

IEEE PES Transformers

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Pg 2

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Pg 5

Dielectric Tests
Chair: Dr. Poorvi Patel
Pg 2

Insulation Life
Chair: Sam Sharpless
Pg 5

Distribution Transformers
Chair: Jerry Murphy
Pg 3

Performance Characteristics
Chair: Rogerio Verdolin
Pg 6

Dry Type Transformers
Chair: Casey Ballard
Pg 3

Power Transformers
Chair: Ryan Musgrove
Pg 7

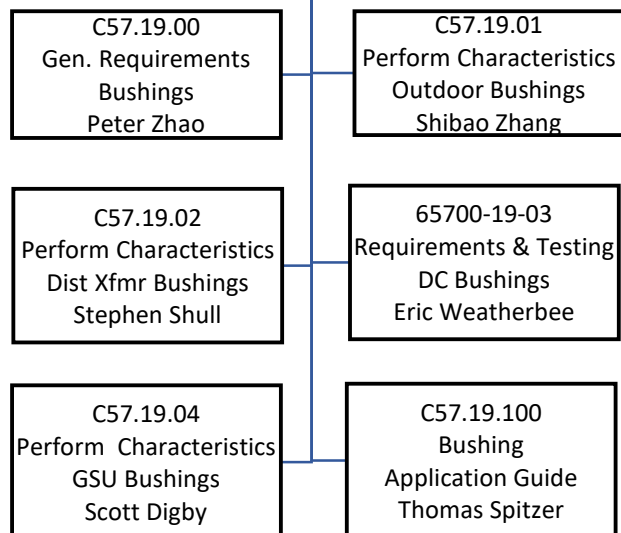
Transformers and Reactors for HVDC
Application
Chair: Ulf Radbrandt
Pg 4

Standards
Chair: Dan Sauer
Pg 8

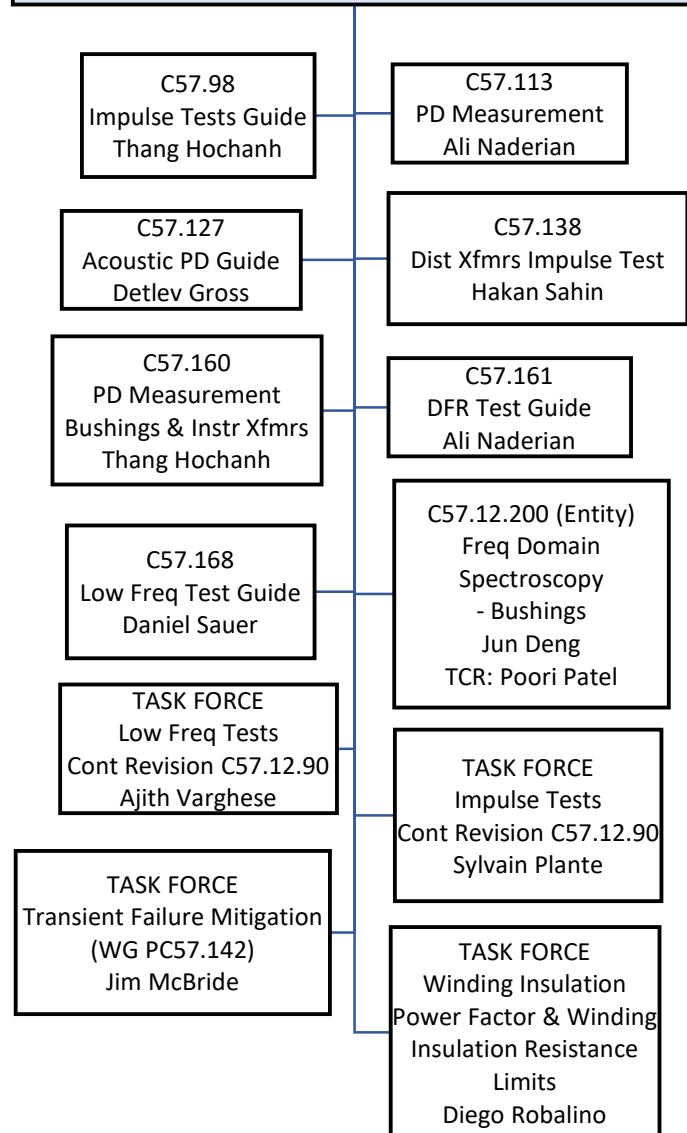
Instrument Transformers
Chair: Thomas Sizemore
Pg 4

Subsurface Transformers
& Network Protectors
Chair: George Payerle
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Bushings Chair - Eric Weatherbee



Dielectric Tests Chair - Dr. Poorvi Patel



Distribution Transformers Chair - Jerry Murphy

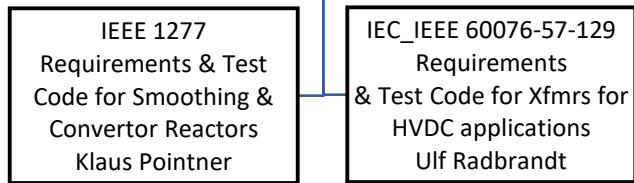
C57.12.20 OH Distribution Xfmrs Alan Traut	C57.12.28,C57.12.29 C57.12.30, C57.12.31 & C57.12.32 Enclosure Integrity Dan Mulkey
C57.12.34 Gen Requirements 3-PH Pad Mount Stephen Shull	C57.12.35 Bar Coding Rhett Chrysler
C57.12.36 Dist Sub Xfmrs Jerry Murphy	C57.12.37 / IEEE 1388 Elec Rpt of Test Data Thomas Callsen
C57.12.38 1-PH Pad Mount Self-cool <2500 KVA Ali Ghafourian	C57.12.39 Dist Tank Pressure Carlos Gaytan
C57.15 Voltage Regulators Dan Sauer	C57.167 Dist Xfmrs Monitoring Guide Gary Hoffman
TASK FORCE Distr Xfmr Efficiency & Loss Phil Hopkinson	PC57.200 (Entity) On-Load Capacity Switching Jinli Wang TCR: Jerry Murphy
TASK FORCE Tank Touch Temperature Bruce Webb	

Dry Type Transformers Chair - Casey Ballard

C57.12.01 Gen Requirements Dry Type Xfmrs Casey Ballard	C57.12.51 Gen Requirements Vented 3-PH > 500 KVA Sanjib Som
C57.12.52 Gen Requirements Sealed > 500 KVA Joseph Tedesco	C57.12.58 Transient Analysis Roger Wicks
C57.12.59 Dry Type Through Fault Current Duration Derrick Foster	C57.12.60 Thermal Eval of Dry Type Xfmrs Roger Wicks
C57.12.91 Test Code Dry Type Xfmrs David Walker	C57.16 Dry Type Air Core Reactors Arturo Del Rio
C57.94 Dry Type Xfmrs OP & Maint Guide Kevin Kline	C57.96 Loading Guide Dry Type Xfmrs Aniruddha Narawane
C57.124 Dry Type PD & Apparent Charge Thomas Prevost	C57.134 Dry Type Xfmrs Hottest Spot Colby Lovins
IEEE 259 Eval - Dry Type Xfmrs Insulation Systems David Stankes	

