



# SMART ENERGY GRID ENGINEERING



Edited by  
**HOSSAM A. GABBAR**



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**Hossam A. Gabbar**

University of Ontario Institute of Technology (UOIT), Oshawa,  
ON, Canada



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# Smart Energy Grid Engineering



*I dedicate this book to my family for their great support, inspiring and motivating me to complete the book.*



# Contributors

**N. Ayoub**

The University of Missouri, Columbia, MO, United States; Helwan University, Cairo, Egypt

**A.W. Bizuayehu**

University of Beira Interior, Covilhã, Portugal

**J.P.S. Catalão**

University of Beira Interior, Covilhã; University of Porto, Porto; University of Lisbon, Lisbon, Portugal

**M.H. Cintuglu**

Florida International University, Miami, FL, United States

**A. Eldessouky**

University of Ontario Institute of Technology (UOIT), Oshawa, ON, Canada

**A. Elsayed**

Florida International University, Miami, FL, United States

**D.Z. Fitiwi**

University of Beira Interior, Covilhã, Portugal

**H.A. Gabbar**

University of Ontario Institute of Technology (UOIT), Oshawa, ON, Canada

**Y. Koraz**

University of Ontario Institute of Technology (UOIT), Oshawa, ON, Canada

**W.J. Miller**

MaCT USA, Washington, DC, United States

**O. Mohammed**

Florida International University, Miami, FL, United States

**A.M. Othman**

University of Ontario Institute of Technology (UOIT), Oshawa, ON, Canada; Zagazig University, Zagazig, Egypt

**K.C. Ruland**

University of Siegen, Siegen, Germany

**J. Runge**

University of Ontario Institute of Technology (UOIT), Oshawa, ON, Canada

**S.F. Santos**

University of Beira Interior, Covilhã, Portugal

**J. Sassmannshausen**

University of Siegen, Siegen, Germany



**M. Shafie-khah**

University of Beira Interior, Covilhã, Portugal; University of Salerno, Salerno, Italy

**K. Sayed**

University of Ontario Institute of Technology (UOIT), Oshawa, ON, Canada; Sohag University, Sohag, Egypt

**M. Xiaoli**

China Electric Power Research Institute, Beijing, China

**T. Youssef**

Florida International University, Miami, FL, United States

**A. Zidan**

University of Ontario Institute of Technology (UOIT), Oshawa, ON, Canada; Assiut University, Assiut, Egypt

# About the Authors

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## **HOSSAM A. GABBAR**

Dr Hossam A. Gabbar is a professor in the Faculty of Energy Systems and Nuclear Science, and the Faculty of Engineering and Applied Science (cross-appointed) at the University of Ontario Institute of Technology (UOIT), as well as the director of the Energy Safety & Control Lab at UOIT. He is a world-leading scholar in the fields of smart energy grid engineering and process systems engineering, with a focus on plasma engineering, micro energy grids, and energy safety and control. He is a certified TUV functional safety engineer, a fellow of the Reliability, Availability, Maintainability, and Safety Professionals (RAMSP), and a senior member of IEEE. He is the founding chair of the Toronto Chapter of the IEEE Nuclear & Plasma Science Society, and the founding chair of the Technical Committee on Intelligent Green Production Systems at IEEE, Systems, Man, & Cybernetics Society. Dr Hossam A. Gabbar is the chair and cofounder of the Symposium on Plasma and Nuclear Systems, and the founder of the IEEE International Conference on Smart Energy Grid Engineering. He serves as the editor-in-chief of the International Journal of Process Systems Engineering. He also founded the RAMSP Society, and currently serves as its vice president of safety. Dr Hossam A. Gabbar has successfully managed the completion of 57 theses, has more than 212 academic journal publications to his name, holds several inventions/patents, has published several books, and is regularly invited as a speaker at international symposiums and conferences. His previous successfully completed projects include Modeling & Simulation of Green Hybrid Energy Production/Supply Chains With Grid Integration, Automated Control Recipe Design for Flexible Chemical Batch Production Plants, Biomass Production Chain Planning, and Plastic Production Chain With Recycling.

