

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 BUSHINGS					
CHAIR: Scott Digby		scott.digby@duke-energy.com	(919) 546 - 5798		
65700-19-03	IEC/IEEE International Standard -- Bushings for DC application	Eric Weatherbee	2014	9/23/2021	ACTIVE + PAR for Revision
Individual		(585) 768 - 1272	12/31/2024		Ready to be moved to the NesCom agenda. Waiting on the IEC ballot to close.
PC65700-19-03		eweatherbee@hubbell.com		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	Shibao Zhang	2017	5/22/2024	ACTIVE + PAR for Revision
Individual		(585) 768-1273	12/31/2027		
PC57.19.01		szhang@hubbell.com		12/31/208	
C57.19.02	Standard for Design and Performance Requirements for Bushings Applied to Liquid Immersed Distribution Transformers		2023		ACTIVE
Individual			12/31/2033		
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	Scott Digby	2018	9/16/2024	ACTIVE + PAR for Revision
Individual		(919) 546 - 5798	12/31/2028		
PC57.19.04		scott.digby@duke-energy.com		12/31/2028	
C57.19.100	IEEE Guide for Application of Power Apparatus Bushings	Thomas Spitzer	2012	5/21/2019	INACTIVE-RESERVED PAR for Revision+1 PAR Extension
Individual		(817) 584 - 6567	12/31/2022		SA BALLOT: Closed on 12/18/2024 with 153 comments to resolve. Currently in comment resolution.
PC57.19.100		t.spitzer@sbcglobal.net		12/31/2025	

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BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee DIELECTRIC TESTS					
CHAIR: Dr. Poorvi Patel		papatel@epri.com	(704) 232 - 4551		
C57.113	IEEE Guide for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors		2023		ACTIVE
Individual			12/31/2033		
C57.12.200	IEEE Guide for the Frequency Domain Spectroscopy Measurement of Transformer Bushings		2022		ACTIVE
Entity			12/31/2032		
C57.127	IEEE Guide for the Detection, Location and Interpretation of Sources of Acoustic Emissions from Electrical Discharges in Power Transformers and Power Reactors	Dellev Gross +49 (241) 98091740 gross@ieee.org	2018	2/15/2024	ACTIVE + PAR for Revision
Individual			12/31/2028	12/31/2028	
PC57.127					
C57.138	IEEE Recommended Practice for Routine Impulse Test for Distribution Transformers	Hakan Sahin (208) 220-6963 hakanshaun@gmail.com	2016	6/16/2022	ACTIVE + PAR for Revision
Individual			12/31/2026	12/31/2026	
PC57.138					
C57.160	Draft Guide for the Electrical Measurement of Partial Discharges in High Voltage Bushings and Instrument Transformers		2023		ACTIVE
Individual			12/31/2033		
C57.161	IEEE Guide for Dielectric Frequency Response Test	Evgenii Ermakav evgenii@ieee.org	2018	5/22/2024	ACTIVE + PAR for Revision
Individual			12/31/2028	12/31/2026	
PC57.161					
C57.168	IEEE Guide for Low Frequency Dielectric Testing for Distribution, Power and Regulating Transformers		2023		ACTIVE
Individual			12/31/2033		
C57.98	IEEE Guide for Transformer Impulse Tests	Thang Hochanh (819) 821-3636 thanghochanh@surplec.com	2011	10/27/2018	INACTIVE-RESERVED + PAR Revision+ 2PAR Extension
Individual			12/31/2021	12/31/2026	SA BALLOT: Currently in ballot. Scheduled to close on 03/23/2025.
PC57.98					