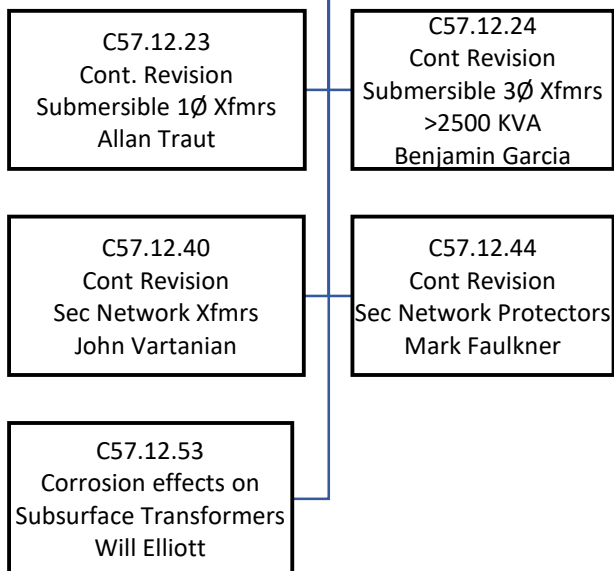
Transformers & Reactors for HVDC Applications

Chair - Ulf Radbrandt



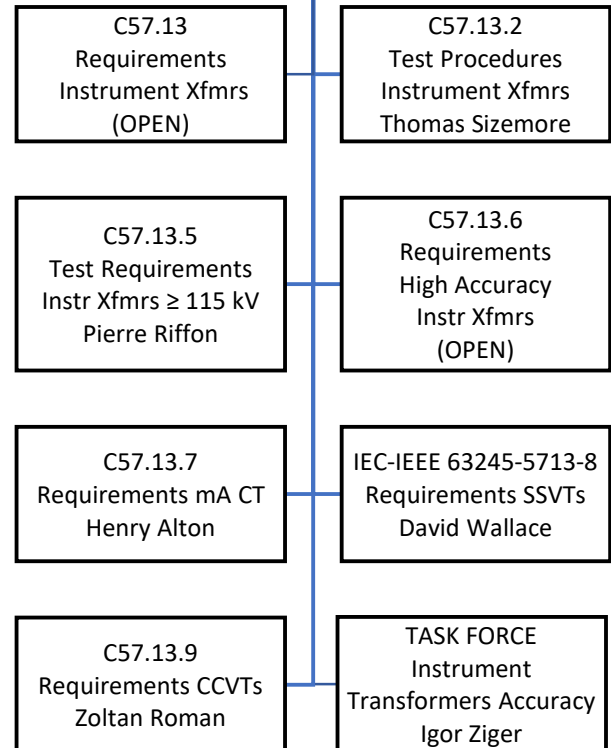
Subsurface Transformers & Network Protectors

