


IEEE JEA Workshop 2017

September 12-13, 2017

Track Name: Photovoltaic Systems and Energy Storage

Session Number	3
Title	Smart Modeling of Micro-Grid PV Energy Systems
Abstract	<p>This session will focus on smart modeling of Micro-Grid Energy systems and hybrid solutions. With increasing market interest in Smart Grids and Storage, it is important to design your energy solutions based on Microgrid Optimization. This session will take the participants thru different modeling scenarios to accomplish micr-ogrid design and feasibility studies by using HOMER software simulation in real time design. The session will conclude in discussion and analysis of the simulation results.</p> <ul style="list-style-type: none">- Microgrid Optimization- Microgrid Design and Feasibility studies- HOMER Software Simulation- Real Time Design and Simulation
Special Requirement	Projector
Speaker Name	Dr. Iyad Muslih Alsartawi
Affiliation	Energy Services Center - USA
Photo	
Bio	<p>Dr. Iyad Muslih Alsartawi has a vision in the energy sector to develop, secure, improve and increase the profitability of the renewable energy business in the Jordanian and MENA market by utilizing certified engineering techniques and provide solutions for many challenges in the renewable energy market; mainly solar Photovoltaic and storage technology.</p> <p>Dr. Iyad Alsartawi has supervised and/or directed the installation of many PV projects in Jordan. He serves as the principle energy consultant for Greater Amman Municipality in the field of PV Energy Sector. Also, he is the chair for the Energy Engineers Society /Jordan Engineers Association. He has achieved this experience by taking part in more than 100 MWp of PV systems installed/ under-construction or in tendering process in the local market for the privet and public sectors. Dr. Iyad Alsartawi is an Expert Trainer in PV sector in Jordan, he trained more than 300 mechanical and electrical engineers and technicians on PV concepts and applications in practical projects on different technologies including fixed and tacking systems.</p>