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BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee DISTRIBUTION TRANSFORMERS					
CHAIR:	Jerry	Murphy	jerry.murphy@ieee.org	(407) 824 - 4194	
Individual	Standard Requirements for Pad-Mounted Compartmental-Type Step-Voltage Regulators	Kyle Heiden		2/13/2025	ACTIVE PAR
PCC57.15.01		kylejheiden@eaton.com		12/31/2029	
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		2023		ACTIVE
Individual			12/31/2033		
C57.12.28	IEEE Standard for Pad Mounted Equipment - Enclosure Integrity		2023		ACTIVE
Individual			12/31/2033		
C57.12.29	IEEE Standard for Pad Mounted Equipment - Enclosure Integrity for Coastal Environments		2023		ACTIVE
Individual			12/31/2033		
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	Daniel Mulkey	2019	12/6/2023	ACTIVE + PAR for Revision
Individual		(707) 776 - 7346	12/31/2029		
PC57.12.32		dhmulkey@ieee.org		12/31/2027	
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	12/31/2032		
PC57.12.34		sdshull@ieee.org		12/31/2027	

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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		2024		ACTIVE
Individual			12/31/2034		
C57.12.36	IEEE Standard Requirements for Liquid-Immersed Distribution Substation Transformers	Jerry Murphy	2017	6/29/2023	ACTIVE + PAR for Revision
Individual		(407) 824 - 4194	12/31/2027		SA BALLOT: Currently in ballot. Scheduled to close on 03/26/2025
PC57.12.36		jerry.murphy@ieee.org		12/31/2027	
C57.12.37	IEEE Standard for the Electronic Reporting of Transformer Test Data	Alan Traut	2015	2/15/2024	ACTIVE + PAR for Revision
Individual		(601) 422 - 1198	12/31/2025		
PC57.12.37		atraut@ieee.org		12/31/2028	
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		2025		ACTIVE
Individual			12/31/2035		
PC57.12.38					
C57.12.39	IEEE Standard for Requirements for Distribution Transformer Tank Pressure Coordination	Carlos Gaytan	2017	2/15/2024	ACTIVE + PAR for Revision
Individual		52 818 030 - 2162	12/31/2027		
PC57.12.39		gaytan@ieee.org		12/31/2028	
C57.15	IEEE Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators	Daniel Sauer	2017	2/15/2024	ACTIVE + PAR for Revision
Individual		(262) 896 - 2417	12/31/2027		
PC57.12.39		dmsauer@mtu.edu		12/31/2028	
C57.167	IEEE Guide for Monitoring Distribution Transformers		2023		ACTIVE
Individual			12/31/2033		
C57.210	IEEE Recommended Practice for On-load Capacity Switching Distribution Transformers		2024		ACTIVE
Entity			12/31/2034		ORIGINALLY AN ENTITY STD. THIS NOW HAS THE OPPORTUNITY TO BE CHANGED TO INDIVIDUAL STD

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BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee DRY TYPE TRANSFORMERS					
CHAIR: David Walker		djwalker1260@gmail.com		(520) 484 - 5338	
Individual	Standard for Enclosure Requirements for Dry-type Transformers	Shawn Nunn		2/13/2025	ACTIVE PAR
PC57.12.55		shawn.t.nunn@hitachienergy.com		12/31/2029	
259	IEEE Standard Test Procedure for Evaluation of Systems of Insulation for Dry-Type Specialty and General-Purpose Transformers	David Stankes	1999	12/3/2020	INACTIVE-RESERVED+ PAR for Revision+1PAR extension
Individual		(512) 984 - 5026	12/31/2020		Standard was allowed to expire by the SC. However, when revising IEEE C57.12.60, the need for this standard was recognized.
P259		dsstankes@mmm.com		12/31/2026	
C57.12.01	IEEE Standard for General Requirements for Dry-Type Distribution and Power Transformers	Casey Ballard	2020	2/23/2022	ACTIVE + PAR for Revision
Individual		(804) 292 - 5207	12/31/2030		This standard is under continuous revision.
PC57.12.01		robert.c.ballard@ieee.org		12/31/2026	
C57.12.51	IEEE Guide for Mechanical Interchangeability of Ventilated Dry-Type Transformers		2019		ACTIVE
Individual			12/31/2029		
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		2024		ACTIVE
Individual			12/31/2034		
C57.12.58	IEEE Guide for Conducting a Transient Voltage Analysis of a Dry-Type Transformer Coil	Ken Kline	2017	5/22/2024	ACTIVE + PAR for Revision
Individual			12/31/2027		
PC57.12.58		ken.klein@kearsargepower.com		12/31/2028	
C57.12.59	IEEE Guide for Dry-Type Transformer Through-Fault Current Duration	Paul Weyandt	2015	6/16/2022	ACTIVE + PAR for Revision
Individual			12/31/2025		
PC59.12.59		paul.weyanandt@se.com		12/31/2026	
C57.12.60	IEEE Standard for Thermal Evaluation of Insulation Systems for Dry-Type Power and Distribution Transformers	Roger Wicks	2020	2/13/2025	ACTIVE + PAR for Revision
Individual		(804) 383 - 3300	12/31/2030		This corrigendum is to modify the text in Clause 8.2 of the document to reference correct equation, Equation (4), used to calculate T1.
PC57.12.60/Cor 1		roger.c.wicks@dupont.com		12/31/2029	

