

			Sunday May 7
6:00 PM	7:30 PM	Welcome Reception	Rainbow Room 10th Floor

					Monday May 8, 2017		
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			ESC Session 1		PSPC Session 1		PSEC Session 1
			Room: Canadian Room A; 5th Floor		Room: Canadian Room B; 5th Floor		Room: King George; 5th Floor
			Session Organizer: Wei-Jen Lee, University of Texas at Arlington		Session Organizer: Rob Hoerauf, Hoerauf Consulting		Session Organizer: Sergio Panetta, I-Gard Corp.
			Session Chair: Mahesh S. Illindala, Ohio State University		Session Chair: Rob Hoerauf, Hoerauf Consulting		Session Chair: Kent Sayler, P2S Engineering
		32	2017-ESC-0117 Flexible Scheduling of Microgrid with Uncertainties Considering Expectation and		2017-PSPC-0102 Disturbance-Estimator Predictive Current Controller		5 2017-PSEC-0075 5 Substation Capacity Planning Using a Practical Reliability Method
8:00 AM	8:40 AM	32	Robustness	33	for 1¢ Interconnected PV Systems	4	S Substation Capacity Planning Using a Practical Reliability Method
		32	Yuanzheng Li		Haider Razak		5 Ali Chowdhury
		33	2017-ESC-0122		2017-PSPC-0101		6 2017-PSEC-0078
8:40 AM	9:20 AM	33	Microgrid modular design for Tribal Healthcare facilities: Kayenta Health Center PV system case study	40	Digital Modular Protection for Grid-Connected PMG-Based WECSs with Battery Storage Systems	4	Load sharing of a droop-controlled PV source in islanded microgrids using Monte Carlo Simulation
0.40 AIII	J.20 A.III	33	Samuel Vega Cotto	40	Ryan Meng	46	6 Gonzalo E. Constante-Flores
		34	2017-ESC-0124		2017-PSPC-0104		7 2017-PSEC-0070
9:20 AM	10:00 AM	24	Medium-term Operation Strategy for a Grid-connected Microgrid via Minimax Regret Optimization	41	Impact of Sub Synchronous Resonance on operation of protective relays and prevention method	4	7 The Bus-Split Method for Residential Load Aggregation
3.20 AIVI	10.00 AW	34	Zhaohao Ding	41	Salman Rezaei	4	7 Petrus Pijnenburg
10:00 AM	10:30 AM				Coffee		
		35	2017-ESC-0115	5	2017-PSEC-0062	7 6	3 2017-PSEC-0086
		33	Optimal Design and Planning of Energy Storage Systems for Shipboard Power Systems		Phasor Diagram of a Single-Phase-Ground Fault Current in a High-Resistance		3 An Analytical Method for Wind Energy Potential, Reliability, and Cost Assessment for
10:30 AM	11:10 AM	35			Grounded (HRG) Power System		Wind Generation Systems
			Kexing Lai 2017-FSC-0114		Dev Paul 2017-PSPC-0106	63	Xiaodong Liang
		36	2017-ESC-0114 Demand side management in mixed residential/commercial buildings with PV on site		2 2017-PSPC-0106 Experimental Evaluation of Switching Induced Transformer Resonance Mitigation		B 2017-PSEC-0077 B An Integrated Generation-Consumption Dispatch Based on Mechanism Design
11:10 AM	11:50 AM	36	generation				
			Luigi Martirano	42	Van Wagner	41	8 Yu min Zhang
		0			2017-PSPC-0103 Preventive Control Strategy for a Micro Grid That Supports System Flexibility,		9 2017-PSEC-0087 9 A Novel Approach to Improve Model Generalization Ability in Dynamic Equivalent of
				4:	Renewable Power Forecasting, Demand Response and Economic Dispatch	"	Active Distribution Network
11:50 AM	12:30 PM	0					
		0		43	Yuan-Kang Wu	49	9 Zhenyuan Zhang
12:30 PM	1:30 PM	-1			Lunch On your OWN		
			Room: Canadian Room A; 5th Floor		Room: Canadian Room B; 5th Floor	1	Room: King George; 5th Floor
1:30 PM	2:00 PM	24	TBCC cordination	- 2	PSE: Power System Design SC	-	4 PSE: Power System Grounding SC
