

WG	*-SA activity	OUTPUT	SA #	TITLE	CHAIR	VICE CHAIR	SECRETARY	START	ASSIGNMENT	DRAFT #	BALLOT	RESOLVE	SUMMARY	# of Meetings	Estimated Attendees
<b>B.</b>				<b>PSRC Administrative Subcommittee</b>	<b>Michael Thomson</b>	<b>Gene Henneberg</b>	<b>Jim Niemira</b>								
B.Adcom	#	On going		By invitation - PSRC Advisory Committee -- UNTIL 6:30 PM	Michael Thompson		Jim Niemira								
B.SC	#	On going		By invitation - PSRC SC Chairs meeting	Michael Thompson										15
B1	#	On going		By Invitation - Awards and Technical Paper Recognition	Andre Uribe	Mal Swanson									
B10		On going		By Invitation - Inverter Based Resources Steering Working Group	Michael Thompson	Henneberg		on going							15
B11		On going		SC21 Distributed Resources Standard Coordination - OPEN TO ALL	Ben Kazimier	Wayne Stec	Mat Garver	22	x	1					20
B2	#	On going		By Invitation - Fellows Award - meets with PSCCC A2TF	Jon Sykes	Ken Martin									
B3		On going		Membership - New Comers Orientation - PSRC	Mal Swanson	Cathy Dalton									
B4	#	On going		By Invitation - PSRC Long Range Planning	Murty Yalla										
B5		On going		Publicity	Cathy Dalton	Mal Swanson		ongoing							15
B8		On going		PSRC O&P Manuals Revision and WG Chair Training	Don Lukach										
B9		On going		PSRC Website	Rick Gamble										
<b>C.</b>				<b>Systems Protection Subcommittee</b>	<b>Michael Higginson</b>	<b>Patel</b>									<b>60</b>
C23		On going		Coordination of Synchrophasor Related Activities	Yi Hu	Gustavo Brunello		13	x	na					20
C29		Report		Power System Testing Methods for Power Swing Blocking and Out of Step Tripping	Kevin Jones	Mike Kockott		16	x	1.09					30
C33	*	Rec'd Prac	2004	HIL Simulation Testing Power Apparatus & Ctrl	Dean Ouellette	Sakis Meliopoulos	Aaron Findley	17	x	D3	X				40
C38	*	Guide	2030.12	Design of Microgrid Protection Systems	S. S. (Mani) Venkata	Michael Higginson		18	x	1.5	X	X			60
C39	*	Guide	C37.252	Guide for Testing Automatic Voltage Control Systems in Regional Power Grids	Xiaopeng Li	Kai Liao		18	x	6					20
C40		Tutorial		Prepare a tutorial from the work of C37.247 Standard for Phasor Data Concentrators	Vasudev Gharpure	Mital Kanabar		19	x	1.01					10
C41		Report		Investigate performance requirements for Distribution PMUs	Ken Martin	Nuwan Perera	Dinesh Gurusinghe	21	x	0.9					20
C43		Report		Artificial Intelligence and Machine Learning technologies for power system protection and control applications	Yi Hu	Adi Mulawarman		20	x	115					50