---

## **TAREK A. YOUSSEF**

Florida International University, USA

Tarek A. Youssef was born in Cairo, Egypt. He received his BS and MS degrees in electrical engineering from Helwan University, Cairo, Egypt. Mr Youssef has more than 10 years of experience in the communication and security field. He worked as a researcher at the Université Libre de Bruxelles, in Belgium. In 2012, He moved to The Energy Systems Research Laboratory, at Florida International University. He is currently a PhD candidate. His PhD topic is on the Co-Design of Security Aware Power System Distribution Architecture as a Cyber Physical System.

His research interests include cyber physical systems, communication, wide-area measurement, smart grid security, and real-time monitoring of power systems. Furthermore, he also has interests in artificial intelligence and signal-processing applications in the power and energy systems area.

---

**NASSER AYOUB**

Missouri University, USA; and Helwan University, Egypt

Nasser Ayoub is a tenured associate professor on the Production Technology Department Faculty of Industrial Education, at Helwan University, Egypt. Currently he is a research scientist within the Bioengineering Department of The University of Missouri, Columbia, United States. He holds a PhD in environmental engineering from the Tokyo Institute of Technology, Japan, an MSc in engineering materials from the Eindhoven University of Technology in the Netherlands, and a BSc in industrial engineering from the Production and Industrial Engineering Department of Zagazig University in Egypt. He has worked as a research associate from 2007 to 2010 at the Tokyo Institute of Technology. Dr Ayoub is specialized in systems development, smart grids infrastructure, and risk-based life cycle assessment. He has worked in several international projects in Japan, the United States, and Qatar in the area of biomass supply chains and networks, life cycle assessment, and environmental policymaking.

---

**KARL CHRISTOPH RULAND**

University of Siegen, Germany

Karl Christoph Ruland studied mathematics, physics, and computer science at the University of Bonn, Germany, receiving a diploma and PhD in mathematics. He worked in the industry for six years, before becoming a professor of data communications at the University of Applied Sciences in Aachen, Germany, in 1982. He founded the company, KryptoKom, in 1988. In 1992, he became a full professor at the University of Siegen, for data communications systems. His main research area is the integration of security and cryptographs in communications systems, mainly for real-time and industrial-oriented applications.

---

**SÉRGIO F. SANTOS**

University of Beira Interior, Portugal

Sergio F. Santos received his BSc and MSc degrees from the University of Beira Interior (UBI), Covilhã, Portugal, in 2012 and 2014, respectively. He was a researcher between 2013 and 2015 on the EU FP7 Project, SiNGULAR, at the Sustainable Energy Systems Lab of the same university. He is currently pursuing his PhD degree under the UBI/Santander Totta doctoral incentive grant in the Engineering Faculty of UBI. His research interests are in planning and operation optimization of distribution systems and smart grid technologies integration.

---

**MEHMET HAZAR CINTUGLU**

Florida International University, USA

Mehmet Hazar Cintuglu received his BS and MS degrees in electrical engineering from the Gazi University, in Ankara, Turkey, in 2008 and 2011, respectively. He is currently pursuing his PhD degree from the Energy Systems Research Laboratory in the Electrical and Computer Engineering Department of the College of Engineering and Computing at Florida International University, Miami, FL, United States. From 2009 to 2011, he was a power systems project engineer at an electric utility company in Turkey. His current research interests include agent systems, distributed control, cyber-physical systems for active distribution networks, and microgrids.