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PROJECT		Email			
SubCommittee DRY TYPE TRANSFORMERS					
CHAIR: David Walker		djwalker1260@gmail.com		(520) 484 - 5338	
C57.12.91	IEEE Standard Test Code for Dry-Type Distribution and Power Transformers	David Walker	2020	2/23/2022	ACTIVE + PAR for Revision
Individual		(520) 484 - 5338	12/31/2030		This standard is under continuous revision.
PC57.12.91		djwalker1260@gmail.com		12/31/2026	
C57.124	IEEE Recommended Practice for the Detection of Partial Discharge and the Measurement of Apparent Charge in Dry-Type Transformers	Thomas Prevost	1991	6/15/2017	INACTIVE-RESERVED +PAR for Revision+2PAR Extension
Individual		(802) 751 - 3458	12/31/2019		Invitation to ballot expired with no action. A new invitation will have to be started. For the next revision it has been proposed that C57.113 and this document be combined to reduce the effort.
PC57.124		tprevost@ieee.org		12/31/2025	
C57.134	IEEE Guide for Determination of Hottest Spot Temperature in Dry Type Transformers		2024		ACTIVE
Individual			12/31/2034		
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	INACTIVE-RESERVED +PAR for Revision+2PAR Extension
Individual		(919) 449 - 5675	12/31/2021		SA BALLOT: Closed on 10/18/2024 with 76 comments to resolve. Currently in comment resolution.
PC57.16		a.delrio@ieee.org		12/31/2025	
C57.94	IEEE Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type Distribution and Power Transformers	Ken Kline	2015	2/23/2022	ACTIVE + PAR for Revision
Individual			12/31/2025		SA BALLOT: Closed on 02/25/2025 with 55 comments to resolve. Currently in comment resolution.
PC57.94		ken.klein@kearsargepower.com		12/31/2026	
C57.96	IEEE Guide for Loading Dry-Type Distribution and Power Transformers	Aniruddha Narawane	2013	2/10/2021	INACTIVE RESERVE + PAR for Revision
Individual		(804) 229 - 5956	12/31/2023		SA BALLOT: Closed on 02/24/2025 with 156 comments to resolve. Currently in comment resolution.
PC57.96		aniraj200@yahoo.com		12/31/2025	

