

ADVISORY BOARD TRACK F



This Track provides presentations on Renewable Energy technologies and strategies, including, solar, PV, wind, Nuclear, waste-to-energy, biogas, biomass, biodiesel, financing, and development case studies for peak shaving and FIT programs.

Monday | 1PM - 3PM

F1. RENEWABLE ENERGY

- F1.1 ECONOMIC AND SOCIAL ASPECTS OF OPERATING A COMMERCIAL WIND FARM**
Hal Falls, Commercial Manager, Miaoli Wind Company
- F1.2 NEAR-TOTAL DECARBONIZATION: GLOBAL CLIMATE CHANGE INCLUDE H2, NH3 FUEL**
Bill Leighty, Director, The Leighty Foundation
- F1.3 LIFECYCLE OF A RENEWABLE ENERGY PROJECTS DEVELOPMENT**
Rob Bates, Senior Project Scientist, NTH Consultants, Ltd.
- F1.4 CON EDISON CASE STUDY: HOW FUEL CELLS SOLVE DEMAND GROWTH CHALLENGES**
Asim Hussain, VP, Customer Experience, Bloom Energy
- F1.5 RENEWABLE ENERGY IN THE UTILITY AND TRANSPORT SPACE**
Rob Threlkeld, Global Manager-Renewable Energy, GM

Monday | 3:30PM - 5:30PM

F2. RENEWABLE ENERGY PROJECT DEVELOPMENT

Tuesday | 7:30AM - 9:30AM

F3. RENEWABLE ENERGY & MICROGRID

- F3.1 BEST PRACTICES AT UC SAN DIEGO'S MICROGRID W/ 150 ADVANCED EVCHARGERS**
Byron Washom, Director, Strategic Energy Initiatives, UC San Diego
- F3.2 MICROGRIDS USING ONSITE RENWABLES - RESILIENT SUSTAINABILITY**
Alden Hathaway, SVP Business Development, Sterling Energy Assets
- F3.3 SIZING A SOLAR MICROGRID FOR AN INDIAN VILLAGE USING OPTIMIZATION**
Lalitha Mahalingam, Analyst, Reconnect Energy; Jaideep Prabhu, University of Cambridge
- F3.4 WHAT ROLE WILL DIESEL GENERATOR SETS PLAY IN FUTURE ENERGY SYSTEMS?**
Iain Meager, Technology Analyst, IDTechEx



Tuesday | 10AM - 12PM

F4. GHG & GREEN PROJECTS

- F4.1 GROW MARKET SHARE WITH A PROVEN SUSTAINABILITY MESSAGING STRATEGY**
Carolyn Parrs, CEO, Mind Over Markets
- F4.2 GAS TURBINE/SOLAR ENERGY HYBRIDS FOR REDUCED CO2 ENERGY PRODUCTION**
Michael Welch, Industry Marketing Manager, Siemens Industrial Turbomachinery Ltd.
- F4.3 MONITORING METHANE EMISSIONS AT THE SOURCE FROM SPACE**
Jean-Francois Gauthier, Director, Business Development, GHGSat; Stephane Germain

Tuesday | 1PM - 3PM

F5. WIND AND NUCLEAR

- F5.1 THE POWER GENERATION TECHNOLOGIES OF THE FUTURE**
Daniel Mussatti, Senior Economist, U.S. Nuclear Regulatory Commission
- F5.2 PREPARING FOR OFFSHORE WIND DEVELOPMENT IN THE U.S.**
William Stark, Vice President - Environmental Services, leidos

Tuesday | 3:30PM - 5:30PM

F6. SOLAR & PV

- F6.1 PREPARATION OF TiO2 ELECTRON TRANSPORT LAYERS FOR PEROVSKITE SC**
H. Paul Wang, Professor, National Cheng Kung University; W.A. Chou, J. Wang, P.J. Mo
- F6.2 SUSTAINABLE FUEL PRODUCTION BY SUNLIGHT**
Yiyou Wang, Postdoctoral Research Assoc., University College London; Junwang Tang



Wednesday | 7:30AM - 9:30AM

F7. HYDRO, GEOTHERMAL, & RENEWABLES

- F7.1 MAXIMUM GEOTHERMAL HEAT HARVESTING VIA DOWNHOLE LOOP CIRCULATION**
Robert Pilko, Director, Blade Energy Partners; Walt Kolbe, Geothermic Solutions LLC
- F7.2 THE END OF BIG IRON: HOW WIND AND SOLAR BECAME CHEAPER THAN HYDRO**
Eric Shierman, Research Assoc., McCullough Research; Zachary Campbell, Louis Bengtson
- F7.3 DESIGN OF A SUSTAINABLE MICRO HYDRO PLANT IN A CALI, COLOMBIA**
Dr. Jose Luis Ramirez, Pontificia Universidad Javeriana; Laura Moreno, David Meza, Sebastian Juri
- F7.4 OPPORTUNITIES FOR GEOTHERMAL RESOURCES IN THE INTEGRATED RESOURCE PLANNING PROCEEDING**
Luisa Elkins, Senior Associate, Procopio, Cory, Hargreaves & Savitch
- F7.5 RAMPING PERFORMANCE OF A GIGAWATT HYDRO COMPLEX**
Roger Clarke-Johnson, Western Region Manager, American Governor Company

Wednesday | 10AM - 12PM

F8. RENEWABLE ENERGY