---

**WILLIAM J. MILLER**

MaCT, USA

William is the President of Maximum Control Technologies (MaCT), a Miller WJ & Associates Company, which provides international consulting and systems integration services, with offices in the United States and Canada. He is a graduate of Pennsylvania State University with a degree in Electrical Engineering and Telecommunications. He has designed, managed, and installed numerous distributed process control systems for the power, paper, chemical, and cement industries with over 35 years of experience. He was the chairman for the IEEE P2030 TF3 SG2 for the Interoperability of the Smart Grid, and is now the chairman of the joint ISO/IEC/IEEE P21451.1.4 (Sensei/IoT\*) Smart Transducer Interface for Sensors, Actuators, and Devices use of eXtensible Messaging and Presence Protocol (XMPP) for Network Device Communications and the 1<sup>st</sup> Semantic Web 3.0 standard for M2M and the Internet of things (IoT).

---

**YAHYA KORAZ**

University of Ontario Institute of Technology, Canada

Yahya Koraz obtained his BSc and MSc degrees in electrical engineering at the Engineering Faculty at the University of Mosul. He completed his PhD at the Engineering Faculty at the University of Baghdad in 2005. From 2001 to 2008 he was a lecturer at the Computer Engineering Department at the University of Mosul. He is currently a PhD candidate in electrical engineering on the Faculty of Engineering and Applied Science at the University of Ontario Institute of Technology. His current research interests are in the area of safety design and self-healing for interconnected resilient micro energy grids. He has been awarded the ICCD Student Mobility Award 2016 from Italy.

---

**AHMED M. OTHMAN**

University of Ontario Institute of Technology, Canada; and Zagazig University, Egypt

Ahmed M. Othman is an Assistant Professor in the Electrical Power and Machine Department, Faculty of Engineering, Zagazig University, in Zagazig, Egypt. He was awarded a PhD in 2011 from Aalto (Helsinki University of Technology), Finland. Dr Ahmed has published many articles in refereed international journals and conferences. He was awarded distinctions in international publishing from the Zagazig University in 2013 and 2015. The research activities of Dr Othman are concerned with the application of intelligent techniques to power systems and microgrids.

---

**XIAOLI MENG**

China Electric Power Research Institute, China

Xiaoli Meng is working in the Power Distribution Department at the China Electric Power Research Institute in Beijing, China. From 2012 to 2013, she was a visiting scholar at the Energy Safety and Control Lab (ESCL), at the University of Ontario Institute of Technology, Canada.

---

**OSAMA MOHAMED**

Florida International University, USA

Dr Osama Mohammed is a Professor of Electrical Engineering, and is the Director of the Energy Systems Research Laboratory at the Florida International University, in Miami, Florida. He received his Masters and Doctoral degrees in Electrical Engineering from Virginia Tech in 1981 and 1983, respectively. He has performed research on various topics in power and energy systems in addition to design optimization and physics-passed modeling in electric drive systems and other low-frequency environments. Professor Mohammed is a world-renowned leader in electrical energy systems. He has performed research in the area of electromagnetic signatures, wideband gap devices, power electronics, and ship power systems modeling and analysis. He has current active research projects with several Federal agencies dealing with power system analysis and operation, smart grid distributed control and interoperability, cyber physical systems, and co-design of cyber and physical components for future energy systems applications.

Dr Mohammed has published more than 450 articles in refereed journals and other IEEE refereed International conference records. He also authored a book and several book chapters. Dr Mohammed is an elected fellow of IEEE and is an elected fellow of the Applied Computational Electromagnetic Society. Professor Mohammed is the recipient of the prestigious IEEE Power and Energy Society Cyril

Veinott Electromechanical Energy Conversion Award, and the 2012 outstanding research award from Florida International University.

Dr Mohammed has lectured extensively with invited and plenary talks at major research and industrial organizations worldwide. He serves as editor of several IEEE Transactions including the IEEE Transactions on Energy Conversion, the IEEE Transactions on Smart Grid, IEEE Transactions on Magnetics, and the IEEE Transactions on Industry Application. Dr Mohammed served as the International Steering Committee chair for the IEEE International Electric Machines and Drives Conference (IEMDC), and the IEEE Biannual Conference on Electromagnetic Field Computation (CEFC). Professor Mohammed was the general chair of six major international conferences in his areas of expertise in addition to being the general chair for two future IEEE major conferences.