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C44		Paper		Prepare a Summary Paper based on the Contents of the Report Prepared by the C24 WG "Modification of Commercial Fault Calculation Programs for Wind Turbine Generators"	Sukumar Brahma	Evangelos Farantatos		20	x	10.0					30
C45		Report		Protection and short-circuit modeling of systems with high penetration of inverter-based resources	Ali Hooshyar	Manish Patel		21	x	1.0					60
C46		Transactions Paper		Draft a summary paper of C37.242: Guide for Synchronization, Calibration, Testing, and Installation of Phasor Measurement Units (PMUs) for Power System Protection and Control	Allen Goldstein	Deepak Maragal		21	x	0.4					30
C48		Summary Paper		Summary paper of C37.120 Guide for Protection System Redundancy for Power System Reliability	Alla Deronja	Melvin Moncey Joseph		22	x	6			X		20
C50		Report		Revise and expand PES-TR87 Protection of Wind Electric Plants to explicitly address other IBR plants (e.g., solar and battery energy storage)	Brandon Davies	Amin Zamani		22	x	1					30
C51		Report		Report on Underfrequency Mitigation Strategies for Low Inertia Systems	Kevin Jones	Chase Lockhart		22	x	TBD					30
C52	*	Guide		Revise standard C37.246 IEEE Guide for Protection System of Transmission-to-Generation Interconnections.	Melvin Moncey Joseph	Mike Jensen	Muhammad Hamid	23	x						40
C53		Report		Develop a Technical Report summarizing the collection, management, and analysis of protection & control data sets for artificial intelligence and machine learning applications	Dan Sabin	TBD		23	x						30
CTF47				Relay Modeling in Electromechanical Dynamic Simulations for Power System Dynamic Performance (PSDP) committee	Evangelos Farantatos	Mohammad Zadeh		21	x	1					20
CTF54				Investigate the need for a new standard or technical report to define the architecture and functional requirements of Protection, Automation, and Control (PAC) Systems for Data Centers including Electrical Power Monitoring System (EPMS) integration	Andre Melo	TBD		24	x						15
CTF55				Investigate the industry need for a relevant standard or report for Synchro-Waveform/ Continuous Point-On-Wave/Synchronized Measurement	Shane Haveron	TBD		24	x						20
<b>D.</b>				<b>Line Protection Subcommittee</b>	<b>Meyer Kao</b>	<b>Alla Deronja</b>									<b>60</b>
D29		Tutorial		Tutorial for Setting Impedance-Based Power Swing Relaying on Transmission Lines	Kevin Jones	Normann Fischer		14	x	1.10	x				30
D30		Tutorial		Tutorial on Application and Setting of Ground Distance Elements on Transmission Lines	Karl Zimmerman	Ted Warren		14	x	9.00					30
D34				Coord w/ IEC 60255-187-3 Functional Spec for Line Current Diff Req	Normann Fischer			15	x	1.1					15

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D35		Report		Evaluation of Transmission Line Pilot Protection Schemes	Rick Gamble	Brandon Lewey		16	x	5	x				50
D37		Report		Report on Impact of Series Compensation on Transmission Line Protection	Mike Kockott	Nuwan Perera	Melvin Moncey Joseph	17	x	1.1					15
D38		Report		Impact of High SIR on Line Relaying	Chris Walker	Greg Ryan	Greg Ryan	17	x	1.50					40
D42		Guide	C37.113	IEEE Guide for Protective Relay Applications to Transmission Lines	Jeff Barsch	Rick Gamble	Josh Lamb	20		2.14					50
D43		Report		Effect of Distribution Automation on Protective Relaying	Greg Ryan	Amin Zamani	Joshua Hughes	21	0	2.3	x				30
D44		Guide	C37.114	IEEE Guide for Determining Fault Location on AC Transmission and Distribution Lines	Sebastien Billaut	Karl Zimmerman	Looja Tuladhar	20	0	3.2					30
D45		Report		Protection methods used to reduce wildfire risks due to transmission and distribution lines.	Jon Sykes	Scott Hayes	Bruce Mackie	20		2					40
D47	*	Guide	C37.243	IEEE Guide for Application of Digital Line Current Differential Relays Using Digital Communications	Alla Deronja	Steve Klecker	Galina Antonova	21		8.2					40
D48		Report		Report on Single phase Trip and Reclose on Transmission Lines	Kamal Garg	Ilia Voloh		21		4.2					30
D51		Report		Protection Consideration for Single Phase Tripping and Reclosing of Distribution Lines	Brian Boysen	Jack Jester		22	x	1.6		x			35
D53				Report on distribution line protection practices survey	Muhammad Hamid	Greg Ryan	Brian Boysen	23		0					30
D54				Protection methods for non-effectively grounded distribution systems	Russ Patterson			24	x	0					30
DTF52				Investigating forming a Working Group on "Line Protection based on Transient Quantities	Normann Fischer			24							30
DTF55				Protection of HVDC systems and dc distribution systems	Brandon Lewey			24	x						40
<b>H.</b>				<b>Relaying Communications and Control Subcommittee</b>	<b>Hugo Monterrubio</b>	<b>Mital Kanabar</b>	<b>Dean Ouellette</b>								<b>75</b>
H17		Report		Establishing Links between COMTRADE, IEC 61850, and CIM	Christoph Brunner	Alex Apostolov		10	x	7	x	x			20
H22	*	Guide	C37.249	Guide for Cyber Security for Protection Related Data Files	Amir Makki	Cesar Calix	Hugo Monterrubio	12	x	8-Jan	x				20
H27	*	Standard	C37.251	File format for IED configuration Data (COMSET)	Mario Capuozzo	Benton Vandiver	Daniel Sabin	13	x	22	x				30
H30		Report		IEC 61850 User Feedback	Depak Maragal	Dustin Tessier	Aaron Martin	15	x	1					35
H31		Report		Common Protection & Control parameters for COMSET	Depak Maragal	Alex Apostolov		15	x	10					20
H40	*	Recd Practice	C37.1.2	Databases Used in Utility Automation Systems	Theo Laughner	Mario Capuozzo		17	x	5					15
H41	*	Standard	1646	Communication Delivery Time Performance Requirements	Dave Dolezilek	T. W. Cease		17	x	5					15