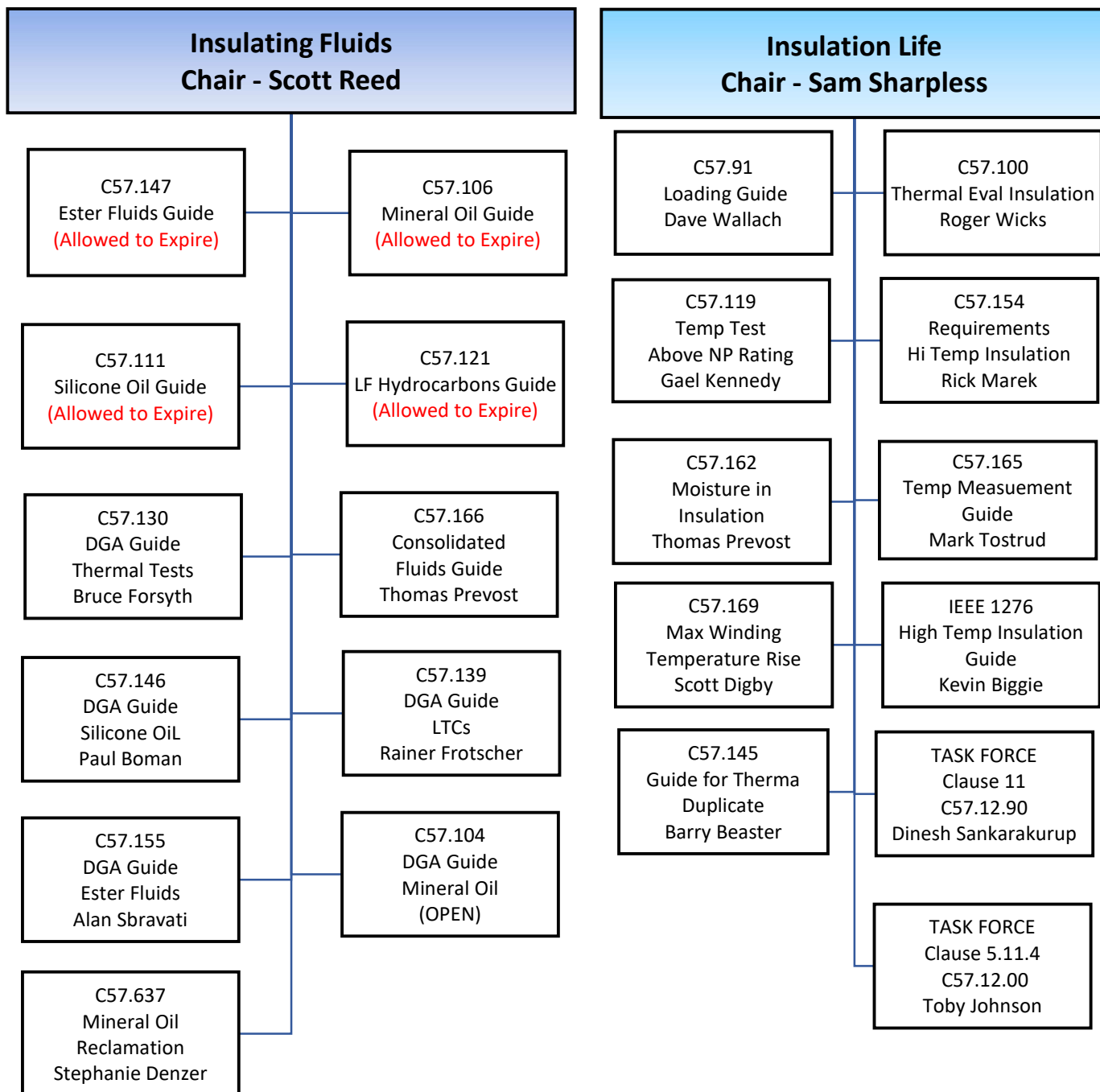
Chair - George Payerle

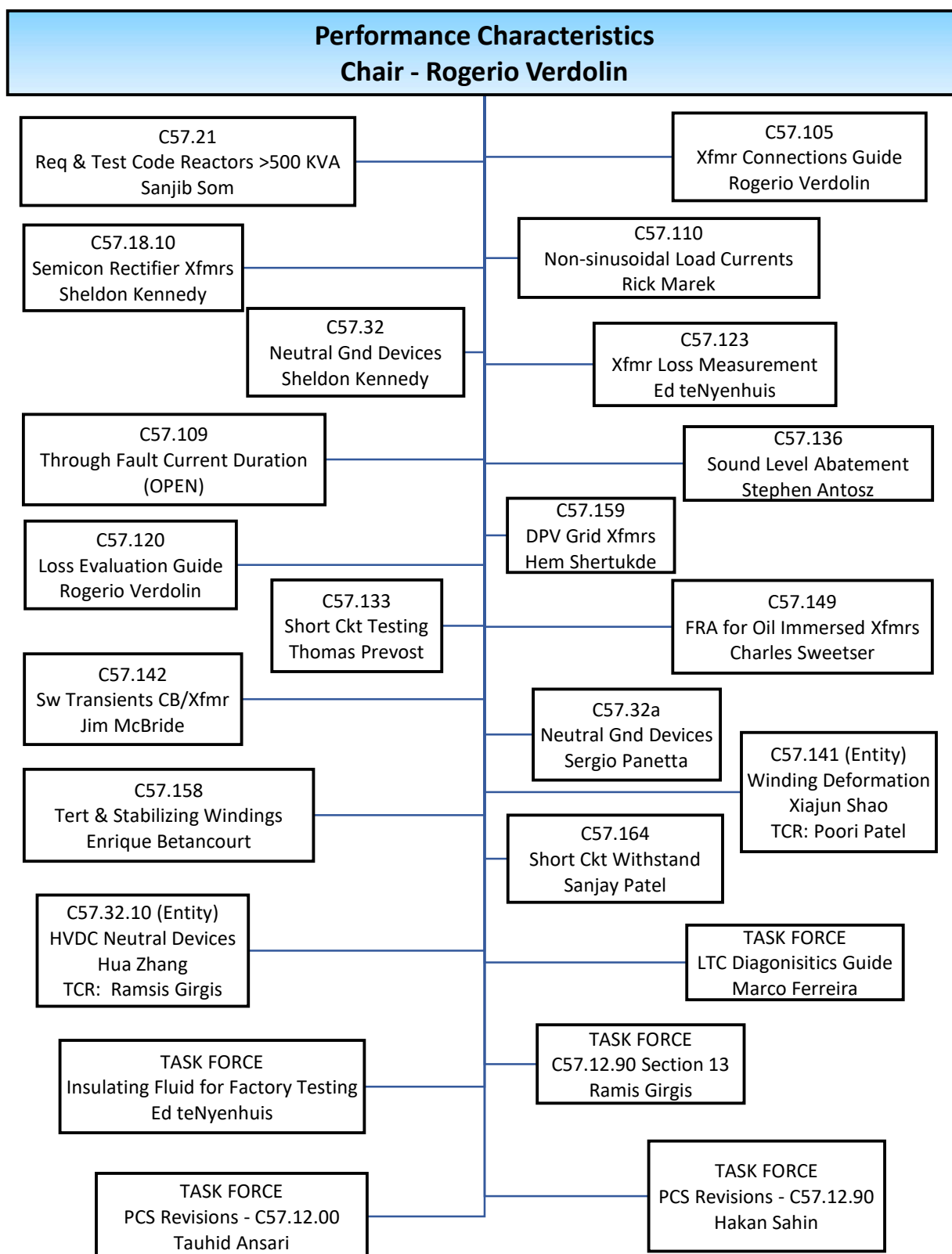


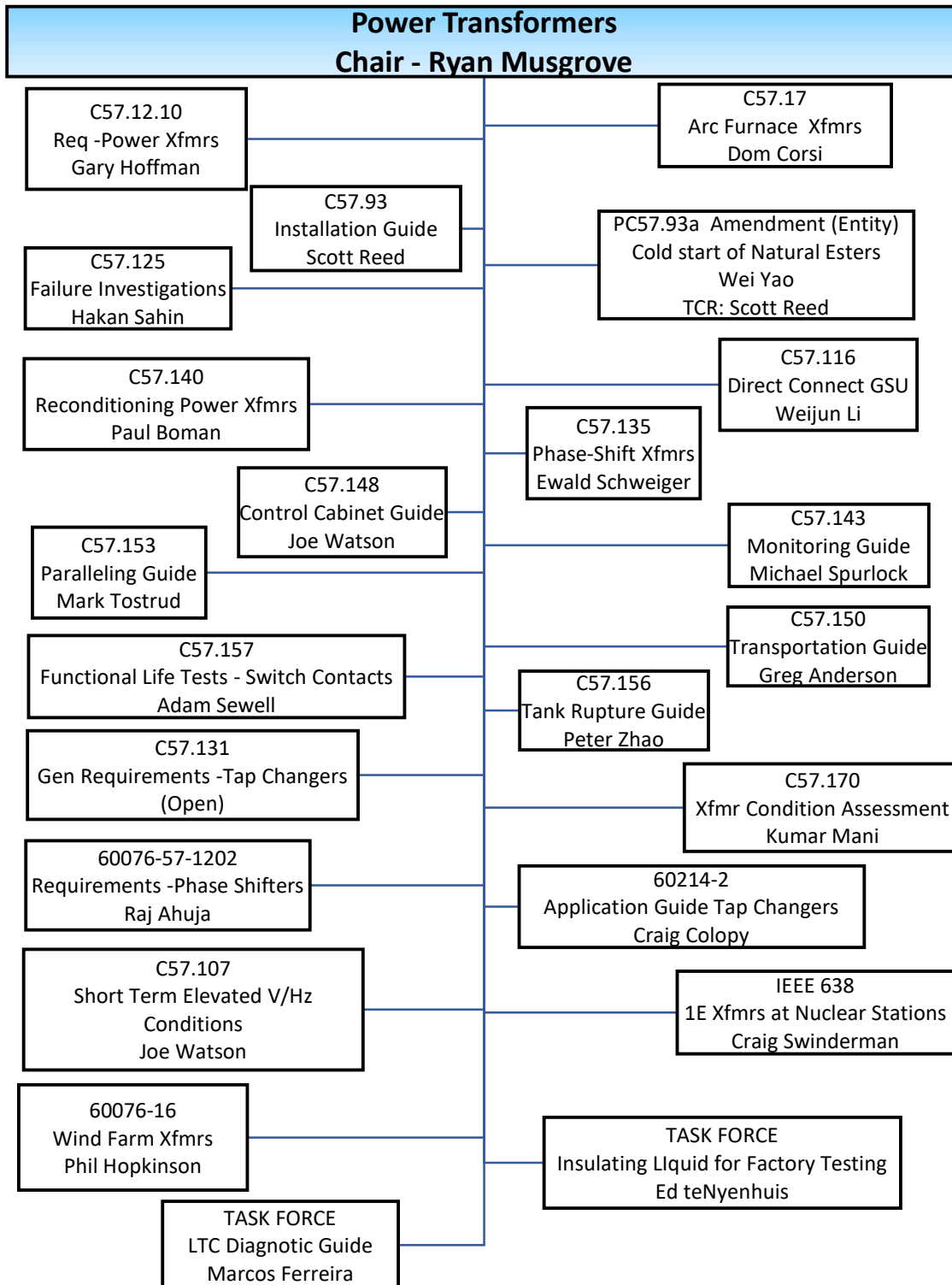
Instrument Transformers

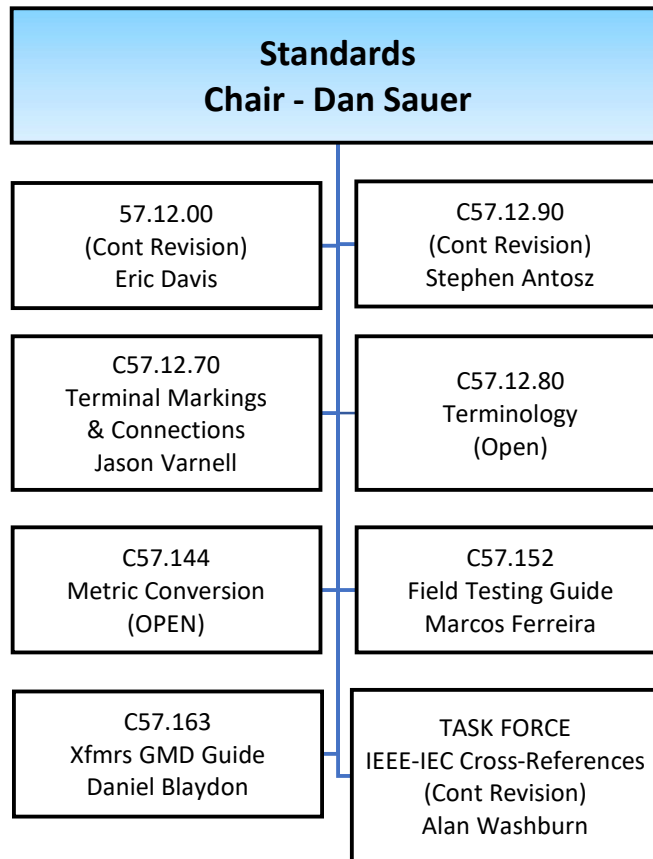
Chair - Thomas Sizemore











IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved 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	Active PAR + 2 PAR Extension On RevCom agenda for the May 15, 2023 meeting
PC57.19.02				12/31/2024	
65700-19-03	IEC/IEEE International Standard -- Bushings for DC application	Eric Weatherbee (585) 768 - 1272 eweatherbee@hubbell.com	2014	9/23/2021	ACTIVE + PAR for Revision
Individual				12/31/2024	
P65700-19-03				12/31/2025	
C57.19.00	IEEE Standard General Requirements and Test Procedure for Power Apparatus Bushings		2023		ACTIVE
Individual				12/31/2033	
C57.19.01	IEEE Standard Performance Characteristics and Dimensions for Outdoor Apparatus Bushings		2017		ACTIVE
Individual				12/31/2027	
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		ACTIVE
Individual				12/31/2028	
C57.19.100	IEEE Guide for Application of Power Apparatus Bushings	Thomas Spitzer (817) 584 - 6567 t.spitzer@sbcglobal.net	2012	5/21/2019	INACTIVE-RESERVED + PAR for Revision
Individual				12/31/2022	
PC57.19.100				12/31/2023	

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone		Rev Due Date	Remark
PROJECT		Email		PAR Expiration	
SubCommittee DIELECTRIC TESTS					
CHAIR: Dr. Poorvi Patel		ppatel@epri.com		(704) 232 - 4551	
Individual PC57.160	Draft 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 12/31/2023	Active PAR + 1 PAR Extension SA BALLOT closed 1/9/2019 with 520 comments to resolve. Currently in comment resolution.
Individual PC57.168	Draft Guide for Low Frequency Dielectric Testing for Distribution, Power and Regulating Transformers	Daniel Sauer (262) 896 - 2417 dmsauer@mtu.edu		6/14/2018 12/31/2023	Active PAR + 1 PAR Extension SA BALLOT closed 2/13/2023 with 287 comments to resolve. Currently in Comment Resolution.
Individual PC57.113	IEEE Guide for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors	Ali Naderian (647) 300 - 8836 ali.naderian@ieee.org	2010 12/31/2020	12/6/2017 12/31/2023	INACTIVE-RESERVED + PAR Revision +1 PAR Extension SA BALLOT: Balloting scheduled to close 3/23/2023.