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PROJECT		Email		PAR Expiration	
SubCommittee INSTRUMENT TRANSFORMERS					
CHAIR: David Wallace		daweleceng@aol.com		(662) 325 - 2009	
Entity	Draft Guide for Calibration of Energized Current Transformers for 34.5 kV and Below	Yunguo Yang		3/22/2022	Active PAR
PC57.13.10		77766711@qq.com		12/31/2026	TCR: Thomas Sizemore
Individual	Standard Requirements for Low Power Instrument Transformers for 69kV or Higher Nominal System Voltage	Frank Neder		2/13/2025	ACTIVE PAR
PC57.13.11		frankneder@gmail.com		12/31/2029	
Individual	Draft Standard for Power-Line Carrier Coupling Capacitors and Coupling Capacitor Voltage Transformers	Zoltan Roman		3/23/2017	Active PAR + 2 PAR Extension
PC57.13.9		(706) 360 - 4964 zoltan.roman@ge.com		12/31/2025	SA BALLOT: Closed 10/21/2022 with 662 comments to resolve. Currently in Comment Resolution. Chair to submit a PAR extension as per email 10/11/2024. CO-STD-COM – PSCC
C57.13	IEEE Standard Requirements for Instrument Transformers	David Wallace	2016	3/24/2022	ACTIVE + PAR for Revision
Individual		(662) 325 - 2009 daweleceng@aol.com	12/31/2026	12/31/2026	
C57.13.2	IEEE Conformance Test Procedure for Instrument Transformers		2005		INACTIVE-RESERVED
Individual			12/31/2020		To be combined into C57.13 and no longer maintained.
C57.13.5	IEEE Standard of Performance and Test Requirements for Instrument Transformers of a Nominal System Voltage of 115 kV and Above		2019		ACTIVE
Individual			12/31/2029		To be combined into C57.13 and no longer maintained.
C57.13.6	IEEE Standard for High Accuracy Instrument Transformers		2005		INACTIVE-RESERVED
Individual			12/31/2020		To be combined into C57.13 and no longer maintained.
C57.13.7	IEEE Standard for Current Transformers with Maximum Milliampere Secondary Current of 250 mA		2018		ACTIVE
Individual			12/31/2028		

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BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee INSTRUMENT TRANSFORMERS					
CHAIR: David Wallace		daweleceng@aol.com		(662) 325 - 2009	
P63253-5713-8	IEC/IEEE Standard Requirements for Station Service Voltage Transformers	David Wallace	2024		ACTIVE
Individual		(662) 325 - 2009	12/31/2034		PAR Request submitted to Subcommittee
P63253-5713-8/Co		daweleceng@aol.com			

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STANDARD BALLOT TYPE PROJECT		Working Group Chair Phone Email	Approved Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark
SubCommittee INSULATING FLUIDS					
CHAIR: Stephaney Mabrey		stephanie.mabrey@avodiagnostics.com (214) 502 - 2969			
Individual PC57.166	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 12/31/2026	Active PAR + 2 PAR Extension This Standard will combine C57.106, C57.111, C57.121 and C57.147 plus added content. SA BALLOT: Closed 3/30/2024 with 352 comments to resolve.
C57.104 Individual PC57.104	IEEE Guide for the Interpretation of Gases Generated in Mineral Oil-Immersed Transformers	Ed teNyenhuis (416) 270 - 9026 edt@ieee.org	2019 12/31/2029	5/22/2024 12/31/2028	ACTIVE + PAR for Revision
C57.106 Individual	IEEE Guide for Acceptance and Maintenance of Mineral Insulating Oil in Electrical Equipment		2015 12/31/2025		ACTIVE This will be contained in the new C57.166 standard.
C57.111 Individual	IEEE Guide for Acceptance of Silicone Insulating Fluid and Its Maintenance in Transformers		1989 3/19/2019		INACTIVE-RESERVED This will be contained in the new C57.166 standard.
C57.121 Individual	IEEE Guide for Acceptance and Maintenance of Less-Flammable Hydrocarbon Fluid in Transformers		1998 12/9/2019		INACTIVE-RESERVED This will be contained in the new C57.166 standard.
C57.130 Individual PC57.130	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 12/31/2025	3/24/2022 12/31/2026	ACTIVE - PAR for Revision
C57.139 Individual PC57.139	IEEE Guide for Dissolved Gas Analysis in Transformer Load Tap Changers	Rainer Frotscher r.frotscher@reinhausen.com	2015 12/31/2025	3/24/2022 12/31/2026	ACTIVE - PAR for Revision
C57.146 Individual PC57.146	IEEE Guide for Interpretation of Gasses Generated in Silicone-Immersed Transformers	Paul Boman (785) 256 - 7161 paul_boman@hsb.com	2005 12/31/2021	3/5/2020 12/31/2026	INACTIVE-RESERVED +PAR for Revision+1PAR extension SA BALLOT: Currently in ballot. Scheduled to close on 04/12/2025

