEEE Guide for Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid--Immersed Transformers	Richard Marek (804) 768 - 0748 rick.marek@gmail.com	2012	10/27/2018	Approved + PAR for Revision
Individual			12/31/2022	12/31/2022	
PC57.154					
C57.91	IEEE Guide for Loading Mineral-Oil-Immersed Transformers and Step-Voltage Regulators	David Wallach (980) 373 - 4167 david.wallach@duke-energy.c	2011	10/28/2017	Approved + PAR for Revision
Individual			12/31/2021	12/31/2021	
PC57.91					

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Status Report of Transformers Standards

STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone			Remark
PROJECT		Email	Rev Due Date	PAR Expiration	
SubCommittee PERFORMANCE CHARACTERISTICS					
CHAIR: Rogério Verdolin		roger.verdolin@ieee.org		(403) 850 - 4304	
Entity	Guide for the Selection of Neutral-Grounding Devices for High Voltage Direct Current (HVDC) Converter Transformers	Ding Lijie ding_lijie@163.com		10/30/2018	Active PAR
C57.32.10				12/31/2022	
Individual	Guide for Establishing Short Circuit Withstand Capabilities of Liquid Immersed Power Transformers, Regulators, and Reactors	Sanjay Patel (843) 871 - 3434 s.patel@smitusa.com		6/30/2016	Active PAR + 1 PAR Extension
PC57.164				12/31/2022	
C57.105	IEEE Guide for Application of Transformer Connections in Three-Phase Distribution Systems	Rogério Verdolin (403) 850 - 4304 roger.verdolin@ieee.org	2019	12/3/2020	Approved+ PAR for Corrigenda
Individual			12/31/2029		Corrigenda for the 2019 version of the standard
PC57.105/Cor 1				12/31/2024	
C57.109	IEEE Guide for Liquid-Immersed Transformers Through-Fault-Current Duration	.... ..... .....	2018		Approved
Individual			12/31/2028		
C57.110	IEEE Recommended Practice for Establishing Liquid Immersed and Dry-Type Power and Distribution Transformer Capability when Supplying Nonsinusoidal Load Currents	.... ..... .....	2018		Approved
Individual			12/31/2028		
C57.120	IEEE Guide for Loss Evaluation of Distribution and Power Transformers and Reactors	.... ..... .....	2017		Approved
Individual			12/31/2027		
C57.123	IEEE Guide for Transformer Loss Measurement	.... ..... .....	2019		Approved
Individual			12/31/2029		
C57.136	IEEE Guide for Sound Level Abatement and Determination for Liquid- Immersed Power Transformers and Shunt Reactors Rated Over 500 kVA	Ali Naderian (647) 300 - 8836 ali.naderian@ieee.org	2000	2/10/2021	WITHDRAWN + PAR for Revision
Individual			12/31/2018		
PC57.136				12/31/2025	
C57.142	A Guide To Describe The Occurrence And Mitigation Of Switching Transients Induced By Transformer-Breaker Interaction	Jim McBride (770) 460-6626 jim@jmxhv.com	2010	3/23/2017	WITHDRAWN + PAR for Revision
Individual			12/31/2020		
PC57.142				12/31/2021	

IEEE/PES TRANSFORMERS COMMITTEE

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee PERFORMANCE CHARACTERISTICS					
CHAIR: Rogério Verdolin		roger.verdolin@ieee.org		(403) 850 - 4304	
C57.149	Guide for the Application and Interpretation of Frequency Response Analysis for Oil Immersed Transformers	Charles Sweetser (617) 901 - 6180 charles.sweetser@omnicronen	2012 12/31/2022	6/14/2018 12/31/2022	Approved + PAR for Revision
Individual					
PC57.149					
C57.158	IEEE Guide for the Application of Tertiary and Stabilizing Windings in Power Transformers	.... ..... .....	2017 12/31/2027		Approved
Individual					
C57.159	IEEE Guide on Transformers for Application in Distributed Photovoltaic (DPV) Power Generation Systems	.... ..... .....	2016 12/31/2026		Approved
Individual					
C57.18.10	IEEE Standard Practices and Requirements for Semiconductor Power Rectifier Transformers	.... ..... .....	1998 12/31/2019	6/30/2016 12/31/2022	WITHDRAWN + PAR for Revision
Individual					
PC57.18.10					
C57.21	IEEE Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA	Sanjib Som (724) 705-3050 ssom@patransformer.com	2008 12/31/2018	8/21/2014 12/31/2021	WITHDRAWN + PAR for Revision Ballot closed - 3/19/2021 RevCom Extension Requested (April 28,2021 MEETING)
Individual					
PC57.21					
C57.32	IEEE Standard Requirements, Terminology, and Testing Procedures for Neutral Grounding Devices	.... ..... .....	2015 12/31/2025		Approved
Individual					
C57.32a	IEEE Standard for Requirements, Terminology, and Test Procedure for Neutral Grounding Devices--Amendment 1: Neutral Grounding Resistors Clause (AM)		2020 12/31/2025		Approved
Individual					