Entity C57.12.200	IEEE Guide for the Frequency Domain Spectroscopy Measurement of Transformer Bushings		2022 12/31/2032		ACTIVE TCR: Poorvi Patel
Individual 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 12/31/2028		ACTIVE
Individual PC57.138	IEEE Recommended Practice for Routine Impulse Test for Distribution Transformers	Hakan Sahin (208) 220-6963 hakanshaun@gmail.com	2016 12/31/2026	6/16/2022 12/31/2026	ACTIVE + PAR for Revision
Individual C57.161	IEEE Guide for Dielectric Frequency Response Test		2018 12/31/2028		ACTIVE
Individual PC57.98	IEEE Guide for Transformer Impulse Tests	Thang Hochanh (819) 821-3636 thanghochanh@surplec.com	2011 12/31/2021	10/27/2018 12/31/2024	INACTIVE-RESERVED + PAR Revision+ 1PAR Extension

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee DISTRIBUTION TRANSFORMERS					
CHAIR: Jerry Murphy		jerry.murphy@ieee.org		(407) 824 - 4194	
Entity	Draft 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	TCR: Jerry Murphy
C57.12.20	IEEE 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	ACTIVE + PAR for Revision
Individual		(601) 422 - 1198 atraut@ieee.org	12/31/2027	12/31/2023	SA BALLOT closed 2/3/2023 with 48 comments to resolve. Currently in Comment Resolution.
PC57.12.20					
C57.12.28	IEEE Standard for Pad Mounted Equipment - Enclosure Integrity	Daniel Mulkey	2014	3/5/2020	ACTIVE + PAR for Revision
Individual		(707) 776 - 7346 dhmulkey@ieee.org	12/31/2024	12/31/2024	SA BALLOT: Balloting invitation to close 3/10/2023. CO-STD-COM – Switchgear
PC57.12.28					
C57.12.29	IEEE Standard for Pad Mounted Equipment - Enclosure Integrity for Coastal Environments	Daniel Mulkey	2014	3/5/2020	ACTIVE + PAR for Revision
Individual		(707) 776 - 7346 dhmulkey@ieee.org	12/31/2024	12/31/2024	SA BALLOT: Balloting invitation to close 3/10/2023. CO-STD-COM – Switchgear
PC57.12.29					
C57.12.30	IEEE Standard for Pole-Mounted Equipment - Enclosures for Coastal Environment		2020		ACTIVE
Individual			12/31/2030		CO-STD-COM – Switchgear
C57.12.31	IEEE Standard for Pole Mounted Equipment - Enclosure Integrity		2020		ACTIVE
Individual			12/31/2030		CO-STD-COM – Switchgear
C57.12.32	IEEE Standard for Submersible Equipment - Enclosure Integrity		2019		ACTIVE
Individual			12/31/2029		
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	2022	2/15/2023	ACTIVE + PAR for Revision
Individual		(417) 206 - 4047 sshull@ckt.net	12/31/2032	12/31/2027	
PC57.12.34					

