

WG/SC	MONDAY Jan 8, 2018	Chair	Est	Audio/CP	Room (Cap)
	Registration **All Day**				
	** Spouse/Companion Meeting/Breakfast **				
	MONDAY 8:00 AM - 5:00 PM				
K12/19	Guide for Transmission SVC Protection	Samineni/Halonen			GRAND 7
	MONDAY 8:00 – 9:15AM				
PSCC P5	Recommended Practice for Network Communications in Substations (IEEE P1615)	Easley	20	CP	River Terrace 1
	MONDAY 9:30 AM – 10:45 AM				
H11	Synchrophasor Standard Working Group* Double session (1 of 2)	Martin, K.	25	CP	City Terrace 4
PSCC S6	Standards for integrating Home Automation IoT to Power Utilities Communication System	Lacroix	20	CP	Hart
PSCC P1*	Revision of IEEE STD profile for the use of IEEE1588 Precision Time Protocol	Antonova	20	CP/LM	River Terrace 1
	MONDAY 11:00 – 12:15 PM				
H11	Synchrophasor Standard Working Group Double session (2 of 2)	Martin, K.	25	CP	City Terrace 4
H38*	Design and Implementation of Time Synchronization Distribution Systems for Substation Automation	Bougie	25	CP	City Terrace 7
PSCC S1 TF	Review of IEEE 1686 IED Cyber Security Capabilities	Lacroix	20	CP	River Terrace
	MONDAY 12:15 -- 1:30 PM				
	Lunch on your own				
	MONDAY 1:30 – 2:45 PM				
B2	(By Invitation only) Fellows Awards	Henville	15	#CLS	City Terrace 4
HTF46	IEEE PC37.1.3 Recommended Practice for HMIs used in Utility Automation Systems	Preuss	20	CP	City Terrace 7
	MONDAY 3:00 – 4:15 PM				
ICAP	ICAP Synchrophasor (C37.118) Conformity Assessment Steering Committee (SCASC)	Goldstein	30-40	CP	City Terrace 12
	(By Invitation only) PSRC Officer / SC Chair Coordination Meeting	Mysore	30	#CLS	City Terrace 7
B8	(By Invitation only) PSRC Long Range Planning WG	McDonald	20	#CLS	City Terrace 6
B1	(By Invitation only) Awards and Recognition Working Group	Monterrubio	20	#CLS	City Terrace 4
PSCC S3	Interoperability of IPSEC Utilized within Utility Control Systems (P2030.102.1)	Bougie	20	CP	River Terrace
	MONDAY 4:30 – 5:45 PM				
K18*	PC37.108 IEEE Guide for the Protection of Secondary Network Systems	Mulawarman	25	CP	City Terrace 7
PSCC P10	Advanced Synchrophasor Protocol	Johnson	20	CP	Hart
PSCC S5*	Extensions to Cyber Security Requirements for Substation P&C Systems (PC37.240)	Kunsmann	50	CP	River Terrace 1
	Revising of the scope of the Relaying Practices Subcommittee based on the PSRCC scope revision	TBD	10	?	City Terrace 4
	MONDAY 6:00 – 7:00 PM CASH BAR RECEPTION Location:				
	MONDAY 7:00 PM – ? DINNER Location:				

WG/SC	TUESDAY Jan 9, 2018	Chair	Est	Audio/CP	Room (Cap)
	TUESDAY 8:00-9:15 AM				
	Registration **All Day**				
	** Spouse/Companion Meeting/Breakfast **				
B3	NEWCOMER'S ORIENTATION	Patterson	15	CP	City Terrace 5
H23*	CANCELLED - 0Guide for Naming IEDs (COMDEV)	Cornelison	20	CP	City Terrace 6
I11	PC37.241 Application of Optical Instrument Transformers for Protective Relaying	Rahmatian	25	CP	City Terrace 7
I35	PC37.2 Standard for Electrical Power System Device Function Numbers, Acronyms, and Contact Designations	Dood	20	CP	City Terrace 12
J17	PC37.102, Guide for AC Generator Protection (Double Session 1 of 2)	Das	50	CP	Grand 4
K10	SCC21 Distributed Resources Standard Coordination	Kazimier	20	CP	City Terrace 8
PSCC P11	Cloud computing uses and requirements by Electric Power Utilities	Cease	20	CP	Hart
SC&WG*	Standard's Coordination: all WG & SC Chairs with a PAR Req'd. to Attend	Mulawarman	20	CP	City Terrace 11
	TUESDAY 9:30-10:45 AM				
C32	Protection Practices for Interconnecting Solar or Other Inverter Based Generation to Utility Transmission Systems	Deaton	50	CP	Grand 5
CTF33	Support for WG-P2004 "Recommended Practice for Hardware-in-the-Loop (HIL) Simulation Based Testing for Electric Power Apparatus and Controls	Henneberg	20	CP*	City Terrace 5