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BALLOT TYPE		Phone			Remark
PROJECT		Email	Rev Due Date	PAR Expiration	
SubCommittee POWER TRANSFORMERS					
CHAIR:	Bill	Griesacker	bgriesacker@verizon.net (412) 916 - 6446		
Individual	Guide for the Condition Assessment of Liquid Immersed Transformers, Reactors and Their Components	Kumar Mani (919) 546 - 2791 kumar.mani@duke-energy.co		9/5/2019	Active PAR
PC57.170				12/31/2023	
Entity	IEEE Approved Draft Guide for Installation and Maintenance of Liquid-Immersed Power Transformers Amendment: Cold Start of Power Transformers filled with Natural Ester Fluids	Wei Yao yaoweidky@163.com		2/10/2021	Active PAR
PC57.93a				12/31/2024	
60076-16	IEC/IEEE International Standard - Power transformers - Part 16: Transformers for wind turbine applications	.... ..... .....	2018 12/31/2028		Approved
Individual					
60076-57-1202	IEC/IEEE International Standard Power transformers --Part 57-1202: Liquid immersed phase-shifting transformers	.... ..... .....	2016 12/31/2026		Approved
Individual					
60214-2	IEEE Draft Standard for Tap-Changers - Part 2: Application Guide	.... ..... .....	2019 12/31/2029		Approved
Individual					
638	IEEE Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations	.... ..... .....	2013 12/31/2023		Approved
Individual					
C57.116	IEEE Guide for Transformers Directly Connected to Generators	Weijun Li (781) 348 - 1076 wli@beld.com	2014 12/31/2024	11/7/2019	Approved + PAR for Revision
Individual				12/31/2023	
PC57.116					
C57.117	IEEE Guide for Reporting Failure Data for Power Transformers and Shunt Reactors on Electric Utility Power Systems		1987 12/31/2018		Withdrawn
Individual					

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BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee POWER TRANSFORMERS					
CHAIR:	Bill	Griesacker			
		bgriesacker@verizon.net		(412) 916 - 6446	
C57.12.10	Standard Requirements for Liquid-Immersed Power Transformers	....	2017		Approved
Individual		.....	12/31/2027		
					
C57.125	IEEE Guide for Failure Investigation, Documentation, Analysis, and Reporting for Power Transformers and Shunt Reactors	....	2015		Approved
Individual		.....	12/31/2025		Oct'10: decision to merge with C57.117.
		.....			Feb'11: NESCOM approved new PAR to merge 117 and 125. Standard approved Sept 2015
C57.131	IEEE Standard Requirements for Tap Changers	Craig Colopy	2012	12/3/2020	Approved + PAR for Revision
Individual		(262) 896 - 2342	12/31/2022		
PC57.131		craigacolopy@eaton.com		12/31/2024	
C57.135	IEEE Guide for the Application, Specification and Testing of Phase- Shifting Transformers	....	2011		Approved
Individual		.....	12/31/2021		
					
C57.140	IEEE Guide for Evaluation and Reconditioning of Liquid Immersed Power Transformers	....	2017		Approved
Individual		.....	12/31/2027		
					
C57.143	Guide for Application for Monitoring Equipment to Liquid-Immersed Transformers and Components	Mike Spurlock	2012	2/17/2017	Approved + PAR for Revision
Individual		(614) 933 - 2284	12/31/2022		
PC57.143		mspurlock@ieee.org		12/31/2021	
C57.148	Standard for Control Cabinets for Power Transformers	....	2020		Approved
Individual		.....	12/31/2030		
					
C57.150	IEEE Guide for the Transportation of Transformers and Reactors Rated 10 000 kVA or Higher		2012	3/23/2017	Approved + PAR for Revision
Individual			12/31/2022		
PC57.150				12/31/2021	

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BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee POWER TRANSFORMERS					
CHAIR:	Bill	Griesacker	bgriesacker@verizon.net		(412) 916 - 6446
C57.153	Guide for Paralleling Power Transformers	....	....	2015	Approved
Individual		.....		12/31/2025	
					
C57.156	IEEE Guide for Tank Rupture Mitigation of Liquid-Immersed Power Transformers and Reactors	....	....	2016	Approved
Individual		.....		12/31/2026	
					
