

ADVISORY BOARD



This Track provides presentations on current technologies and strategies, concerning energy storage, batteries, charging, EV, and PHEV

Monday | 1PM - 3PM

J1. EV CHARGING HYBRID & FLEETS



J1.1 HYBRIDIZATION OF COMMUTER PASSENGER RAIL

Dave Cook, CTO, Rail Propulsion Systems



J1.2 ELECTRIFYING FLEETS: CAN IT BE DONE?

CO-CHAIR - Glenn Carver, VP of Sales, Green4U Technologies, Inc.; Tim Echols, State of Georgia



J1.3 LARGE BATTERY ENERGY STORAGE: STATIONARY AND V2G

Paul Scott, VP - Advanced Technologies, TransPower; Joshua Goldman



J1.4 MODELING ENERGY- SAVING FREIGHT DELIVERY SCENARIOS

Amy Moore, Postdoctoral Research Associate, Oak Ridge National Laboratory



J1.5 EV TO GRID INTEGRATION - HOW IT WORKS. WHY IT MATTERS.

Preston Roper, Chief Marketing & Operating Officer, eMotorWerks



J1.6 DRIVE ON SUNSHINE WITH ENVISION SOLAR'S EV ARC

Lucia Asbury, Marketing Manager, Envision Solar

Monday | 3:30PM - 5:30PM

J2. BATTERY, ENERGY STORAGE & TRANSPORTATION



J2.1 HEAVY RAIL WAYSIDE ENERGY STORAGE SYSTEMS FOR PASSENGER AND FREIGHT

Brian Yanity, Research Engineer, Rail Propulsion Systems



J2.2 ELIMINATING THE HARM OF BUNDLED-COST OR BUNDLED-BENEFIT CAR PARKING

CO-CHAIR - Michael Bullock, Transportation Advisor, Evolved Wireless, Inc.



J2.3 OPTIMIZING POWER PLANTS USING ENERGY STORAGE SYSTEMS

Dalia El Tawy, Director, Thermal Power Solutions, Siemens Energy Inc.



J2.4 LITHIUM ION BATTERY SAFETY MONITORING

Steve Cummings, Sr. Applications Engineer, Nexceris; Nick Frank, Scott Swartz, William Dawson



J2.5 ROLLING ENERGY STORAGE-ELECTRIC VEHICLES * CHARGING

Kevin Wood, Transportation Specialist, Center for Sustainable Energy



J2.6 HIGH UTILIZATION LOCAL ACCESS, (HULA) DEPLOYING THE TRANSPORTATION AS A SERVICE MODEL

Peder Norby, and Angus Clark, CEO HulaCar,



J2.7 ELECTRIFYING THE FUTURE: ELECTRIC VEHICLE CHARGING INFRASTRUCTURE

Nicole Lewandowski, Sales Manager, SemiConnect

TRACK | J | BATTERY & ENERGY STORAGE

ROOM 10

Tuesday | 7:30AM - 9:30AM

J3. ENERGY STORAGE SYSTEMS



J3.1 IMPLICATIONS DUE TO THE ABSENCE OF USE CASE TESTING STANDARDS

Cory Schaeffer, Senior Consultant, Leidos Engineering



J3.2 THE VALUE OF OPTIONALITY IN DEPLOYING GRID STORAGE

Co-Chair - Max Henrion, CEO, Lumina Decision Systems; Kimberlyl Mullins



J3.4 RECENT ENERGY STORAGE PROJECTS COMPLETED AT SOUTHERN CALIF. EDISON

Jenifer Lee, Principal Manager, Emerging Technology & Valuation (ET&V), Southern California Edison



J3.5 PLANNING FOR INTELLIGENT DISPATCH OF ESS

John H. Holmes, Industry Alliance Officer, University of California San Diego



J3.6 SOLAR BATTERY PACK - DEMAND SIDE MANAGEMENT PROGRAM

Jimmy Kim, CEO, SolarBox®, Irvine, Ca

Tuesday | 10AM - 12PM

J4. BATTERY PACK DSM GRID & STORAGE



J4.1 CHALLENGES IN LIB MATERIAL DEVELOPMENT FOR ENERGY STORAGE APPLICATIONS

CO-CHAIR - Dee Strand, Chief Scientific Officer, Wildcat Discovery Technologies



J4.2 OPERATIONAL CHANGES ON LIFE AND PERFORMANCE

Taylor Kelly, Director of Energy Storage, Intertek



J4.3 MODELING AND EVALUATING HYBRID SOLAR-HYDROGEN FUEL CELLS

Ehsan Kamel, Assistant Professor, New York Institute of Technology; Nicolas Vizcaino



