

5th Annual HOMER Microgrid Conference Agenda

Monday, September 18, 2017 - Day 1

- 8:00 am - 9:00 am **Registration and Continental Breakfast**
- 9:00 am - 9:30 am **Welcome: Dr. Peter Lilienthal**, CEO, HOMER Energy
"Microgrid Lessons from the Global Market"
- 9:30 am – 9:40 am **Keynote: Bob Stojanovic**, Director of Microgrids in North America, ABB
"Microgrids: Enabling and Optimizing Distributed Generation, from Remote Villages to the Modern Macrogrid"
- 9:40 am – 10:10 am **Keynote: Karl R. Rábago**, Executive Director, Pace Energy and Climate Center
"Microgrids and Reforming our Energy Vision: The NY Perspective"
- 10:10 am – 10:30 am **Adam Forni**, Senior Research Analyst, Navigant Research
Market Assessment:
"Natural Gas in Microgrids: Prime Movers Vital to Market Success"
- 10:30 am – 11:00 am **Coffee and Networking Break**
- 11:00 am – 12:30 pm **Innovative Controls**

 Alex DeBroe, CEO, Xant &
 Steve Drouilhet, CEO, Sustainable Power System
 "The Power Tower: An Autonomous Rural Electrification Hub"

 Nikola Milivojevic, PhD, CTO, SunTech Drive
 "New Solar Technology that Improves Operation of Microgrid's AC Motor Loads"

 Eunice Ntobedzi, Innovator, EMPowered FinTech API/Service;
 Director, Sandico (Pty) Botswana, an Energy Service Company
 "We Can Revolutionize Renewable Energy Funding in Africa"
- 12:30 pm – 2:00 pm **Lunch**
- 2:00 pm – 3:30 pm **On-Grid Case Studies**

 Eric Martinot, Director of the Global Initiative, Distributed and Local Energy (DALE)
 "Micro-Grids and Distributed Energy in China: Business, Policy, and Planning Models for Scale-Up"

 Elad Shaviv, CEO, NakiTech
 CEO of Israel Smart Energy Association
 Board Member for Microgrid Israel
 "Redefining ROI with Improved Control of Existing Assets"

 Rick Winter, President & CEO, Uni Energy Technologies (UET)
 "Enabling PV as the Primary Energy Source in MW-Scale Microgrids"

 Sandra Vanderstoep, Project Manager, PVI Construction and Maintenance
 "Crossing the Chasm to Market Adoption"

Jim Dodenhoff, Regional Business Development Director, West at IPERC
*"Unlocking and Delivering Value: How a Distributed Microgrid Control System
Manages Multiple Use Cases and Contingencies"*

3:30 pm – 4:00 pm **Coffee and Networking Break**

4:00 pm – 5:30pm **Pending, To Be Announced**

5:30 pm – 7:00 pm **Reception**

Tuesday, September 19, 2017 - Day 2

8:00 am – 9:00 am **Registration and Continental Breakfast**

9:00 am – 9:30 am **Keynote: Cathy Zoi**, Co-founder and President of ODYSSEY
"Meeting the Challenges of Cost-effective Energy Access"

9:30 am – 10:30 am **Finance Panel Discussion**

Mark Crowdis (Moderator), Partner and Co-Founder, 127 Energy

Marc Lopata, President, Aziumuth Energy
"HOMER Does Sales and Financial Engineering"

Alexia Kelly, CEO, Electric Capital Management
And Managing Advisor at Allotrope Partners

Ali Amirali, Senior Vice President, Starwood Energy Group

10:30 am – 11:00 am **Coffee and Networking Break**

11:00 am – 12:30 pm **Alaska Panel Discussion:**
"Microgrids' First Frontier: Lessons from 20 years of Hybrid Microgrids"

Video Introduction by **Senator Lisa Murkowski**

Ian Baring Gould (Moderator), Technology Deployment Manager, NREL

Nathan Adams, Director of Technology and Business Development, Microgrids
and Renewable Automation, ABB

12:30 pm – 2:00 pm **Lunch**

2:00 pm – 3:30 pm **Islands Session**

Kaitlyn Bunker, Ph.D, Manager, Rocky Mountain Institute, Island Energy Program
&

Owen Lewis, Operations Manager, Rocky Mountain Institute, Island Energy
Program

Philippines:

Mickey Ingles, Title TBD, World Water & Solar

*"Integrated Water-Electricity Microgrid Planning in the Philippines using HOMER
Pro. A Five Island Microgrid Case Study"*

Pacific Islands:

Herbert Wade, Independent Energy Consultant, Pacific Island Governments and Utilities

"Rural Electrification by Solar PV Mini-Grids in the Pacific Islands"

3:30 pm – 4:00 pm

Coffee and Networking Break

4:00 pm – 5:30 pm

Off-Grid Case Studies

Hiwot Digafe Berihun, Assistant Professor, Jimma University

"Life Cycle Energy Analysis on Microgrid System for Sustainability: A Case Study on the Microgrid Power Plant at Adama Town, Ethiopia (2016)"

Samuel Babalola, Student, Pan African University Institute of Water and Energy Sciences (including Climate Change) - (PAUWES)

"Design & Optimization of Off-Grid Solar PV/Diesel Hybrid Power System for Remote Micro Base Transceiver Stations - In Nigeria"

Drew Lebowitz, VP of Operations, Sigora Haiti

"Moun yo swaf Kouran/"People are thirsty for power" - A Case Study of Sigora Haiti"

Paul Nkumbula, Project Coordinator, Mpana Solar Mini Grid Project, Zambia

"Discovering the True Potential of Deploying Microgrids in Rural Off-Grid Markets"

5:30 pm – 7:00 pm

Reception