C57.157	IEEE Guide for Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid--Immersed Transformers	....	....	2015	Approved
Individual		.....		12/31/2025	
					
C57.17	Standard Requirements for Arc Furnace Transformers	....	....	2012	Approved
Individual		.....		12/31/2022	
					
C57.93	IEEE Approved Draft Guide for Installation and Maintenance of Liquid-Immersed Power Transformers			2019	Approved
Individual				12/31/2029	
					

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STANDARD		Working Group Chair	Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee STANDARDS					
CHAIR: Daniel Sauer		dmsauer@mtu.edu		(262) 896 - 2417	
C57.12.00	IEEE Standard for General Requirements For Liquid-Immersed Distribution, Power, and Regulating Transformers	Steven Snyder (859) 219 - 6057 slnsnyder@ieee.org	2015 12/31/2025	2/17/2017 12/31/2021	Approved + PAR for Revision SA BALLOT
Individual					
PC57.12.00					
C57.12.70	IEEE Standard For Standard Terminal Markings and Connections for Distribution and Power Transformers	.... ..... .....	2020 12/31/2030		Approved
Individual					
C57.12.80	IEEE Standard Terminology for Power and Distribution Transformers	James Graham (412) 478 - 4450 jimgraham@ieee.org	2010 12/31/2020	3/23/2017 12/31/2021	WITHDRAWN + PAR for Revision
Individual					
PC57.12.80					
C57.12.90	IEEE Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers	Stephen Antosz (412) 498 - 3916 santosz@ieee.org	2015 12/31/2025	12/7/2017 12/31/2021	Approved Includes Corregenda 1 for Editorial and Technical Corections SA BALLOT
Individual					
PC57.12.90					
C57.144	Guide for Metric Conversion of Transformer Standards	.... ..... .....	2004 12/31/2020		Withdrawn This was to be incorporated into P947 but this project has been withdrawn. This needs to be reviewed in light of SCC 14 documents.
Individual					
C57.152	IEEE Guide for Diagnostic Field Testing of Fluid-Filled Power Transformers, Regulators, and Reactors	Marcos Ferreira (971) 703 - 0777 mdferreira@comcast.net	2013 12/31/2023	6/13/2019 12/31/2023	Approved + PAR for Revision
Individual					
PC57.152					
C57.163	IEEE Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances	Daniel Blaydon (410) 470 - 8827 dblaydon@ieee.org	2015 12/31/2025	3/5/2014 12/31/2024	Approved + PAR for Revision Corregenda 1 will be included with this Revision
Individual					
PC57.163					

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STANDARD		Working Group Chair		Pub Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone		Rev Due Date	PAR Expiration	Remark
PROJECT		Email				
SubCommittee SUBSURFACE TRANSFORMERS & NETWORK PROTECTORS						
CHAIR: George Payerle		gpayerle@roadrunner.com		(330) 908 - 0418		
C57.12.23	IEEE Standard for Submersible Single-Phase Transformers:250 kVA and Smaller; High Voltage 34 500 GrdY/19 920 V and Below; Low Voltage 600 V and Below	....	....	2018		Approved
Individual		.....	.....	12/31/2028		
C57.12.24	IEEE Standard for Submersible, Three-Phase Transformers, 3750 kVA and Smaller: High Voltage, 34 500 GrdY/19 920 Volts and Below; Low Voltage, 600 Volts and Below	Benjamin	Garcia	2016	2/8/2019	Approved + PAR for Revision
Individual		(714) 895-0787		12/31/2026		
PC57.12.24		benjamin.garcia@sce.com			12/31/2023	
C57.12.40	IEEE Standard for Network, Three-Phase Transformers, 2500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 600 V and Below; Subway and Vault Types (Liquid Immersed)	David	Blew	2017	5/21/2019	Approved + PAR for Revision
Individual		(973) 430-7743		12/31/2027		
PC57.12.40		david.blewiv@pseg.com			12/31/2023	
C57.12.44	IEEE Standard Requirements for Secondary Network Protectors	Mark	Faulkner	2014	3/26/2015	Approved + PAR for Revision
Individual		(864) 993-0509		12/31/2024		
PC57.12.44		markafulkner@eaton.com			12/31/2021	
C57.12.57	Requirements for Ventilated Dry-Type Network Transformers 2500 kVA and Below, Three-Phase with High Voltage 34 500 Volts and Below, Low Voltage 216Y/125 and 480Y/125 Volts	....	....	1992		Withdrawn
Individual		.....	.....	12/31/2000		