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BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee INSULATING FLUIDS					
CHAIR: Stephaney Mabrey		stephanie.mabrey@avodiagnostics.com (214) 502 - 2969			
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.
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 Mabrey	2015	9/23/2021	ACTIVE + PAR for Revision
Individual		(214) 502 - 2969	12/31/2025		
PC57.637		stephaniemabrey@avodiagnostics.com		12/31/2025	

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BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee INSULATION LIFE					
CHAIR: Samuel Sharpless		slsharpless@rimkus.com		(407) 661 - 1245	
Individual	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	Active PAR + 5 PAR Extensions
PC57.162				12/31/2025	SA BALLOT: Closed on 12/27/2024 with 7 comments to resolve. Currently in comment resolution
1276	IEEE Guide for the Application of High-Temperature Insulation Materials in Liquid-Immersed Distribution, Power, and Regulating Transformers	Kevin Biggie kevin.biggie@weidmann-group.com	2020	3/23/2022	ACTIVE + PAR for Amendment
Individual			12/31/2030		Amendment: Update to Annex B and corresponding reference in Annex D.
P1276a				12/31/2026	Invitation to BALLOT: Closed on 02/28/2025
1538	IEEE Guide for Determination of Maximum Winding Temperature Rise in Liquid Filled Transformer		2000		INACTIVE-RESERVED
Individual			12/31/2021		Please note that this document will be allowed to go inactive as it is being replaced by C57.169.
1538a	IEEE Guide for Determination of Maximum Winding-Temperature Rise in Liquid Immersed Transformers -- Amendment 1		2015		INACTIVE-RESERVED
Individual			12/31/2021		Please note that this document will be allowed to go inactive as it is being replaced by C57.169.
C57.100	IEEE Standard Test Procedure for Thermal Evaluation of Liquid-Immersed Distribution and Power Transformers		2022		ACTIVE
Individual			12/31/2032		
C57.119	IEEE Recommended Practice for Performing Temperature Rise Tests on Liquid Immersed Power Transformers at Loads Beyond Nameplate Ratings		2018		ACTIVE
Individual			12/31/2028		
C57.154	IEEE Standard for Liquid-Immersed Transformers Designed to Operate at Temperatures Above Conventional Limits Using High-Temperature Insulation Systems		2022		ACTIVE
Individual			12/31/2032		
C57.165	IEEE Guide for Temperature Measurements for Liquid Immersed Transformers and Reactors		2024		ACTIVE
Individual			12/31/2034		

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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+1 PAR Extension
Individual		(980) 373 - 4167	12/31/2021		SA BALLOT: Closed on 02/15/2024 with 448 comments to resolve. Currently in comment resolution.
PC57.91		david.wallach@duke-energy.com		12/31/2025	

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PROJECT		Email			
SubCommittee PERFORMANCE CHARACTERISTICS					
CHAIR: Sanjib Som		ssom@patransformer.com	(724) 705-3050		
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		shaoxianjun0575@163.com		12/31/2025	TCR: Poori Patel
Individual	Draft Guide for the Evaluation of the Environmental Impact and Life Cycle Assessment of Transformers and Shunt Reactors	Jerzy Kazmierczak		9/26/2024	Active PAR
PC57.151		jerzy.kazmierczak@hitachienergy.com		12/31/2028	
60076-16	IEC/IEEE International Standard - Power transformers - Part 16: Transformers for wind turbine applications		2018		ACTIVE
Individual			12/31/2028		
C57.105	IEEE Guide for Application of Transformer Connections in Three-Phase Distribution Systems		2019		ACTIVE
Individual			12/31/2029		
C57.105/COR 1	IEEE Guide for Application of Transformer Connections in Three-Phase Electrical Systems - 2019 STD Corrigendum 1 Update Table 1—Application characteristics of connections		2023		ACTIVE
Individual			12/31/2033		
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		