D34	Coordination With IEC 60255-187-3 Functional Spec for Line Current Differential Requirements	Fischer	30	CP	City Terrace 9
H6	CANCELLED - IEC61850 Application Testing	Sufana	25	CP	City Terrace 7
H41*	Revision of IEEE 1646 Communication Delivery Time Performance Requirements	Holstein	25	CP	City Terrace 12
I27	Investigation of Protective Relay Self-Monitoring Capabilities	Moxley	30	CP	City Terrace 4
J17	PC37.102, Guide for AC Generator Protection (Double Session 2 of 2)	Das	50	CP	Grand 5
K17	GMD Geomagnetic Disturbance	Qiu	30	CP	City Terrace 11
PSCC P7*	Review of C37.94	Benou	20	CP	City Terrace 10
PSCC P2*	PSCC P2* Electric Power Systems Communications - Distributed Network Protocol (DNP3) (IEEE 1815)	Farguharson	20	CP	Hart
	TUESDAY 11:00 AM - 12:15 PM				
C28*	C37.242 Guide to the Synchronization, Calibration, Installation and Testing of PMUs for Power System Protection and Control	Goldstein	30	CP	City Terrace 9
CTF36	IEEE transactions paper development for Role of Protective Relays in the Smart Grid	Apostolov	?		City Terrace 11
DTF40	Future Plan for Transmission Line Guide	Barsch	30	CP	City Terrace 12
H27*	Standard file format for IED configuration Data (COMSET)	Chelmecki	20	CP	City Terrace 4
I26	Mathematical Models of Instrument Transformers	Meisinger	30	CP	Grand 5
I4	IEC Standards Advisory	Udren	15	CP	City Terrace 5
J16	PC37.101, Guide for Generator Ground Protection	Klingerman	35	CP	Grand 4
K19	IEC Std 60255-187-1 Review by PSRC	Brunello	20	CP	City Terrace 6
K23	PC37.119, IEEE Guide for Breaker Failure Protection- Summary Paper	Whittaker	25	CP	City Terrace 7
	TUESDAY 12:15 - 1:30 PM - Lunch on your own				
	TUESDAY 1:30 - 2:45 PM				
C25	Protection of Wind Electric Plants	Best	30	CP	City Terrace 4
C26*	C37.233, Power System Protection Testing Guide	Ware	40	CP	N/A
D37	Report on Impact of series compensation on transmission line protection	Kockott	30	CP	N/A
H11	Synchrophasor Standard Working Group	Martin, K.	25	CP	City Terrace 9
H30	IEC 61850 User Feedback	Maragal	25	CP	City Terrace 12
I23*	Revision of C57.13.1 Guide for Field Testing of Relaying Current Transformers	Magruder	20	CP	City Terrace 5
I36	Review of C37.90.2 - Standard for Withstand Capability of Relay Systems to Radiated Electromagnetic Interference from Transceivers	Pond	20	CP	City Terrace 6
J12	Improved generator ground fault protection schemes	Finney	35	CP	Grand 4
K22*	PC37.234 Guide for Protective Relaying Applications to Power System Buses	Bapary	50	CP	Grand 5
PSCC P3*	Exchanging information between networks implementing IEC 61850 and IEEE Std 1815 (DNP3)	Farguharson	20	CP	Hart
PSCC S7*	Electrical Power System Cyber Device Function Numbers, Acronyms, and Designation	Wallace	20	CP	City Terrace 10
	TUESDAY 3:00 - 4:15 PM				
C19*	Standard for Phasor Data Concentrators for Power Systems	Gharpure	25	CP	City Terrace 7
C30	Microgrid Protection Systems	Higginson	40	CP	Grand 4
D30	Tutorial on Application and Setting of Distance Elements for Transmission Line Events With Distorted Waveforms	Zimmerman	30	CP	City Terrace 4
H32	Performance requirements for teleprotection over Ethernet	Fodero	25	CP	Matthews
H35	XML Translation for COMTRADE	Adamiak	20	CP	City Terrace 5
I30*	Rev. of C37.235 Guide for the Application of Rogowski Coils Used for Protective Relaying Purposes	Kojovic	20	CP	City Terrace 8
I34	PC37.1.1 Draft Standard for I/O Requirements and Testing Methodology for Intelligent Electronic Devices (IEDs)	Preuss	25	CP	Acosta
J18	Impact of Inverter-based Sources on Rotating Machinery	Fischer	30	CP	Grand 7
K1*	PC37.245, Guide for the Ap. of Protective Relaying for Phase Shifting Transformers	Sevov	30	CP	City Terrace 12