J4.4 DEPLOYMENT OF EOS' ZNYTH BATTERY & REAPING ECONOMIC BENEFITS IN CA

Philippe Bouchard, SVP, Business Development & Marketing, Eos Energy Storage



J4.5 EV CHARGING STATIONS IN SAN DIEGO BUILDINGS

David Gatcha, Relations Ambassador/Multifamily Properties, Verdani Partners



J4.6 TESLA POWER WALL - FEASIBILITY WITH DEMAND CHANGES

John Perkins, Perk Solar

Tuesday | 1PM - 3PM

J5. EV, STORAGE & ONSITE POWER



J5.1 MAINTAINING SYSTEM VOLTAGE WITH BATTERY STORAGE

Ashley Johnson, Business Development Director, GP Strategies; Gary Tindall, AES Corporation; Craig Dalziel



J5.2 ENERGY GENERATION AND STORAGE USING FLOATING PV PLANT ON LAKE MEAD

CO-CHAIR - Ehsan Kamel, Assistant Professor, New York Institute of Technology; Peter Baron



J5.3 TRUE LONG DURATION ENERGY STORAGE

Matthew Barnett, Business Development Director, Highview Power



J5.4 C-FREE HYDROGEN FUEL EFFICIENCY STORED AND DELIVERED FOR TRANSPORT

Bill Leighty, Director, The Leighty Foundation; Jack Swearengen, David White, Matthew Kern, WindToGreen, LLC



J5.5 LINKER-CONTROLLED POLYMERIC PHOTOCATALYST FOR HIGHLY EFFICIENT HYDROGEN

Yiou Wang, PhD Student, University College London



J5.6 ENABLING LARGE SCALE RENEWABLES IN THE WESTERN U.S.

Robert Schulte, Principal, Schulte Associates; Fredric Fletcher

J6. ENERGY STORAGE TECHNOLOGIES



J6.1 ENERGY STORAGE < \$ 1.00 / KWH CAPEX: HYDROGEN & AMMONIA FUELS
CO-CHAIR - Bill Leighty, Director, The Leighty Foundation



J6.2 LIFE AND SAFETY OF LITHIUM-ION
 Taylor Kelly, Director of Energy Storage, Intertek

Willow Springs
 Water Bank

J6.3 ENERGY STORAGE AT GROUNDWATER BANKS
 Mark Beuhler, General Manager, Willow Springs Water Bank; Lon W. House, Water and Energy Consulting



J6.4 HYDROGEN AS ENERGY STORAGE MEDIUM AND FUEL FOR SIGT
 Joshua Partheepan, Assistant Professor, West Texas A&M University, Emily Hunt



J6.5 ECONOMIC DISPATCH OF LIQUID AIR POWER & STORAGE
 William Conlon, President, Pintail Power LLC;

J6.6 INCREASE GRID RESILIENCY AND COMBAT EXPENSIVE PEAK DEMAND CHARGES
 Carl Mansfield, General Manager & Founder, Sharp's Energy Systems and Services Group

Workshop 3 - Room 3: **Fundamentals and Practical Aspects of Waste Heat Recovery** **Wednesday March 7, 2018 (7:30 to 4 pm)**

Clement Joly, SoffinWay
 Email: Clement.joly@soffinway.com
 Phone: 316-680-0839



This workshop will provide engineers working in the energy and utility space with a better understanding of what waste heat recovery systems are in the context of nuclear, fossil and renewable energies. The workshop will cover everything from assessment, opportunities, development and challenges for waste to energy processes to fluid properties and selection while diving into thermodynamic cycles and design of waste heat recovery system components using both theoretical and real-life examples.

TO REGISTER FOR THIS WORKSHOP

CONTACT : info@euec.com

COST \$300 for EUEC registrants