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BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee PERFORMANCE CHARACTERISTICS					
CHAIR: Sanjib Som		ssom@patransformer.com	(724) 705-3050		
C57.136	IEEE Guide for Sound Level Abatement and Determination for Liquid- Immersed Power Transformers and Shunt Reactors Rated Over 500 kVA		2023		ACTIVE
Individual			12/31/2033		
C57.142	IEEE 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	INACTIVE-RESERVED+PAR Revision+2 PAR Extensions
Individual			12/31/2020		SA BALLOT: Closed on 4/27/22 with 305 comments to resolve. Currently in Comment Resolution.
PC57.142				12/31/2025	CO-STD-COM – Switchgear
C57.149	IEEE Guide for the Application and Interpretation of Frequency Response Analysis for Oil Immersed Transformers		2024		ACTIVE
Individual			12/31/2034		
C57.158	IEEE Guide for the Application of Tertiary and Stabilizing Windings in Power Transformers	Enrique Betancourt 52 818 030 - 2135 ebetanco@ieee.org	2017	6/29/2023	ACTIVE + PAR for Revision
Individual			12/31/2027		
PC57.158				12/31/2027	
C57.159	IEEE Guide on Transformers for Application in Distributed Photovoltaic (DPV) Power Generation Systems	Hemchandra Shertukde (860) 768 - 4847 shertukde@hartford.edu	2016	2/15/2024	ACTIVE + PAR for Revision
Individual			12/31/2026		
PC57.159				12/31/2028	
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		

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BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee PERFORMANCE CHARACTERISTICS					
CHAIR:	Sanjib	Som	ssom@patransformer.com	(724) 705-3050	
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.com	12/31/2027		
C57.32.10	IEEE Guide for the Selection of Neutral-Grounding Devices for High Voltage Direct Current (HVDC) Converter Transformers		2025		ACTIVE
Entity			12/31/2035		ORIGINALLY AN ENTITY STD. THIS NOW HAS THE OPPORTUNITY TO BE CHANGED TO INDIVIDUAL STD.
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		TO BE INCLUDED IN THE NEW REVISION OF C57.32.