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee DISTRIBUTION TRANSFORMERS					
CHAIR: Jerry Murphy		jerry.murphy@ieee.org	(407) 824 - 4194		
C57.12.35	IEEE Standard Bar Coding for Distribution Transformers and Step-Voltage Regulators	Rhett Chrysler	2013	6/13/2019	ACTIVE + PAR for Revision
Individual		(731) 288 - 2831	12/31/2023		
PC57.12.35		rhettchrysler@ieee.org		12/31/2023	
C57.12.36	IEEE Standard Requirements for Liquid-Immersed Distribution Substation Transformers		2017		ACTIVE
Individual			12/31/2027		
C57.12.37	IEEE Standard for the Electronic Reporting of Transformer Test Data		2015		ACTIVE
Individual			12/31/2025		
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	2014	10/28/2017	ACTIVE + PAR for Revision + 1 PAR Extension
Individual		(706) 202 - 7212	12/31/2024		Main Document PAR shown. Corrigenda PAR is currently active until 2024. Corrigenda PAR will be allowed to expire. SA BALLOT: Balloting scheduled to close 3/8/2023.
PC57.12.38		asghar.ghafourian@gmail.com		12/31/2023	
C57.12.39	IEEE Standard for Requirements for Distribution Transformer Tank Pressure Coordination		2017		ACTIVE
Individual			12/31/2027		
C57.15	IEEE Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators		2017		ACTIVE
Individual			12/31/2027		
C57.167	IEEE Guide for Monitoring Distribution Transformers		2023		ACTIVE
Individual			12/31/2033		

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee DRY TYPE TRANSFORMERS					
CHAIR:	Casey	Ballard			
		robert.c.ballard@ieee.org		(804) 292 - 5207	
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	INACTIVE-RESERVED+ 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	Casey Ballard (804) 292 - 5207 robert.c.ballard@ieee.org	2020 12/31/2030	2/23/2022 12/31/2026	ACTIVE + PAR for Revision This standard is under continuous revision.
Individual					
PC57.12.01					
C57.12.51	IEEE Guide for Mechanical Interchangeability of Ventilated Dry-Type Transformers		2019 12/31/2029		ACTIVE
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	INACTIVE-RESERVED + PAR for Revision (Scope Changed and Approved 2/23/2022) SA BALLOT closed 9/10/2022 with 76 comments to resolve. Currently in Comment Resolution.
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		ACTIVE
Individual					
C57.12.59	IEEE Guide for Dry-Type Transformer Through-Fault Current Duration	Derek Foster (815) 529 - 1907 drfoster@ieee.org	2015 12/31/2025	6/6/2022 12/31/2026	ACTIVE + PAR for Revision
Individual					
PC59.12.59					
C57.12.60	IEEE Standard for Thermal Evaluation of Insulation Systems for Dry-Type Power and Distribution Transformers		2020 12/31/2030		ACTIVE
Individual					
C57.12.91	IEEE Standard Test Code for Dry-Type Distribution and Power Transformers	David Walker (520) 484 - 5338 djwalker1260@gmail.com	2020 12/31/2030	2/23/2022 12/31/2026	ACTIVE + PAR for Revision This standard is under continuous revision.
Individual					
PC57.12.91					

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee DRY TYPE TRANSFORMERS					
CHAIR: Casey Ballard		robert.c.ballard@ieee.org	(804) 292 - 5207		
C57.124	IEEE Recommended Practice for the Detection of Partial Discharge and the Measurement of Apparent Charge in Dry-Type Transformers	Thomas Prevost (802) 751 - 3458 tprevost@ieee.org	1991 12/31/2019	6/15/2017 12/31/2023	INACTIVE-RESERVED +PAR for Revision+1PAR extension 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.
Individual					
PC57.124					
C57.134	IEEE Guide for Determination of Hottest Spot Temperature in Dry Type Transformers	Colby Lovins colby.lovins@ieee.org	2013 12/31/2023	5/21/2021 12/31/2025	ACTIVE + PAR for Revision SA BALLOT closed 11/2/2022 with 50 comments to resolve. Currently in Comment Resolution.
Individual					
PC57.134					
C57.16	IEEE Standard Requirements, Terminology, and Test Code for Dry-Type Air- Core Series- Connected Reactors	J. Arturo Del Rio (919) 449 - 5675 a.delrio@ieee.org	2011 12/31/2021	2/5/2016 12/31/2024	INACTIVE-RESERVED +PAR for Revision+2PAR extension
Individual					
PC57.16					
C57.94	IEEE Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type Distribution and Power Transformers	Kevin Kline ken00klein@gmail.com	2015 12/31/2025	2/23/2022 12/31/2026	ACTIVE + PAR for Revision
Individual					
PC57.94					
C57.96	IEEE Guide for Loading Dry-Type Distribution and Power Transformers	Aniruddha Narawane (804) 229 - 5956 aniraj200@yahoo.com	2013 12/31/2023	2/10/2021 12/31/2025	ACTIVE + PAR for Revision
Individual					
PC57.96					

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD	Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE	Phone	Rev Due Date	PAR Expiration	Remark
PROJECT	Email			
SubCommittee HVDC CONVERTER TRANSFORMERS AND SMOOTHING REACTORS				
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	ACTIVE	
Individual		12/31/2030		
60076-57-129	IEC/IEEE International Standard - Power transformers--Part 57-129: Transformers for HVDC applications	2017	ACTIVE	
Individual		12/31/2027		

