

F1. RE PROJECT MANAGEMENT, ENERGY STORAGE & SUSTAINABILITY



F1.1 EXPLORING STEP UP TRANSFORMER CHALLENGES TO ACCOMMODATE PV AND STORAGE

Jaisen Mody, Consultant, JSS Consulting LLC.

JSS Consulting LLC



F1.2 GRIDSCAPE'S RENEWABLE MICROGRID AND EV CHARGING PROJECTS AND SOLUTIONS

Alok Singhanian, Partner, Gridscape Solutions



F1.3 ENERGY STORAGE - NEW CODES & STANDARDS

James Trudeau, Global Business Development Manager, UL LLC.



F1.4 CALIFORNIA'S DILEMMA: REBUILD GRID OR HYDROGEN & AMMONIA PIPELINES ?

Bill Leighty, Director, Alaska Applied Sciences, Inc.

Alaska Applied Sciences, Inc.

F2. RE ENERGY STORAGE



F2.1 ECONOMICAL UNDERGROUND PUMPED STORAGE DEVELOPMENT USING TBMS

Douglas Spaulding, President, Nelson Energy LLC.



F2.2 LONG DURATION ENERGY STORAGE - WHAT'S AVAILABLE?

Patricia Scroggin-Wicker, Business Manager, Burns & McDonnell



F2.3 STATE SITING REGULATION OF ENERGY STORAGE RESOURCES

Andy Flavin, Associate, Troutman Sanders LLP.



F2.4 FINANCING RENEWABLE ENERGY AND STORAGE PROJECTS

Noah Pollack, Partner, Norton Rose Fulbright



F3. SMARTGRID & MICROGRID



F3.1 ENERGY CONGESTION? WE CAN FIX THAT -- EASY!

Brian Keane, President, SmartPower



F3.2 MICROGRIDS FOR HURRICANE PRONE AREAS

Sercan Teleke, Senior Specialist, Eaton



F3.3 ELECTRIC GRID & RENEWABLE ENERGY. MARRIAGE OR LIFELONG FRENEMIES?

Nathan Goodman, CEO, Hamer Environmental



F3.4 COMMUNITY MICROGRIDS IN PUERTO RICO

Kyle Bolger, Senior Technical Trainer, Blue Planet Energy



F3.5 USING DATA AND ANALYTICS TO SOLVE DER CHALLENGES

John Dirkman, Vice President Product Management, Nexant



F4. WIND, SOLAR, PV, & NUCLEAR

Miaoli Wind Company

F4.1 ECONOMIC AND SOCIAL ASPECTS OF OPERATING A COMMERCIAL WIND FARM

Hal Falls, Commercial Manager, Miaoli Wind Company



F4.2 ZERO TO ONE AND THE ELECTRIC GRID

Mark Hauenstein, Partner, UC Won



F4.3 ENVIRONMENTAL REVIEW FOR NRC SUBSEQUENT LICENSE RENEWAL

Russell Light, Environmental Consultant, Sargent & Lundy, LLC.



F4.4 ULTRA-COMPACT RESIDENTIAL SOLAR AND ENERGY STORAGE SYSTEM

Jason Katcha, President, Present Power Systems, LLC.



F4.5 ECONOMIC ANALYSIS OF TURBOEXPANDERS FOR NATURAL GAS PRESSURE LETDOWN

Freddie Sarhan, Vice President of Business Development, Calnetix Technologies



F5. RENEWABLES & ENERGY STORAGE



F5.1 THE EFFECT OF RENEWABLES ON FOSSIL FUEL-FIRED GENERATION

Scott Osbourn, Principal, Trinity Consultants



F5.2 CHALLENGES / OPPORTUNITIES: DERS FOR UTILITIES, CUSTOMERS, AND THE ENVIRONMENT

Walker Wright, Vice President of Policy, ENGIE Storage, ENGIE North America



F5.3 ENERGY-EFFICIENT PRACTICES FOR IRAQ'S HYDROELECTRIC POWER PLANT

Kamil Khalaf, Master's Candidate in Engineering Management, The University of Arizona, Systems and Industrial Engineering



F5.4 THERMAL ENERGY STORAGE TECHNOLOGY FOR THE APPLICATION IN POWER SYSTEMS

Mario Magaldi, Magaldi Technologies



F5.5 ENERGY STORAGE TECHNOLOGY REVIEW AND UPDATE

Jason Barmann, Energy Storage Applications Engineer, Burns & McDonnell



F6. PV, SOLAR, SUSTAINABLE RE, GREEN PROJECTS

F6.1 SOLAR PV REDEVELOPMENT FOR DECOMMISSIONED COAL PLANTS

Julianna Crumlish, Environmental Consultant, Sargent & Lundy, LLC.



F6.2 CHALLENGES, BENEFITS AND RECOMMENDATIONS FOR PV PREDICTIVE MAINTENANCE

Lisa Bosman, Assistant Professor, Purdue University



F6.3 DEVELOPING A SUSTAINABILITY TOOL FOR CAL STATE LA

Arezoo Khodayari, Assistant Professor, California State University, Los Angeles



F6.4 LOCATIONAL DRIVERS FOR UTILITY-SCALE SOLAR PV FARMS

Gilbert Michaud, Assistant Professor of Practice, Ohio University



F6.5 DEREGULATED ELECTRICITY SUPPLY: RISK MANAGEMENT STRATEGIES & SENSIBLE SUSTAINABILITY

Nicholas Zanrosso, Sales Representative, Calpine Energy Solutions, LLC.