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BALLOT TYPE		Phone		Rev Due Date	Remark
PROJECT		Email		PAR Expiration	
SubCommittee POWER TRANSFORMERS					
CHAIR: Ryan Musgrove		ryan.musgrove@ieee.org		(405) 747 - 7960	
Entity	Draft Guide for Digital Twin Modeling and Analysis of Power Transformers with High Voltages 69 kV up to 161 kV	Jiayu Wang		6/5/2023	ACTIVE PAR
PC57.145		wjy911106@163.com		12/31/2027	TCR: Brian Sparlin
Individual	Draft Guide for the Condition Assessment of Liquid Immersed Transformers, Reactors and Their Components	Kumar Mani		9/5/2019	ACTIVE + PAR Revision + 1 PAR Extension
PC57.170		(919) 546 - 2791 kumar.mani@duke-energy.com		12/31/2025	SA BALLOT: Closed on 10/02/2024 with 171 comment to resolve. Currently in comment resolution.
Entity	Draft Guide for Power Transformers for Low-frequency (10 Hz to 30 Hz) Power Transmission	Haojun Liu		2/15/2024	ACTIVE PAR
PC57.20		liu_haojun@zj.sgcc.com.cn		12/31/2028	TCR: Sheldon Kennedy
Entity	Draft Guide for Installation and Maintenance of Liquid-Immersed Power Transformers Amendment: Cold Start of Power Transformers filled with Natural Ester Fluids	Wei Yao		3/5/2020	ACTIVE PAR for Amendment
PC57.93a		 yaoweidky@163.com		12/31/2024	Currently on the 3/26/2025 NesCom agenda TCR: Scott Reed
60076-16	Power Transformers - Part 16: Transformers for Wind Turbine Application		2018		ACTIVE
Individual			12/31/2028		
NONE					
60076-57-1202	IEC/IEEE International Standard Power transformers --Part 57-1202: Liquid immersed phase-shifting transformers	Ewald Schweiger	2016	9/26/2024	ACTIVE + PAR for Revision
Individual			12/31/2026		
PC60076-57-1202				12/31/2028	
60214-2	IEEE Draft Standard for Tap-Changers - Part 2: Application Guide		2019		ACTIVE
Individual			12/31/2029		
638	IEEE Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations	Craig Swinderman	2013	12/6/2023	INACTIVE RESERVE + PAR for Revision
Individual		(724) 816 - 4476	12/31/2023		
P638		craig.swinderman@meppi.com		12/31/2027	

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BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee POWER TRANSFORMERS					
CHAIR: Ryan Musgrove		ryan.musgrove@ieee.org	(405) 747 - 7960		
C57.107	IEEE 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		2024		ACTIVE
Individual			12/31/2034		
C57.116	IEEE Guide for Transformers Directly Connected to Generators		2022		ACTIVE
Individual			12/31/2032		
C57.12.10	IEEE Standard Requirements for Liquid-Immersed Power Transformers		2017	9/26/2024	ACTIVE + PAR for Revision
Individual			12/31/2027		
PC57.12.10				12/31/2028	
C57.125	IEEE Guide for Failure Investigation, Documentation, Analysis, and Reporting for Power Transformers and Shunt Reactors	Hakan Sahin	2015	5/21/2021	ACTIVE+ PAR for Revision
Individual		(208) 220-6963	12/31/2025		
PC57.125		hakanshaun@gmail.com		12/31/2025	
C57.131	IEEE Standard Requirements for Tap Changers		2024		ACTIVE
Individual			12/31/2034		
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		
PC57.135				12/31/2026	
C57.140	IEEE Guide for Evaluation and Reconditioning of Liquid Immersed Power Transformers	Marcos Ferreira	2017	2/13/2025	ACTIVE + PAR for Revisions
Individual		(971) 703 - 0777	12/31/2027		
PC57.140		mdferreira@comcast.net		12/31/2029	
C57.143	IEEE Guide for Application for Monitoring Equipment to Liquid-Immersed Transformers and Components		2012		ACTIVE
Individual			12/31/2022		

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PROJECT		Email			
SubCommittee POWER TRANSFORMERS					
CHAIR: Ryan Musgrove		ryan.musgrove@ieee.org		(405) 747 - 7960	
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		2023		ACTIVE
Individual			12/31/2033		
C57.153	IEEE Guide for Paralleling Power Transformers	Mark Tostrud	2015	11/8/2023	ACTIVE + PAR for Revision
Individual		(262) 746 - 1230	12/31/2025		
PC57.153		mark.tostrud@dynamicratings.com		12/31/2027	
C57.156	IEEE Guide for Tank Rupture Mitigation of Liquid-Immersed Power Transformers and Reactors	Peter Zhao	2016	6/5/2023	ACTIVE + PAR for Revision
Individual		(416) 345 - 5926	12/31/2026		
PC57.156		peter.zhao@hydroone.com		12/31/2027	
C57.157	IEEE Guide for Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid-Immersed Transformers	Adam Sewell	2015	6/5/2023	ACTIVE + PAR for Revision
Individual		(330) 872 - 5707	12/31/2025		
PC57.157		adamsewell@qualityswitch.com		12/31/2027	
C57.17	IEEE Standard Requirements for Arc Furnace Transformers	Domenico Corsi	2012	6/5/2023	INACTIVE-RESERVED + PAR for Revision
Individual			12/31/2022		
PC57.17		transkraft@neo.rr.com		12/31/2027	
C57.93	IEEE Approved Draft Guide for Installation and Maintenance of Liquid-Immersed Power Transformers	Scott Reed	2019	5/22/2024	ACTIVE +PAR for Revision
Individual		(330) 498 - 6259	12/31/2029		PC57.93a is currently close to being approved. CONSIDER MERGING THIS INTO THIS NEW REVISION.
PC57.93		sreed@mvdiagnostics.com		12/31/2028	