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone		Rev Due Date	Remark
PROJECT		Email		PAR Expiration	
SubCommittee INSTRUMENT TRANSFORMERS					
CHAIR: Thomas Sizemore		thomas.sizemore.us@ieee.org		(252) 827 - 3235	
Individual P63253-5713-8	Draft Standard Requirements for Station Service Voltage Transformers	David Wallace (662) 325 - 2009 daweleceng@aol.com		3/21/2019 12/31/2023	Active PAR SA BALLOT closed 12/9/2022 with 163 comments to resolve. Currently in Comment Resolution.
Entity PC57.13.10	Draft Guide for Calibration of Energized Current Transformers for 34.5 kV and Below	Yunguo Yang 77766711@qq.com		3/22/2022 12/31/2026	Active PAR TCR: Thomas Sizemore
Individual PC57.13.9	Draft Standard for Power-Line Carrier Coupling Capacitors and Coupling Capacitor Voltage Transformers	Zoltan Roman (706) 360 - 4964 zoltan.roman@ge.com		3/23/2017 12/31/2023	Active PAR + 1 PAR Extension SA BALLOT closed 10/21/2022 with 662 comments to resolve. Currently in Comment Resolution. CO-STD-COM – PSCC
C57.13 Individual PC57.13	IEEE Standard Requirements for Instrument Transformers	David Wallace (662) 325 - 2009 daweleceng@aol.com	2016 12/31/2026	3/24/2022 12/31/2026	ACTIVE + PAR for Revision
C57.13 Individual PC57.13-2016CO	IEEE Standard Requirements for Instrument Transformers	David Wallace (662) 325 - 2009 daweleceng@aol.com	2016 12/31/2026	3/21/2019 12/31/2023	ACTIVE + PAR for Corrigenda
C57.13.2 Individual PC13.2	IEEE Conformance Test Procedure for Instrument Transformers	Thomas Sizemore (252) 827 - 3235 thomas.sizemore.us@ieee.org	2005 12/31/2020	12/6/2017 12/31/2023	INACTIVE-RESERVED+PAR for Revision+1 PAR extension SA BALLOT closed 11/13/2022 with 50 comments to resolve. Currently in Comment Resolution.
C57.13.5 Individual	IEEE Standard of Performance and Test Requirements for Instrument Transformers of a Nominal System Voltage of 115 kV and Above		2019 12/31/2029		ACTIVE
C57.13.6 Individual	IEEE Standard for High Accuracy Instrument Transformers		2005 12/31/2020		INACTIVE-RESERVED

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD	Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE	Phone	Rev Due Date	PAR Expiration	Remark
PROJECT	Email			
SubCommittee INSTRUMENT TRANSFORMERS				
CHAIR:	Thomas Sizemore	thomas.sizemore.us@ieee.org	(252) 827 - 3235	
C57.13.7	IEEE Standard for Current Transformers with Maximum Milliampere Secondary Current of 250 mA	2018		ACTIVE
Individual		12/31/2028		

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved 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	Draft Guide for Acceptance and Maintenance of Insulating Liquids in Transformers and Related Equipment	Thomas Prevost (802) 751 - 3458 tprevost@ieee.org		3/8/2018	Active PAR + 1 PAR extension
PC57.166				12/31/2024	This Standard will combine C57.106, C57.111, C57.121 and C57.147 plus added content.
C57.104	IEEE Guide for the Interpretation of Gases Generated in Mineral Oil-Immersed Transformers		2019		ACTIVE
Individual			12/31/2029		
C57.106	IEEE Guide for Acceptance and Maintenance of Mineral Insulating Oil in Electrical Equipment		2015		ACTIVE
Individual			12/31/2025		This will be contained in the new C57.166 standard.
C57.111	IEEE Guide for Acceptance of Silicone Insulating Fluid and Its Maintenance in Transformers		1989		INACTIVE-RESERVED
Individual			3/19/2019		This will be contained in the new C57.166 standard.
C57.121	IEEE Guide for Acceptance and Maintenance of Less-Flammable Hydrocarbon Fluid in Transformers		1998		INACTIVE-RESERVED
Individual			12/9/2019		This will be contained in the new C57.166 standard.
C57.130	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	Bruce Forsyth (405) 473 - 8300 bruce.forsyth@ieee.org	2015	3/24/2022	ACTIVE - PAR for Revision
Individual			12/31/2025		
PC57.130				12/31/2026	
C57.139	IEEE Guide for Dissolved Gas Analysis in Transformer Load Tap Changers	Rainer Frotscher r.frotscher@reinhausen.com	2015	3/24/2022	ACTIVE - PAR for Revision
Individual			12/31/2025		
PC57.139				12/31/2026	
C57.146	IEEE Guide for Interpretation of Gasses Generated in Silicone-Immersed Transformers	Paul Boman (785) 256 - 7161 paul_boman@hsb.com	2005	3/5/2020	INACTIVE-RESERVED + PAR for Revision
Individual			12/31/2021		
PC57.146				12/31/2024	
C57.147	IEEE Guide for Acceptance and Maintenance of Natural Insulating Liquid in Transformers		2018		ACTIVE
Individual			12/31/2028		This will be contained in the new C57.166 standard.

IEEE/PES TRANSFORMERS COMMITTEE

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BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee INSULATING FLUIDS					
CHAIR:	Scott Reed	sreed@mvadiagnostics.com		(330) 498 - 6259	
C57.155	IEEE Guide for Interpretation of Gases Generated in Natural Ester and Synthetic Ester-Immersed Transformers	Alan Sbravati	2014	9/23/2021	ACTIVE + PAR for Revision
Individual		(612) 413 - 4599	12/31/2024		
PC57.155		alan_sbravati@cargill.com		12/31/2025	
C57.637	IEEE Guide for the Reclamation of Mineral Insulating Oil and Criteria for Its Use	Stephanie Denzer	2015	9/23/2021	ACTIVE + PAR for Revision
Individual		(330) 581 - 4103	12/31/2025		
PC57.637		stephaniedenzer@alliantenerg		12/31/2025	

IEEE/PES TRANSFORMERS COMMITTEE

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STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee INSULATION LIFE					
CHAIR: Samuel Sharpless		slsharpless@rimkus.com	(407) 661 - 1245		
Individual PC57.162	Draft Guide for the Interpretation of Moisture Related Parameters in Liquid Immersed Transformers and Reactors	Thomas Prevost (802) 751 - 3458 tprevost@ieee.org		8/23/2013 12/31/2023	Active PAR + 3 PAR Extensions This will not get another extension without significant extenuating circumstances. SA BALLOT closed 10/21/22 with 808 comments to resolve. Currently in Comment Resolution.
Individual PC57.165	Draft Guide for Temperature Measurements for Liquid Immersed Transformers and Reactors	Mark Tostrud (262) 746 - 1230 mark.tostrud@dynamicratings.		2/17/2017 12/31/2023	Active PAR + 1 PAR Extension SA BALLOT: Balloting invitation to close 3/2/2023.
1276 Individual P1276a	IEEE Guide for the Application of High-Temperature Insulation Materials in Liquid-Immersed Distribution, Power, and Regulating Transformers	Kevin Biggie kevin.biggie@weidmann-group	2020 12/31/2030	3/23/2022 12/31/2026	ACTIVE + PAR for Amendment Amendment: Update to Annex B and corresponding reference in Annex D.
1538 Individual	IEEE Guide for Determination of Maximum Winding Temperature Rise in Liquid Filled Transformer		2000 12/31/2021		INACTIVE-RESERVED Please note that this document will be allowed to go inactive as it is being replaced by C57.169.
1538a Individual	IEEE Guide for Determination of Maximum Winding-Temperature Rise in Liquid Immersed Transformers -- Amendment 1		2015 12/31/2021		INACTIVE-RESERVED Please note that this document will be allowed to go inactive as it is being replaced by C57.169.
C57.100 Individual	IEEE Standard Test Procedure for Thermal Evaluation of Liquid-Immersed Distribution and Power Transformers		2022 12/31/2032		ACTIVE
C57.119 Individual	IEEE Recommended Practice for Performing Temperature Rise Tests on Liquid Immersed Power Transformers at Loads Beyond Nameplate Ratings		2018 12/31/2028		ACTIVE
C57.154 Individual	IEEE Guide for Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid--Immersed Transformers		2022 12/31/2032		ACTIVE