PSCC P6	Configuring Ethernet LAN infrastructure	Udren	30	CP	Hart
	TUESDAY 4:30 - 5:45 PM				
C2	Role of Protective Relays in the Smart Grid	Apostolov	30	CP	City Terrace 7
C24	Modifications to Fault Study Programs for Wind Turbine Generators	Brahma	30	CP	City Terrace 9
D29	Tutorial on Setting Impedance-Based PSB and OOST Functions on TL	Jones	30	CP	City Terrace 12
H3*	Time tagging in Protection and Disturbance Recording IED's	Dickerson	30	CP	City Terrace 4
HTF44	Enhancing GOOSE I/O Monitoring	Martin, A.	20	CP	City Terrace 8
I29*	Rev. of C37.110 Guide for the Application of Current Transf. for Prot. Relaying Purposes	Valenzuela	30	CP	Matthews
I37	Review of C37.90 - Standard for Relays and Relay Systems Associated with Electric Power Apparatus	Bolado	20	CP	City Terrace 5
J14	Plant protection issues associated with black starting of generators	Ruckman	25	CP	Grand 7
K21	IEEE Std C37.112 Standard Inverse Time Char. Eq. for OC Relays	Crellin	20	CP	City Terrace 6
PSSC P9	Revision of C37.118.2	Gharpure	35	CP	Hart
	TUESDAY 6:00 - 7:00 PM				
B #	(By Invitation only) PSRC Advisory Committee	Mysore	30	#CLS	City Terrace 12
PSCC A0 #	(By Invitation only) PSCC Administrative Subcommittee	Dood	20	#CLS	Hart

WG/SC	WEDNESDAY Jan 10, 2018	Chair	Est	Audio/CP	Room (Cap)
	Registration **All Day**				
	** Spouse/Companion Meeting/Breakfast **				
	WEDNESDAY 8:00 – 9:15 AM				
CTF35	IEEE transactions paper development for C37.246	Deronja	?	CP	City Terrace 7
C21*	Guide for Engineering, Implementation and Management of System Integrity Protection Schemes (PC37.250)	Hu	30	CP/HDMI	City Terrace 4
D35	Evaluation of Transmission Line Pilot Protection Schemes	Gamble	40	CP	River Terrace 2
H40*	Recommended Practice for Databases Used in Utility Automation Systems	Bougie	25	CP	City Terrace 11
HTF43	Review of C37.232 IEEE Standard for Common Format for Naming Time Sequence Data Files (COMNAME)	Allen	25	CP	City Terrace 8
I31*	IEEE 1613 Standard for Environmental and Testing Requirements for Intelligent Electronic Devices (IEDs) Installed in Transmission and Distribution Facilities	Mugalian	20	CP	City Terrace 5
I38	Review of C37.92 - Standard for Analog Inputs to Protective Relays From Electronic Voltage and Current Transducers	Udren	20	CP	City Terrace 6
J5	Application of Out-Of-Step Protection Schemes for Generators	Thakur	35	CP	City Terrace 12
K16	PC37.91 IEEE Guide for Protecting Power Transformers	English	50	CP	Grand 5
PSCC S8*	Testing Power System Cybersecurity Controls	Wallace	20	CP	Boardroom 2
	WEDNESDAY 9:30-10:45 AM				
C23	Coordination of Synchrophasor Related Activities	Johnson	25	CP	City Terrace 5
C29	Testing Out of Step Impedance Characteristics for Lines and Generators	Malson	40	CP	Grand 4
CTF34	Inverter-Based Short Circuit Current Impacts	Jones	30	CP	City Terrace 4
DTF39	Revise C37.104, IEEE Guide for Automatic Reclosing of Line Circuit Breakers	Patel	30	CP	City Terrace 9
H22	Guide for Cyber Security for Protection Related Data Files	A. Makki	20	CP	City Terrace 6
I24	Use of Hall Effect Sensors for Protection and Monitoring	Niemira	12	CP	City Terrace 8
PSCC P8	Standard Mapping between C37.118 and IEC 61850-90-5	Hu	20	CP	City Terrace 11
J13	Modeling of Generator controls for Coordinating Generator Relays	Gers	40	CP	River Terrace 2
K44	CANCELLED – Open-Phase-Detection-for-Nuclear-Generating-Stations	Sufana	30	CP	City Terrace 12
PSCC S2*	Serial SCADA Protection Protocol (SSPP) (IEEE P1711.1) Guide for using Secure SCADA Communications Protocol (SSCP) and Serial SCADA Protection Protocol (SSPP) (IEEE P1711)	Whitehead	20	CP	Boardroom 2
	WEDNESDAY 11:00 AM –12:15 PM	CHAIR	Est/Cap	A/V	
