

**J1. CHARGING & TRANSPORTATION**

**J1.1 DEPARTMENT OF ENERGY'S WORKPLACE CHARGING CHALLENGE**  
**Co-Chair** - Carrie Giles, Manager, ICF International



**J1.2 CLIMATE-STABILIZING, CALIFORNIA LIGHT-DUTY VEHICLE REQS & ARB GOALS**  
**Co-Chair** - Mike Bullock, Transportation Committee Chair, Sierra Club



**J1.3 SAFETY AS A SERVICE: INNOVATIONS IN CLOUD-BASED VIDEO**  
 Blake Gasca, CEO, MuHu



**J1.4 HYBRIDIZATION OF INTERCITY PASSENGER RAIL**  
 Dave Cook, CTI, Rail Propulsion Systems



**J1.5 A NEW FUELING NETWORK - CHALLENGES, OPPORTUNITIES AND APPLICATIONS**  
 Michael Jones, Vice President Sales, NA West, ChargePoint



**J2. EV & PHEV**

**J2.1 ELECTRIC VEHICLES: THE KEY TO ENERGY INDEPENDENCE AND SECURITY**  
**Co-Chair** - Alex Wong, Sr. Structure & Pricing Analyst, The Energy Authority; Enes Hosgor, EEme



**J2.2 PLUG-IN HYBRID VEHICLE IMPROVEMENT WITH COMBINED OF BATTERY WITH DLCAP**  
 Toshihiko Furukawa, Senior Manger, United Chemi-Con; Naoki Akiba, Takahiro Kikuta & Shin Watanabe Nippon Chemi-Con Corp



JRP Charge Consulting

**J2.3 "EMPOWER THE PEOPLE" - EV CHARGING TOOLKIT FOR APARTMENTS AND CONDOS**  
 Joel Pointon, Principal, JRP Charge Consulting



**J2.4 ENERGY STORAGE & MGMT FOR TRANSPORTATION & STATIONARY ENERGY USE**  
 Andrew Frank, CTO, Efficient Drivetrains Inc.



**J2.5 EV TO GRID INTEGRATION - HOW IT WORKS? WHY IT MATTERS?**  
 Chris Neff, Director of Marketing, eMotorWerks; Val Miftakhov



**J2.6 NAVIGATING THE CONNECTED LANDSCAPE IN ELECTRIC VEHICLES**  
**Session Sponsor & Co-Chair** - Safiyah Khan, Product Mkt Mgr., CLEAResult; Thor Hinckley

**J3. BATTERY & STORAGE SYSTEMS**

**J3.1 ENERGY STORAGE AND AUTOMATED DEMAND RESPONSE**  
**Co-Chair** - Barry Haaser, Managing Director, OpenADR Alliance



**J3.2 GRID SCALE ENERGY STORAGE PROSPECTS AT ISO/RTO**  
**Co-Chair** - Rao Konidena, Principal Advisor, Midcontinent ISO



**J3.3 FUELING THE ENERGY STORAGE REVOLUTION**  
 Andrew Miller, Analyst, Benchmark Mineral Intelligence



**J3.4 IMPACT OF ELECTRIC VEHICLES ON COMMERCIAL DISTRIBUTION SYSTEMS**  
 Sungwoo Bae, Assistant Professor, Yeungnam University; M. Arias, J. Kim & S. Jeon



**J4. BATTERY & STORAGE**



**J4.1 RISK ASSESSMENTS FOR BATTERY STORAGE SITES**  
**Co-Chair** - Jane Besch, Principal, Geosyntec; Dr. Eric Peterson, MMI Engineering



**J4.2 OPTIMIZING THE DESIGN OF TURNKEY SOLUTIONS**  
 Mike Tripodi, Principal Engineer, Girtz Industries; Brent Beissler



**J4.3 ASSURANCE IN ENERGY STORAGE SYSTEMS: IDENTIFYING AND MINIMIZING RISK**  
 Haiwen (Howard) Liu, Sr. Staff Engineer/Engineering Team Lead, Intertek Testing Services NA, Inc.; Brad Affeldt



**J4.4 BATTERY SYSTEM DEVELOPMENT: ADDRESSING KEY TOPICS IN TERMS OF SAFETY**  
**Co-Chair** - Greg Maguire, Founder & VP of Sales & Marketing, Adara Power; Neil Maguire



**J4.5 FREQUENCY REGULATION ENERGY STORAGE SYSTEM IN KOREA**  
 David Nickerson, Director of Business Development, LSIS Co., Ltd.; Joowon Yoon

**J5. BACK-UP POWER & ENERGY STORAGE**



**J5.1 ENERGY STORAGE APPLICATIONS IN COGENERATION POWER PLANTS**  
**Co-Chair** - Joel Wilson, Senior Engineering Manager, MMR Power Solutions



**J5.2 MEDIUM VOLTAGE HEATING SYSTEMS ENABLE THERMAL ENERGY STORAGE SOLUTIONS**  
 David Taylor, Energy Market Sales Manager - Americas, Chromalox



**J5.3 MODULAR LNG: ALTERNATIVE BACK-UP ENERGY SUPPLY FOR POWER GENERATORS**  
**Co-Chair** - Michael Nicoloro, Senior VP, Sanborn, Head & Associates; Joan Fontaine



**J5.4 DESIGN AND CONTROL OF AN INTERLEAVED POWER CONVERTER**  
 Woonki Na, Assistant Professor, Cal St Univ-Fresno; Min-Keuk Kim, KDSYSTEM; Joonghoon Kim, Chungnam National University

**J6. ENERGY STORAGE TECHNOLOGY**



**J6.1 JCESR - A NEW PARADIGM FOR ENERGY STORAGE RESEARCH**  
 Devin Hodge, Deputy Director for Operations, Argonne National Laboratory



**J6.2 GWH ENERGY STORAGE AT < \$ 1.00/KWH CAPEX: HYDROGEN & AMMONIA FUELS**  
**Co-Chair** - Bill Leighty, Director, The Leighty Foundation



**J6.3 VANADIUM FLOW BATTERY - LONG TERM ENERGY STORAGE ASSET**  
 Matthew Maiers, Business Development - North America, Gildemeister Energy Storage



**J6.4 EARLY STAGE CAPITAL FOR DISRUPTIVE ENERGY**  
**Co-Chair** - Marilyn Waite, Senior Manager, Village Capital