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee INSULATION LIFE					
CHAIR: Samuel Sharpless		slsharpless@rimkus.com		(407) 661 - 1245	
C57.169	IEEE Guide for Determination of Maximum Winding Temperature Rise in Liquid-Immersed Transformers		2023		ACTIVE
Individual			12/31/2033		
C57.91	IEEE Guide for Loading Mineral-Oil-Immersed Transformers and Step-Voltage Regulators	David Wallach	2011	9/28/2017	INACTIVE-RESERVED + PAR for Revision
Individual		(980) 373 - 4167	12/31/2021		
PC57.91		david.wallach@duke-energy.c		12/31/2023	

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone		Rev Due Date	Remark
PROJECT		Email		PAR Expiration	
SubCommittee PERFORMANCE CHARACTERISTICS					
CHAIR: Rogério Verdolin		roger.verdolin@ieee.org	(403) 850 - 4304		
Entity	Draft Guide for the Selection of Neutral-Grounding Devices for High Voltage Direct Current (HVDC) Converter Transformers	Zhang Hua		10/30/2018	Active PAR
C57.32.10		zhanghua002@163.com		12/31/2024	TCR: Rogério Verdolin
Entity	Draft Guide for Detection, Monitoring, and Evaluation of Winding Deformation in Liquid-Immersed Power Transformers	Xianjun Shao		9/23/2021	Active PAR
PC57.141		shaioxianjun0575@163.com		12/31/2025	TCR: Poori Patel
C57.105	IEEE Guide for Application of Transformer Connections in Three-Phase Distribution Systems	Rogério Verdolin	2019	12/3/2020	ACTIVE + PAR for Corrigenda
Individual		(403) 850 - 4304	12/31/2029		Corrigenda to update Table 1 of the current standard. SA
PC57.105/Cor 1		roger.verdolin@ieee.org		12/31/2024	BALLOT: Balloting scheduled to close 3/15/2023.
C57.109	IEEE Guide for Liquid-Immersed Transformers Through-Fault-Current Duration		2018		ACTIVE
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		ACTIVE
Individual			12/31/2028		
C57.120	IEEE Guide for Loss Evaluation of Distribution and Power Transformers and Reactors		2017		ACTIVE
Individual			12/31/2027		
C57.123	IEEE Guide for Transformer Loss Measurement		2019		ACTIVE
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	Stephen Antosz	2000	2/10/2021	INACTIVE-RESERVED + PAR for Revision
Individual		(412) 498 - 3916	12/31/2018		SA BALLOT: Balloting - First Recirculation - scheduled to close 3/9/2023
PC57.136		santosz@ieee.org		12/31/2025	

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved 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		
C57.142	IEEE Guide To Describe The Occurrence And Mitigation Of Switching Transients Induced By Transformer-Breaker Interaction	Jim McBride	2010	3/23/2017	INACTIVE-RESERVED+PAR Revision+1 PAR Extension
Individual		(770) 460-6626	12/31/2020		SA BALLOT closed 4/27/22 with 305 comments to resolve. Currently in Comment Resolution. CO-STD-COM – Switchgear
PC57.142		jim@jmxhv.com		12/31/2023	
C57.149	IEEE Guide for the Application and Interpretation of Frequency Response Analysis for Oil Immersed Transformers	Charles Sweetser	2012	6/14/2018	INACTIVE-RESERVED+PAR Revision+1 PAR Extension
Individual		(617) 901 - 6180	12/31/2022		SA BALLOT: Balloting invitation to close 3/16/2023.
PC57.149		charles.sweetser@omiconene		12/31/2024	
C57.158	IEEE Guide for the Application of Tertiary and Stabilizing Windings in Power Transformers		2017		ACTIVE
Individual			12/31/2027		
C57.159	IEEE Guide on Transformers for Application in Distributed Photovoltaic (DPV) Power Generation Systems		2016		ACTIVE
Individual			12/31/2026		
C57.164	IEEE Guide for Establishing Short Circuit Withstand Capabilities of Liquid Immersed Power Transformers, Regulators, and Reactors		2021		Active
Individual			12/31/2031		
C57.18.10	IEEE Standard Practices and Requirements for Semiconductor Power Rectifier Transformers		2021		ACTIVE
Individual			12/31/2031		
C57.21	IEEE Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA		2021		ACTIVE
Individual			12/31/2031		
C57.32	IEEE Standard Requirements, Terminology, and Testing Procedures for Neutral Grounding Devices	Sheldon Kennedy	2015	2/15/2023	ACTIVE + PAR for Revision
Individual		(716) 896 - 6500	12/31/2025		
PC57.32		skennedy@niagaratransformer		12/31/2027	

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD	Working Group Chair	Approved 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	
C57.32a	IEEE Standard for Requirements, Terminology, and Test Procedure for Neutral Grounding Devices--Amendment 1: Neutral Grounding Resistors Clause (AM)	2020		ACTIVE
Individual		12/31/2025		

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee POWER TRANSFORMERS					
CHAIR: Ryan Musgrove		ryan.musgrove@ieee.org	(405) 747 - 7960		
Individual PC57.107	Draft Recommended Practice for Developing Design-Specific Operational Limits for Transformers Connected to Generators or Power Systems Subject to Significant Short-Term Changes in Voltage or Frequency	Joe Watson (561) 371 - 9138 joe_watson@ieee.org		9/23/2021	Active PAR
				12/31/2025	
Individual PC57.170	Draft 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
				12/31/2023	
Entity PC57.93a	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		3/5/2020	Active PAR for Amendment TCR: Scott Reed
				12/31/2024	
60076-16 Individual	IEC/IEEE International Standard - Power transformers - Part 16: Transformers for wind turbine applications		2018		ACTIVE
			12/31/2028		
60076-57-1202 Individual	IEC/IEEE International Standard Power transformers --Part 57-1202: Liquid immersed phase-shifting transformers		2016		ACTIVE
			12/31/2026		
60214-2 Individual	IEEE Draft Standard for Tap-Changers - Part 2: Application Guide		2019		ACTIVE
			12/31/2029		
638 Individual	IEEE Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations		2013		ACTIVE
			12/31/2023		
C57.116 Individual	IEEE Guide for Transformers Directly Connected to Generators		2022		ACTIVE
			12/31/2032		