2:00 PM	2:30 PM		TBCC cordination	6	Power System Emergency, Stand-By Power and Energy Management Systems SC		Tower system maintenance operation safety se
2:30 PM 3:00 PM	3:00 PM 3:30 PM	3	PSE: Power System Analysis SC	(Power System Emergency, Stand-By Power and Energy Management Systems SC Coffee		7 Power Systems Reliability SC
3:30 PM	4:00 PM	29	Power System Protection and Coordination WG	31	Power Systems Reliability WG	26	6 Power System Design WG
4:00 PM	4:30 PM		Power System Protection and Coordination WG	31	Power Systems Reliability WG		6 Power System Design WG
4:30 PM	5:00 PM 5:30 PM		Power System Analysis WG		Power System Grounding WG		1 Power Systems Reliability WG 1 Power Systems Reliability WG
5:00 PM	8:00 PM	21	Power System Analysis WG ETAP Hospitality Suite (Brock Room) Second floor	28	3 Power System Grounding WG	3.	1 Power systems Reliability WG
					Tuesday May 9, 2017		
0.00 414	0.70.444		Room: Canadian Room A; 5th Floor		Room: Canadian Room B; 5th Floor	ļ .,	Room: King George; 5th Floor
8:00 AM 8:30 AM	8:30 AM 9:00 AM	9	Power System Forensic SC	13			Room: King George; 5th Floor FSP: Generator & Ground Fault Protection of Multiple Generator Installation WG FSP: Generator & Ground Fault Protection of Multiple Generator Installation WG FSP: Generator & Ground Fault Protection of Multiple Generator Installation WG
8:30 AM 9:00 AM	9:00 AM 9:30 AM	9 9 11	Power System Forensic SC Power System Forensic SC Power System Education and Healthcare SC	14 15	Room: Canadian Room 8; 5th Floor PSF: Low Voltage Protection SC SSP: Medium Voltage Protection SC SSP: Surge Protection SC	16 19	6 PSP: Generator & Ground Fault Protection of Multiple Generator Instalation WG 6 PSP: Generator & Ground Fault Protection of Multiple Generator Instalation WG 9 ESC: Distributed Energy Resources
8:30 AM 9:00 AM 9:30 AM	9:00 AM 9:30 AM 10:00 AM	9	Power System Forensic SC Power System Forensic SC Power System Education and Healthcare SC	14 15	Room: Canadian Room 8; 5th Floor BSP-Low Voltage Protection 5C BSP-Medium Voltage Protection 5C BSP-Surge Protection 5C BSP-Surge Protection 5C BSP-Surge Protection 5C	16	6 PSP: Generator & Ground Fault Protection of Multiple Generator Instalation WG 6 PSP: Generator & Ground Fault Protection of Multiple Generator Instalation WG 9 ESC: Distributed Energy Resources
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8:30 AM 9:00 AM 9:30 AM 10:00 AM 10:30 AM 11:00 AM	9:00 AM 9:30 AM 10:00 AM 10:30 AM 11:30 AM 12:00 PM	9 9 11 11 10 1	Nower System Forensic SC Nower System Forensic SC Nower System Education and Healthcare SC Nower System Education and Healthcare SC Power System Ports and Harbors SC PSEC ESC Session 2 Room: Canadian Room A 5th Floor Session Organizer Wel-Jen Lee, University of Texas at Arlington	14 15 17	Room: Canadian Room 8; 5th Floor SSP. Low Voltage Protection SC SSP. Medium Voltage Protection SC SSP. Surge Protection SC SSP. Surge Protection SC OPEN OPEN Coffee OPEN Lunch On your OWN PSEC Room: Canadian Room B 5th Floor Session Oganizer: Sergio Panetta, I-Gard Corp., Marcelo Valdes, GE	16 19 20 20	PSP. Generator & Ground Fault Protection of Multiple Generator Instalation WG PSP. Generator & Ground Fault Protection of Multiple Generator Instalation WG SC. Distributed Energy Resources ESC. ESC. PSEC Session 3 ROOm: King George Sth Floor Session Organizer Sergio Panelta. 1-Gard Corp.