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## JOÃO P. S. CATALÃO

University of Beira Interior, Portugal; Faculty of Engineering of the University of Porto, Portugal; and INESC-ID, Inst. Super. Tecn., University of Lisbon, Portugal

João P. S. Catalão (M'04-SM'12) received the MSc degree from the Instituto Superior Técnico (IST), Lisbon, Portugal, in 2003, and his PhD and Habilitation for Full Professor (Agregação) from the University of Beira Interior (UBI), Covilha, Portugal, in 2007 and 2013, respectively.

Currently, he is a Professor in the Faculty of Engineering at the University of Porto (FEUP) in Porto, Portugal, and a researcher at INESC TEC, INESC-ID/IST-UL, and C-MAST/UBI. He was the primary coordinator of the EU-funded FP7 project SiNGULAR ("Smart and Sustainable Insular Electricity Grids Under Large-Scale Renewable Integration"), a 5.2-million euro project involving 11 industry partners. He has authored or coauthored more than 450 publications, including 147 journal papers, 271 conference proceedings papers, 23 book chapters, and 11 technical reports, with an *h*-index of 27 (according to Google Scholar), having supervised more than 40 post-docs, PhD, and MSc students. He is the editor of the books titled Electric Power Systems: Advanced Forecasting Techniques and Optimal Generation Scheduling and Smart and Sustainable Power Systems: Operations, Planning and Economics of Insular Electricity Grids (Boca Raton, FL, United States: CRC Press, 2012 and 2015, respectively). His research interests include power system operations and planning, hydro and thermal scheduling, wind and price forecasting, distributed renewable generation, demand response, and smart grids.

Dr Catalão is an editor of the IEEE Transactions on Smart Grid and the IEEE Transactions on Sustainable Energy, and an associate editor of the IET Renewable Power Generation. He was the guest editor-in-chief for a special section on "Real-Time Demand Response" of the IEEE Transactions on Smart Grid, published in December 2012, and the guest editor-in-chief for a special section on "Reserve and Flexibility for Handling Variability and Uncertainty of Renewable Generation" of the IEEE Transactions on Sustainable Energy, published in April 2016. He was the

recipient of the 2011 Scientific Merit Award UBI-FE/Santander Universities, and the 2012 Scientific Award UTL/Santander Totta. Also, he has won four Best Paper Awards from the IEEE Conferences.

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## **JASON RUNGE**

University of Ontario Institute of Technology, Canada

Jason Runge was born in Toronto, Canada in 1987. He received his BEng (with honors) in energy systems engineering from the University of Ontario Institute of Technology in 2014 and his MASc degree in electrical engineering from the University of Ontario Institute of Technology in 2016.

---

## **AHMED S. ELDESSOUKY**

Canadian International College, Egypt; and University of Ontario Institute of Technology, Canada

Ahmed S. Eldessouky is an assistant professor at the Canadian International College, in Egypt. From 2014 to 2015, he visited The Energy Safety and Control Lab (ESCL), at the University of Ontario Institute of Technology, Canada, where he worked on a research project concerning building energy conservation and management.

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## **JOCHEN SASSMANNSHAUSEN**

University of Siegen, Germany

Jochen Sassmannshausen was born in 1991 and started studying computer science at the University of Siegen in 2011. After receiving his bachelor's degree in 2015, he is now working on his master's thesis at the institute for data communication systems. The main focus of his work is communication and security in smart grids and the Internet of things.