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H44	*	Guide	C2030.101.1	Monitoring & Diag IEC 61850 GOOSE and Sampled Values Based Systems	Aaron Martin	David Dolezilek	Jose Ruiz	19	x	5					40
H45	*	Guide	C37.300	Guide for Centralized Protection & Control (CPC) Systems within a Substation	Ratan Das	P. Myrda	Mital Kanabar	18	x	6.401					40
H46	*	Recd Practice	C37.1.3	HMI used in Substation Automation Systems	Matt Black	Craig Preuss	Shane Haveron	18	x	0.62					30
H47		Report		Investigate Impact of Digital Comms on Prot & Control Applications	Mital Kanabar	Antonio Riccardo	Dean Ouellette	19	x	1.4b					30
H49		Report		Application considerations for the Use of Packet-Switched Communication Channels for pilot protection and teleprotection schemes	Steve Klecker	Galina Antonova	Luke Erichsen	20	x	0					30
H50		Report		Requirements for Time Sources in Protection & Control Systems	Dean Ouellette	Jay Anderson		19	x	1.7.4					30
H51	*	Standard	C37.239	COMFEDE Revision	Mark Admiak	Pierre Martin	Zack Makki	20	x						15
H52	*	Standard	C37.232	Common Format for Naming Time Sequence Data Files, C37.232, COMNAME	Ellery Blood	Shane Haveron	Amir Makki	21		0					20
H53	*	Guide	P1854	Revision of IEEE Guide P1854 Use Guide for Smart Distribution Applications JOINT WITH PSCCC P16	Xiangyu Ding	Jason Lombardo		21							30
H54	*	Standard	C37.111	Revision of IEEE C37.111-2013/IEC 60255-24:2013 Standard for Common Format for Transient Data Exchange (COMTRADE) (DOUBLE SESSION 1 of 2)	Mark Adamiak	Zach Makki	Dan Saban	21							30
H54	*	Standard	C37.111	Revision of IEEE C37.111-2013/IEC 60255-24:2013 Standard for Common Format for Transient Data Exchange (COMTRADE) (DOUBLE SESSION 2 of 2)	Mark Adamiak	Zach Makki	Dan Saban	21							30
H6		Summary Paper		Application Testing of IEC 61850 based Systems	Charlie Sufana	Benton Vandiver		21	x	1.10.23					30
HTF55		Report		Investigate Distributed Cyber Physical Assesment for Grid Resilience	Jeff Pack	Craig Rieger		22	x	1					20
HTF56		Ongoing		H SC Ideation Meeting	Mital Kanabar	Dean Ouelette		24							30
SCASC				IEEE Synchrophasor Conformity Assessment Steering Committee (SCASC)	Ken Martin										
I.				<b>Protection and Control Practices Subcommittee</b>	<b>Ritwik Chowdhury</b>	<b>Angelo Tempone</b>									<b>60</b>
I2		On Going		Terminology Usage Review	Mal Swanson	Claire Patti		on-going							20
I31	*	Standard	P1613	Standard for Environmental and Testing Requirements for Devices with Communications Functions Used With Electric Power Apparatus	Brian Mugalian	Jerry Ramie	Craig Preuss	15	x	3.1	X	X			10
I32		Survey		A Survey of Protective System Test Practices	Andre Uribe	Will Knapek		15	x	3.1					20