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BALLOT TYPE		Phone	Rev Due Date	PAR Expiration	Remark
PROJECT		Email			
SubCommittee STANDARDS					
CHAIR: Daniel Sauer		dmsauer@mtu.edu	(262) 896 - 2417		
Individual	Draft Guide for Evaluating Transformer Performance under Reverse Power Flow	Ryan Hogg		5/22/2024	Active PAR
PC57.133		rhogg@ieee.org		12/31/2028	
Individual	Draft Guide for the Evaluation of the Environmental Impact and Life Cycle Assessment of Transformers and Shunt Reactors			9/26/2024	Active PAR
PC57.151				12/31/2028	
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		2024		ACTIVE
Individual			12/31/2034		
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 Revision + 1 PAR Extension
Individual		(971) 703 - 0777	12/31/2023		SA BALLOT: Closed on 10/4/2024 with 122 comments to resolve. Currently in Comment Resolution.
PC57.152		mdferreira@comcast.net		12/31/2025	

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BALLOT TYPE	Phone	Rev Due Date	PAR Expiration	Remark
PROJECT	Email			
SubCommittee STANDARDS				
CHAIR: Daniel Sauer	dmsauer@mtu.edu		(262) 896 - 2417	
C57.163	IEEE Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances	2023		ACTIVE
Individual		12/31/2033		

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BALLOT TYPE		Phone			
PROJECT		Email	Rev Due Date	PAR Expiration	Remark
SubCommittee SUBSURFACE TRANSFORMERS & NETWORK PROTECTORS					
CHAIR: Tony Reiss		treiss@custommaterials.com		(440) 478 4471	
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	Alan Traut (601) 422 - 1198 atraut@ieee.org	2018	2/5/2024	ACTIVE + PAR for Revision
Individual			12/31/2028		
PC57.12.23				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		2023		ACTIVE
Individual			12/31/2033		
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)		2024		ACTIVE
Individual			12/31/2034		
C57.12.44	IEEE Standard Requirements for Secondary Network Protectors		2024		ACTIVE
Individual			12/31/2034		
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		WITHDRAWN
Individual			12/31/2000		THIS STANDARD IS NO LONGER VALID. UNLESS IT IS REVISED IT WILL BE REMOVED FROM THIS REPORT.

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BALLOT TYPE		Phone		Rev Due Date	PAR Expiration	Remark
PROJECT		Email				
SubCommittee TRANSFORMERS AND REACTORS FOR HVDC APPLICATIONS						
CHAIR:	Klaus Pointner	klaus.pointner@trench-group.com		43 732 - 6793		
Entity	Draft Guide for Vibration Testing of Oil-immersed High-voltage Direct Current (HVDC) Converter Transformer (± 160 kV dc to ± 1100 kV dc)	Dr Jun Deng		3/30/2023	ACTIVE PAR	TCR: Ulf Radbrandt
PC57.132		13822116195@139.com		12/31/2027		
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	Waldemar Ziomek	2017	2/15/2024	ACTIVE + PAR for Revision	
Individual		(204) 474 - 5739	12/31/2027			
PC60076-57-129		wziomek@ptitransformers.com		12/31/2028		