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## **KHAIRY SAYED**

University of Ontario Institute of Technology, Canada; and Sohag University, Egypt

Khairy Sayed received his BS in electrical power and machines in 1997 from Assiut University, in Assiut, Egypt. He got his Masters degree at the Electrical Energy Saving Research Center in the Graduate School of Electrical Engineering at Kyungnam University in Masan, Korea, 2007. He got his PhD from Assiut University in 2013. He is working as an assistant professor in the Department of Electrical Engineering at Sohag University in Egypt. His research interests include:

Renewable energy, solar PV, wind energy, fuel cells, utility interactive power conditioners for renewable energy sources, soft switching DC/DC power converter topologies, smart energy grids, and the protection and control of smart microgrids. He has more than nine years of experience in SCADA/DMS, obtained during his work at the Middle Egypt Electricity Distribution Company as a system integrator for the control center project. Currently, Dr Khairy is a visiting scholar at the University of Ontario Institute of Technology UOIT, 2016.

---

## **MIADREZA SHAFIE-KHAH**

University of Beira Interior, Portugal and University of Salerno, Italy

Miadreza Shafie-khah (S'08, M'13) received his MSc and PhD degrees in electrical engineering from Tarbiat Modares University, Tehran, Iran, in 2008 and 2012, respectively. He received his first postdoc from the University of Beira Interior (UBI), Covilha, Portugal in 2015, while working on the EU-funded FP7 project SiNGULAR. He is currently pursuing his second postdoctoral studies at the University of Salerno in Salerno, Italy. His research interests include power market simulations, market power monitoring, power system optimization, operation of electricity markets, price forecasting, and smart grids.

---

## **AHMED T. ELSAYED**

Florida International University, USA

Ahmed T. Elsayed received his BSc and MSc degrees from the Faculty of Engineering, Benha University, Egypt in 2006 and 2010, respectively. From 2006 to 2012, he was a research/teaching assistant in the Faculty of Engineering at Benha University. Currently, he is a PhD candidate and a research assistant in the Electrical and Computer Engineering Department in the College of Engineering and Computing at Florida International University in Miami, Florida, United States. His current research interests include DC distribution architectures, multiobjective optimization, and flywheel energy storage.

---

## **ABEBE W. BIZUAYEHU**

University of Beira Interior, Portugal

Abebe W. Bizuayehu (M'15) received his MSc degree in mechanical engineering, in the specialty of industrial mechanic from José Antonio Echevarría Higher Polytechnic Institute (I.S.P.J.A.E.), Havana, Cuba, in 1989, and his PhD in Renewable Energy and Energetic Efficiency from the University of Zaragoza, Spain, in 2012. He received his postdoc from the University of Beira Interior (UBI) Covilha, Portugal in 2015, while working on the EU-funded FP7 project SiNGULAR.



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**DESTA Z. FITIWI**

University of Beira Interior, Portugal

Desta Z. Fitiwi received his BSc degree in electrical and computer engineering from Addis Ababa University in Ethiopia in 2005, and his MSc degree in electrical and electronics engineering from Universiti Teknologi Petronas in Tronoh, Malaysia, in 2009. He worked as a supervisory control and data acquisition (SCADA) and adaptation engineer on the Ethiopian Load Dispatch Center Project from 2005 to 2007. He is pursuing an Erasmus Mundus Joint Doctorate in sustainable energy technologies and strategies (SETS), jointly offered by the Comillas Pontifical University, the KTH Royal Institute of Technology of Stockholm, and the Delft University of Technology. He actively participated in the realization of four EU-funded projects. He is currently working as a researcher at the University of Beira Interior in Covilhã, Portugal. His research interests include regulation and economics of the power industry, transmission expansion planning, sustainable energy modeling and strategic planning, artificial-intelligence applications, and mathematical optimizations for power systems.

---

**ABOELSOOD ZIDAN**

University of Ontario Institute of Technology, Canada; and Assiut University, Egypt

Aboelsood A. Zidan was born in Sohag, Egypt, in 1982. He received his BSc and MSc degrees in electrical engineering from Assiut University, Egypt, in 2004 and 2007, respectively, and his PhD in electrical engineering from the University of Waterloo, in Waterloo, Ontario, Canada in 2013. He is currently an assistant professor at the Assiut University in Egypt. His research interests include distribution automation, renewable DG, distribution system planning, and smart grids.