

IEEE JEA Workshop 2017

September 12-13, 2017

Track Name: Photovoltaic Systems and Energy Storage

Session Number	3
Title	Smart Modeling of MicroGrid 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-o-grid 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	Eng. Azzah Alkhalilah
Affiliation	Blue Sky for Renewable Energy - Jordan
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Bio	<p>Eng. Azzah K. Alkhalilah , Energy Project Developer & Designer and Certified trainer in Engineering she received her Master Degree in Renewable Energy / Mechanical Engineering from Jordan University and is currently working as Project Development in Blue Sky for Renewable Energy. A strong advocate for Energy and Environment, she involves her efforts in training, researching, Development and implementation solutions to save the energy and enlarge the public awareness for this issues. Her current projects include Renewable energy system design and energy saving solution as she is a certified Energy Manager and develop suitable cleaning methods for PV system.</p> <p>Eng. Azzah has her contribution in Arabic union for Specialized Women as chief of Energy & water sector/Jordan and she has her participation in scientific and social activities in Engineering committee such as JEA, AEE and many others.</p>