

Energy Safety & Control Laboratory

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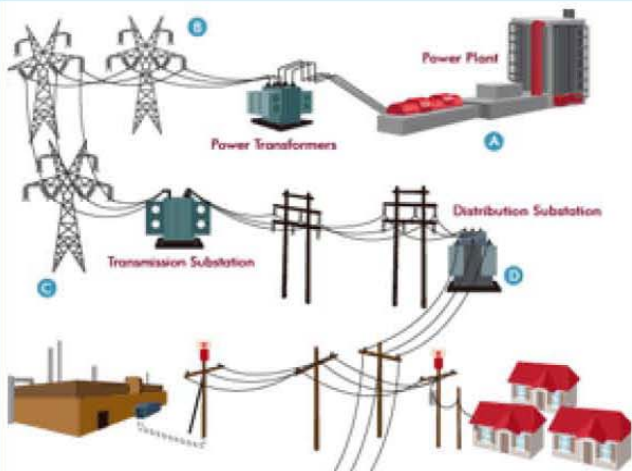
Dr. Hossam A.Gabbar is the director of the Energy Safety and Control Lab (ESCL), Associate Professor in the Faculty of Energy Systems and Nuclear Science, and cross appointed in the Faculty of Engineering and Applied Science, University of Ontario Institute of Technology (UOIT). He is also adjunct professor in McMaster University where he was invited to teach risk and reliability engineering in the graduate level. He obtained his Ph.D. degree (Safety Engineering) from the division of Industrial Innovation Sciences, Okayama University (Japan), while his undergrad degree (B.Sc.) is in the area of automatic control from Alexandria University, Egypt. He is specialized in safety and control engineering and their applications on energy, power, and process systems. He participated and led several large scale projects in Japan, Middle East, and Canada. Since 2004, he was tenured Associate Professor in the Division of Industrial Innovation Sciences at Okayama University, Japan. And from 2001, he joined Tokyo Institute of Technology, where he participated in national projects related to advanced distributed control and safety design and operation synthesis for green energy, power, and production systems. He is leading several projects for risk-based smart grid design, protection, and control and hybrid energy supply systems in Ontario, Canada. He proposed new real time simulation practices which are used for operation optimization, fault simulation, and plant protection and control. He is a Senior Member of IEEE, the founder of SMC Chapter - Hiroshima Section, the founder and chair of the technical committee on Intelligent Green Production Systems (IGPS), and Editor-in-chief of International Journal of Process Systems Engineering (IJPSE), president of RAMS Society, and editorial board of the technical committee on System of Systems and Soft Computing (IEEE SMCS). He is invited speaker in several Universities and international events, and PC / chair / co-chair of several international conferences. Dr. Gabbar is the author of more than 110 publications, including books, book chapters, patent, and papers in the area of safety and control engineering for smart grid and hybrid green energy and production systems.

Smart Grid & Energy Conservation

“Toward Sustainable Energy Supply in Qatar”

Sponsored by: Qatar University & UOIT

Interactive Pathway To Power Smart Grid



Qatar
University



Power
Industry

IEEE – SMC
(IGPS)

Risk-Based Micro Grid Design & Implementation with Energy Conservation Strategies Within Smart Grids

Date

Nov 17, 2011

Location

College of Engineering,
Qatar University,
P. O. Box 2713, Doha, Qatar
Tel : (974) 4403-4100/3

Time

11:00 a.m. to 12:00 p.m.

Speaker

Dr. Hossam A. Gabbar,
ESCL (ERC) UOIT, Canada