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I33		Report		Review of Relaying Testing Terms	Scott Cooper	Hugo Monterrubio		15	x	2.0					10
I36	*	Standard	PC37.90.2	Revision of - Standard for Relays, Relay Systems, and Control Devices used for Protection and Control of Electric Power Apparatus – Radiated Electromagnetic Interference Withstand Capability Requirements and Tests	Chase Lockhart	Mat Garver		17	x	4	X				20
I37	*	Standard	PC37.90	Review of Standard for Relays and Relay Systems Associated with Electric Power Apparatus	Marilyn Ramirez	Bill Morse		18	x	2.0					20
I4		On Going		International Standards Development (IEC Advisory)	Eric Udren	Normann Fischer		on-going							15
I40	*	Standard	PC37.90.1	Standard for Relays, Relay Systems, and Control Devices used for Protection and Control of Electric Power Apparatus- Surge Withstand Capability (SWC) and Electrical Fast Transient (EFT) Requirements and Tests	Roger Whittaker	Todd Martin		18	x	4					20
I43		Report		EMP Resiliency	Angelo Tempone	Dolly Villasmil	Johnny Moore	19	x						30
I44		Report		Skills Required to Program, Commission, Test, and Maintain Ethernet Based PAC Systems	Andre Uribe	Will Knappek		20	x	1.0					20
I45		Report		Grounding and Bonding Issues Associated With Substation Wiring Practices and Instrumentation	Adrian Zvarych	Jalal Gohari		20	x						20
I46	*	Guide	PC57.13.3	Review and determine need of revision of IEEE C57.13.3-2014 - IEEE Guide for Grounding of Instrument Transformer Secondary Circuits and Cases	Bruce Magruder	Sudarshan Byreddy		21	x						20
I47	*	Rec. Practice	PC37.231	Review and determine need of revision of IEEE C37.231-2006 - IEEE Recommended Practice for Microprocessor-Based Protection Equipment Firmware Control. JOINT WITH PSCCC S18	Milton Quinteros	Nicholas Kraemer	Charles Pestell	21	x						20
I48	*	Guide	PC37.103	Revision of IEEE C37.103 Guide for Differential and Polarizing Relay Circuit Testing	Mohit Sharma	Gary Kobet		21	x						15
I49		Report		Roadmap for developing new or updating existing IEEE standards to address issues of Centralized Protection and Control (CPC) Systems -- JOINT WITH P21	Craig Preuss / Brian Mugalian		Melvin Moncey Joseph	23	x						30
I50		Paper		Develop a summary paper for IEEE Std C37.92 Standard for Low-Energy Analog Interfaces between Protective Relays and Power System Signal Sources	Eric Udren	Peiman Dadkhah		23	x						20

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I51		Paper		Develop a summary paper for IEEE Std C37.110 Guide for the Application of Current Transformers for Protective Relaying Purposes	Juan Gers			24	x						20
ITF52		NA		Determine need for a corrigendum for IEEE Std C37.92-2023 and draft a PAR if there is a need	Eric Udren			24	x						20
<b>J.</b>				<b>Rotating Machinery Subcommittee</b>	<b>Will English</b>	<b>Jason Eruneo</b>									<b>40</b>
J15		Report		Investigation of the criteria for the transfer of motor buses - DOUBLE SESSION 1 of 2	Wayne Hartmann	Doug Weisz		15	X	13C	WG				30
J15		Report		Investigation of the criteria for the transfer of motor buses - DOUBLE SESSION 2 of 2	Wayne Hartmann	Doug Weisz		15	X	13C	WG				30
J16	*	Guide	C37.101	Revision of PC37.101, Guide for Generator Ground Protection	Ryan Carlson	Doug Weisz		16	X	4b	WG				30
J21		Tutorial		Motor Protection Tutorial	Derrick Haas	JC Theron		19	X	0					30
J22	*	Guide	C37.96	Revision of PC37.96, Guide for AC Motor Protection DOUBLE SESSION 1 of 2	Zeeky Bukhala	Jason Buneo		21	X	1					30
J22	*	Guide	C37.96	Revision of PC37.96, Guide for AC Motor Protection DOUBLE SESSION 2 of 2	Zeeky Bukhala	Jason Buneo		21	X	1					30
J23		Report		Report on Generator Condition Monitoring	Steve Turner	Rob Messel		21	X	0					20
J24		Report		Report on Synchronous Generator Disturbance Recording	Shane Haveron	JC Theron		21	X	0					10
J25		Report		Report on Synchronous Condenser Protection	Jason Eruneo	Dale Finney		21	X	4.2					30
J26		Summary Paper		Summary Paper - Modeling of Generator Controls for Coordinating Generator Relays	Juan Gers	Phil Tatro		22	X	1	WG		X		30