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee POWER TRANSFORMERS					
CHAIR: Ryan Musgrove		ryan.musgrove@ieee.org	(405) 747 - 7960		
C57.12.10	IEEE Standard Requirements for Liquid-Immersed Power Transformers		2017		ACTIVE
Individual			12/31/2027		
C57.125	IEEE Guide for Failure Investigation, Documentation, Analysis, and Reporting for Power Transformers and Shunt Reactors	Hakan Sahin (208) 220-6963 hakanshaun@gmail.com	2015	5/21/2021	ACTIVE+ PAR for Revision
Individual			12/31/2025	12/31/2025	
PC57.125					
C57.131	IEEE Standard Requirements for Tap Changers	Craig Colopy (262) 896 - 2342 craigacolopy@eaton.com	2012	12/3/2020	INACTIVE-RESERVED + PAR for Revision
Individual			12/31/2022	12/31/2024	
PC57.131					
C57.135	IEEE Guide for the Application, Specification and Testing of Phase- Shifting Transformers	Ewald Schweiger	2011	6/16/2022	INACTIVE-RESERVED + PAR for Revision
Individual			12/31/2021	12/31/2026	
PC57.135					
C57.140	IEEE Guide for Evaluation and Reconditioning of Liquid Immersed Power Transformers		2017		ACTIVE
Individual			12/31/2027		
C57.143	IEEE Guide for Application for Monitoring Equipment to Liquid-Immersed Transformers and Components	Mike Spurlock (614) 933 - 2284 mspurlock@ieee.org	2012	2/17/2017	INACTIVE-RESERVED + PAR for Revision
Individual			12/31/2022	12/31/2023	
PC57.143					
C57.148	IEEE Standard for Control Cabinets for Power Transformers		2020		ACTIVE
Individual			12/31/2030		
C57.150	IEEE Guide for the Transportation of Transformers and Reactors Rated 10 000 kVA or Higher	Gregory Anderson (402) 680 - 1111 gwanderson@ieee.org	2012	3/23/2017	INACTIVE-RESERVED+PAR Revision+1 PAR Extension
Individual			12/31/2022	12/31/2023	
PC57.150					
C57.153	IEEE Guide for Paralleling Power Transformers		2015		ACTIVE
Individual			12/31/2025		

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD	Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE	Phone	Rev Due Date	PAR Expiration	Remark
PROJECT	Email			
SubCommittee POWER TRANSFORMERS				
CHAIR: Ryan Musgrove	ryan.musgrove@ieee.org	(405) 747 - 7960		
C57.156 Individual	IEEE Guide for Tank Rupture Mitigation of Liquid-Immersed Power Transformers and Reactors	2016 12/31/2026	ACTIVE	
C57.157 Individual	IEEE Guide for Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid--Immersed Transformers	2015 12/31/2025	ACTIVE	
C57.17 Individual	IEEE Standard Requirements for Arc Furnace Transformers	2012 12/31/2022	INACTIVE-RESERVED	
C57.93 Individual	IEEE Approved Draft Guide for Installation and Maintenance of Liquid-Immersed Power Transformers	2019 12/31/2029	ACTIVE	

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved 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	Eric Davis	2021	5/13/2022	ACTIVE - PAR for Revision
Individual		(816) 760 - 2627	12/31/2031		This standard is under continuous revision.
PC57.12.00		edavis@burnsmcd.com		12/31/2026	
C57.12.70	IEEE Standard For Standard Terminal Markings and Connections for Distribution and Power Transformers		2020		ACTIVE
Individual			12/31/2030		
C57.12.80	IEEE Standard Terminology for Power and Distribution Transformers	Daniel Sauer	2010	3/23/2017	INACTIVE-RESERVED+PAR for Revision+1 PAR Extension
Individual		(262) 896 - 2417	12/31/2020		
PC57.12.80		dmsauer@mtu.edu		12/31/2023	
C57.12.90	IEEE Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers	Stephen Antosz	2021	5/13/2022	ACTIVE - PAR for Revision
Individual		(412) 498 - 3916	12/31/2031		This standard is under continuous revision
PC57.12.90		santos@ieee.org		12/31/2026	
C57.144	IEEE Guide for Metric Conversion of Transformer Standards		2004		INACTIVE-RESERVED
Individual			12/31/2020		This was to be incorporated into P947 but this project has been withdrawn. This needs to be reviewed in light of QUSCOM (formerly SCC14) documents.
C57.152	IEEE Guide for Diagnostic Field Testing of Fluid-Filled Power Transformers, Regulators, and Reactors	Marcos Ferreira	2013	6/13/2019	ACTIVE + PAR for Revision
Individual		(971) 703 - 0777	12/31/2023		
PC57.152		mdferreira@comcast.net		12/31/2023	
C57.163	IEEE Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances	Daniel Blaydon	2015	3/5/2020	ACTIVE + PAR for Revision
Individual		(410) 470 - 8827	12/31/2025		Corrigenda 1 will be included with this Revision. C57.163-2015-Corrigenda 1 will be allowed to expire. SA BALLOT: Balloting scheduled to close 3/2/2023.
PC57.163		dblaidon@ieee.org		12/31/2024	

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of Transformers Standards

STANDARD		Working Group Chair	Approved Year	PAR Issue Date	Standard Status
BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee SUBSURFACE TRANSFORMERS & NETWORK PROTECTORS					
CHAIR: George Payerle		georgepayerle@gmail.com	(330) 908 - 0418		
Individual	Draft Guide for Mitigating Corrosion on Subsurface Transformers and Network Protectors	William Elliott (318) 286-2868 will.elliott@alumni.lsu.edu		2/23/2022	Active PAR
PC57.12.53				12/31/2026	
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		ACTIVE
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 (714) 895-0787 benjamin.garcia@sce.com	2016	2/8/2019	ACTIVE + PAR for Revision
Individual			12/31/2026		SA BALLOT closed 2/2/23 with 78 comments to resolve. Currently in Comment Resolution.
PC57.12.24				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)	John Varatanian john.vartinian@nationalgrid.co	2017	5/21/2019	ACTIVE + PAR for Revision
Individual			12/31/2027		
PC57.12.40				12/31/2023	
C57.12.44	IEEE Standard Requirements for Secondary Network Protectors	Mark Faulkner (864) 993-0509 markafaulkner@eaton.com	2014	3/26/2015	ACTIVE + PAR for Revision + 2 PAR Extension
Individual			12/31/2024		SA BALLOT closed 10/13/21 with 69 comments to resolve. Currently in Comment Resolution.
PC57.12.44				12/31/2023	
C57.12.57	IEEE 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		INACTIVE-RESERVED
Individual			12/31/2000		THIS STANDARD WILL STAY IN THE "INACTIVE-RESERVED" STATUS AND WILL NOT BE REVISED DUE TO LOW USE OF THIS PRODUCT.