C31	Guide for Protection System Redundancy for Power System Reliability	Ward	50	CP	River Terrace 2
DTF38	Investigate the need for a working group on the Impact of High SIR on Distance Relaying	Walker	40	CP	River Terrace 3
H31	Common models and parameters for protection & protection related functions	Maragal	20	CP	City Terrace 5
HTF45	Guide for Centralized Protection and Control Systems within a Substation	R. Das	50	CP	Grand 4
I2	Terminology Usage Review	Swanson	20	CP	Grand 5
I33	Review of Relaying Testing Terms	Gosalia	20	CP	City Terrace 6
J15	Investigation of the Criteria for the Transfer of Motor Buses	Hartmann	30	CP	City Terrace 9
PSCC S4*	Secure SCADA Communications Protocol (SSCP) (P1711.2)	Hadley	20	CP	Boardroom 2
K12	MOVED TO 1/8/18 P1032 Guide for Protecting Transmission Static VAR Compensators Joint w/Subst. 19	Samineni		CP	City Terrace 14
	WEDNESDAY 12:15 – 1:30 PM Lunch on your own				
	WEDNESDAY 1:30- 2:45				
C	System Protection Subcommittee Meeting	Henneberg	60	CP/2M	River Terrace 2
D	Line Protection Subcommittee Meeting	Zimmerman	60	CP/2M	River Terrace 3
	WEDNESDAY 3:00 – 4:15				
H	Relay Communications Subcommittee Meeting	Antonova	60	CP/2M	River Terrace 2
I	Relay Practices Subcommittee Meeting	Mugalian	60	CP/2M	River Terrace 3
PSCC S0	Cybersecurity Subcommittee Meeting	Kunsmann	60	CP	Grand 7
	WEDNESDAY 4:30 – 5:45				
J	Rotating Machinery Subcommittee Meeting	Reichard	60	CP/2M	River Terrace 3
K	Substation Protection Subcommittee Meeting	Lukach	60	CP/2M	River Terrace 2
PSCC P0	PSCC Protocols and Communication Architecture Subcommittee	Benou	60	CP	Grand 7

WG/SC	THURSDAY Jan 11, 2018	Chair	Est	Audio/CP	Room (Cap)
	THURSDAY 8 AM – 10:00 AM				
	** Spouse/Companion Meeting/Breakfast **				
	THURSDAY 8 AM – 12:00 PM				
PSRC	PSRC Main Committee Mtg. (raised platform for 4 + Podium) *Two wireless microphones with mic stands in audience, one mic at podium.	Mysore	160	*Special Req.	Conference Center B
	Main Committee Presentations:	Yalla			
	Impact of Power Electronic Sources on Transmission Line Ground Fault Protection	Naggal			
	Revision of IEEE Standard C37.238-2011	Antonova			
PSCC MC	Power System Communications and Cybersecurity Main Committee (11:00 - 12:00 or immediately following PSRC Main Committee Mtg.)	Dood	60	CP	Daytona
	THURSDAY 12:00 PM – 1:00 PM				
	<i>Lunch on your own</i>				
	THURSDAY 1:00 PM – 4:00 PM				
PSCC C0	PSCC Power Line Carrier Subcommittee	Ray	20	CP	City Terrace 8

**Power System Relaying Committee
Main Committee Meeting Agenda
Jacksonville, Florida
January 11, 2018 8:00 am - 12:00 pm**

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|---|-------------------------|
| I. Call to Order/Introductions/Quorum | Pratap Mysore |
| II. Approval of Minutes/Financial Report | Murty Yalla |
| III. Reports of Interest | |
| A. Tech. Paper Coord./Future Meetings | Russ Patterson |
| B. CIGRE Report | Rich Hunt |
| C. IEC Report | Eric Udren |
| D. Standard Coordinator's Report | Adi Mulawarman |
| E. PCSS/Substation Committee Report | Craig Preuss |
| F. NERC Report | Bob Cummings |
| G. Other Reports of Interest | |
| IV. Advisory Committee Reports | Pratap Mysore |
| B1. Awards/Recognition | Hugo Monterrubio |
| V. Subcommittee Reports | |
| C- System Protection | Gene Henneberg |
| D- Line Protection | Karl Zimmerman |
| H- Relay Communications | Galina Antonova |
| I- Relaying Practices | Brian Mugalian |
| J- Rotating Machinery | Michael Reichard |
| K-Substation Protection | Don Lukach |
| VI. Presentations | Murty Yalla |
| * Impact of Power Electronic Sources on Transmission
 Line Ground Fault | Mukesh Nagpal |
| * Revision of IEEE Standard C37.238-2011 | Galina Antonova |