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8:30 AM 9:00 AM 9:30 AM 10:00 AM 10:30 AM 11:00 AM	9:00 AM 9:30 AM 10:00 AM 10:30 AM 11:30 AM 12:00 PM	9 9 11 11 10 1 1 1 -1	Dower System Forensic SC Power System Forensic SC Power System Education and Healthcare SC Power System Education and Healthcare SC Power System Education and Healthcare SC Power System Forensian Healthcare SC Power System Forensia Heal	14 19 17	Room: Canadian Room 8; 5th Floor SSP: Low Voltage Protection SC SSP: Medium Voltage Protection SC SSP: Medium Voltage Protection SC SSP: Medium Voltage Protection SC SSP: Communication WG Coffee OPEN Coffee OPEN Lunch On your OWN PSEC Session 2 Room: Canadian Room B 5th Floor Session Organizer Sergio Panetta, I-Gard Corp., Marcelo Valdes, GE Session Organizer Sergio Panetta, I-Gard Corp., Marcelo Valdes, GE Session Chair Marcelo Valdes, GE	20 20 11 11 11 11	SSP. Generator & Ground Fault Protection of Multiple Generator Instalation WG SSP. Generator & Ground Fault Protection of Multiple Generator Instalation WG SSC Distributed Energy Resources SS. SSC SSC SSC SSC SSC SSC SSC SSC SSC
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	Wednesday May 10, 2017				
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8:00 AM	8:30 AM	CPS	30 Power System Emergency, Stand-By Po	ower and Energy Management Systems WG 29 Power System Protection and Coordination WG	
8:30 AM	9:00 AM	CPS	30 Power System Emergency, Stand-By Po	ower and Energy Management Systems WG 29 Power System Protection and Coordination WG	
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11:30 AM	1:30 PM			vards Lunch'	
		C Session 3	PSEC Session 4	PSEC Session 5	
		om: Canadian Room A 5th Floor	Room: Canadian Room B 5th Floor	Room: King George 5th Floor	
		ssion Organizer: Wei-Jen Lee, University of Texas	t Arlington Session Organizer: Sergio Panetta, I-Ga	ard Corp. Session Organizer: Sergio Panetta, I-Gard Corp.	
		ssion Chair: Wei-Jen Lee, University of Texas at	Arlington Session Chair: Saleh Saleh; Universit	y of New Brunswick Session Chair: Sergio Panetta; I-Gard Corp.	
1:30 PM	2:10 PM	17-ESC-0111	78 2017-PSEC-0065	44 2017-PSEC-0083	
		ergy Savings in Integrated Urban Water Systems:		onic Converter for applications in PMG-Based 44 Dynamic Load Modeling for Industrial Facilities Using Template and PSS/E	
			WECSs	Load Model Structure CLOD	
		ichele Tartaglia	78 Xavier Francis St.Onge	44 Xiaodong Liang	
		17-FSC-0118	79 2017-PSFC-0069	83 2017-PSFC-0080	

			Application of Fuzzy Control to Smart Energy Charging of Electric Vehicles	7	9 The Experimental Performance of A Multi-Level AC-DC Power Electronic Converter for	83	A life loss tool for an optimal management in the operation of insulated power cables
2:10 PM	2:50 PM	69			PMG-Based WECSs		
		69	Yu-Lung Ke	7	9 Xavier Francis St.Onge	83	Giuseppe Parise
		70	2017-ESC-0119	7	4 2017-PSEC-0085	80	2017-PSEC-0073
			An Online Control Method for Improving Energy Efficiency and Reducing DC Traction	7	4 Probabilistic Generation and Transmission Planning With Renewable Energy	80	Retrofit Solution of Mitigating 480V Power System Harmonics Generated by the
			Peak Power in A Mass Rapid Transit System		Integration		Automated Guided Vehicles' (AGVs) Charging System at the Container Terminal
2:50 PM	3:30 PM	70			_		
		70	Yu-Lung Ke	7	4 Xiaodong Liang	80	Dev Paul
3:30 PM	4:00 PM				Coffee		
		71	2017-ESC-0120	8	9 2017-PSEC-0079	8:	2017-PSEC-0089
			Considering Carbon Emissions in Economic Dispatch Planning for Isolated Power	8	9 A New Way to Be a Forensic Electrical Expert	81	Low-Voltage Shore Connection (LVSC) Power System
4:00 PM	4:40 PM	71	Systems				
		71	Ming-Tse Kuo	8	9 Giuseppe Parise	81	Dev Paul
		72	2017-ESC-0121	6	2 2017-PSEC-0084	82	2017-PSEC-0060
			Single-stage Flyback AC-DC Converters of High Energy Efficiency for Commercial LED	6	2 Determine Q-V Characteristics of Grid Connected Wind Farms for Voltage Control	82	Electrical Business Continuity Management: towards a Code
4:40 PM	5:20 PM	72	Dimming Systems		Using Data Driven Analytics Approach		, -
		72	Ming-Tse Kuo	6	2 Xiaodong Liang	82	Giuseppe Parise
		0	OPEN	7	7 2017-PSEC-0064	60	2017-PSEC-0081
			0	7	7 Power Controller for PMG-Based WECSs with Battery Storage Systems	60	Common Problems in Commissioning of HRG Systems
5:20 PM	6:00 PM	0					
		0	0	7	7 Ryan McSheffery	60	Michael Pingal
6:00 PM	8:00 PM		MegaResistors Hospitality Suite (Brock Room) Second floor		••		•

		Thursday May 11, 2017
8:00 AM 12:00 AM	Tutorial 1 CSA Z462 — Workplace Electrical Safety — Upcoming 2018 Edition — Changes and What	Tutorial 2
	You Need to Know?	IEEE Fellows Program & What improves the Nomination