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J27		Summary Paper		Summary Paper - Revision of PC37.106, Guide for Abnormal Frequency Protection for Generating Units	Bracy Nesbit	Jay Mearns		22	X	1			X		15
J30		Summary Paper		Summary Paper - Revision of PC37.102, Guide for AC Generator Protection	Steven Mueller	Mike Thompson		24	X				X		20
JTF28				Prepare J6, J14 papers for publication	Zeeky Bukhala	Dale Finney		22	X						10
JTF29		Task Force		J Subcommittee Scope Review	Gary Kobet			24							30
<b>K.</b>				<b>Substation Protection Subcommittee</b>	<b>Adi Mulawarman</b>	<b>Brandon Davies</b>									<b>50</b>
K12	*	Guide	C37.431.20	Guide for Prot Static VAR Compensators Joint w/ Subst I9	Satish Samineni	Martin Best	Martin Best	13	x	27					20
K25	*	Guide	C37.99	Guide for the Protection of Shunt Capacitors	Rick Gamble	tbd		18	x	1.1					30
K26	*	Guide	C37.109	Guide for the Protection of Shunt Reactors	Kamal Garg	Illia Voloh	Illia Voloh	18	x	3.5					N/A
K27	*	Guide	C37.95	Guide for the Protective Relaying of Utility-Consumer Interconnections	Paul Elkin	Hillmon Ladner	Hillmon Ladner	20	x	3					30
K29		Report		Reducing outage durations through improved protection and autorestitution in distribution substations	Sebastien Billaut	Mohamed Zadeh	Lalitha Devarakonda	20	x	1					20
K31	*	Guide	C37.119	Guide for Breaker Failure Protection of Power Circuit Breakers	Vahid Madani	Brandon Davies	Brandon Davies	22	x	2.3					35
K33	*	Guide	C37.234 amendment	Explore need to amend C37.234 Bus Guide regarding stabilization of ungrounded bus with large or unbalanced shunt capacitance	Sebastien Billaut			24	x						20
K34		Summary Paper		Summary Paper for C37.109 Guide for the Protection of Shunt Reactors	Kamal Garg	Illia Voloh		23	x	1.0					20
K35		Report		Applying ground detection banks to ungrounded systems or systems that can become unintentionally ungrounded	Sebastien Billaut	Ted Warren	Koustubh Banerjee	24	x						20
KTF32		Task Force		Explore the need for a separate guide for protecting Harmonic Filter Banks	Satish Samineni			23							20
K34		Summary Paper		Summary Paper for C37.109 Guide for the Protection of Shunt Reactors	Kamal Garg	Illia Voloh		23	x	1.0					20
K35		Report		Applying ground detection banks to ungrounded systems or systems that can become unintentionally ungrounded	Sebastien Billaut			24	x						20
KTF32		Task Force		Explore the need for a separate guide for protecting Harmonic Filter Banks	Satish Samineni			23							20

IEEE PSRC COMMITTEE WORKING GROUP MATRIX

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KTF33		Task Force		Explore need to amend C37.234 Bus Guide regarding stabilization of ungrounded bus with large or unbalanced shunt capacitance	Sebastien Billaut			23							20