

Monday | 1PM - 3PM

J1. TE, ELECTRIC UTILITIES & EV CHARGING

J1.1 CLEAN ENERGY PATHWAY EFFORTS IN THE PORT OF LONG BEACH
Damon Hannaman, Sr. Advisor, Key Accounts, Southern California Edison



J1.2 ELECTRIC COMPANIES ACCELERATING TRANSPORTATION ELECTRIFICATION
Co-Chair - Kellen Scheffer, Sr. Manager, Sustainable Technology, Edison Electric Institute



J1.3 THE UTILITIES POSITIVE IMPACT ON THE EV MARKET
Brittany Syz, Director of Clean Transportation, SDG&E

J1.4 REGULATORY CHALLENGES IN GUAM'S POWER GENERATION
Co-Chair - Dr. Filomena Cantoria, Commissioner, Guam Public Utilities Commission



J1.5 DESIGNING SUCCESSFUL TRANSPORT ELECTRIFICATION PROGRAMS FOR UTILITIES
Andrew Dillon, Senior Principal, EV & DER Solutions, West Monroe Partners



J1.6 FLEET CHARGING INFRASTRUCTURE TO OPTIMIZE TOTAL COST OF OPERATIONS
Terry O'Day, Chief Strategy Officer, Executive Vice President, innogy eMobility US

Monday | 3:30PM - 6:00PM

J2. ADVANCE CLEAN TRUCKS - AFV & ZEV & FLEETS

J2.1 THE ELECTRIFICATION OF COMMERCIAL TRANSPORTATION
Co-Chair - Jim Castelaz, Founder and CEO, Motiv Power Systems



J2.2 VIABILITY OF ELECTRIC VEHICLES IN THE LOGISTIC/TRANSPORTATION INDUSTRY
Heidi Rous, Director, ESA; Jeff Caton



J2.3 IN-WHEEL ELECTRIFIED HUBS FOR TRAILERS AND TRUCKS
Caleb Lander, Product Manager - Electrification, ConMet



J2.4 MANAGING WITH ELECTRICITY
Co-Chair - Kenneth Williams, Fleet Asset Superintendent, City of Kansas City / Aviation Department



J2.5 BRIDGING THE GAP: A RADICAL NEW VISION FOR ELECTRIC TRUCKING
Tom Bartley, Founder / VP Sales and Marketing, Proensis LLC



J2.7 TROPUS ABLE - HOW DOWNSIZING TO AN ECUV CAN SAVE THOUSANDS
Jeff Esfeld, Director National Fleet Sales & Business Development, Tropus Technologies, Inc.



Tuesday | 7:30AM - 9:30AM

J3. EV, PHEV, HYBRID, FLEET SUSTAINABILITY

J3.1 PRELIMINARY ROUTING FOR A NATIONAL LABORATORY COMMUTING PROGRAM
Amy Moore, Transportation Planning Engineer, Oak Ridge National Laboratory



J3.2 LOCAL GOVERNMENT'S ROLE IN INCREASING EV ADOPTION IN SAN FRANCISCO BAY
Co-Chair - Rebecca Fisher, Staff Specialist, Bay Area Air Quality Management District



J3.3 THE ELECTRIC VEHICLE DISCOVERY CENTRE - EV MARKET TRANSFORMATION
Cara Clairman, President and CEO, Plug 'n Drive; Davorka Cvilkovic



J3.4 BIGGER MARKET THAN ELEC GRID: WIND + SOLAR HYDROGEN TRANSPORT + CHP FUEL
Co-Chair - Bill Leighty, Director, The Leighty Foundation



J3.5 FUTURE OF ELECTRIC & HYBRID-DRIVE SYSTEMS IN COMMERCIAL & OFF ROAD EQUIP.
Marilyn Tarbet, Director, New Business Development, Power Systems Research



J3.6 TOOLS AND TECHNIQUES TO SWITCH TO ELECTRIC VEHICLES RISK FREE
Alex Baker, CEO, CleanCar



Tuesday | 10AM - 12PM

J4. ULTRA CLEAN LD/MD/HD

J4.1 A MACROECONOMIC ASSESSMENT OF TRANSPORTATION ELECTRIFICATION
Edward Carr, Senior Research Analyst, Energy and Environmental Research Associates; James Winebrake, Erin Green



J4.2 DATA INSIGHTS: STAYING COMPETITIVE IN A CONNECTED VEHICLE WORLD
Gary Schmidt, Vice President of Business Solutions, Zonar



J4.3 HIGH EFFICIENCY, LOW EMISSIONS DRIVE MARKET ADOPTION OF THE OP ENGINE
Jerome Payne, Chief Operating Officer, Achates Power



J4.4 RETROFITTING CLASS 2 HYBRID VEHICLES WITH ELECTROCHEMICAL CAPACITOR
Toshihiko Furukawa, Senior Manager / Global Engineering, United Chemi-Con, Inc.



J4.5 UPCOMING CALIFORNIA ZEV REGULATIONS FOR HEAVY-DUTY VEHICLES
Craig Duehring, Air Resources Supervisor, California Air Resources Board (CARB); Paul Arneja



J4.6 CNG HYBRID ELECTRIC SUPER TRUCK DESIGN
Co-Chair - James Burns, CSO, Transportation Power, Inc.; Dr. Paul Scott



Tuesday | 1PM - 3PM

J5. UTILITY FLEET

J5.1 FIVE LESSONS FROM A DECADE OF EV FLEET MANAGEMENT
Co-Chair - Matt Stevens, VP, Electric Vehicles, Geotab



J5.2 CHARGE THE NORTH: CHARACTERIZING ELECTRIC VEHICLE CHARGING PROFILES
Eric Mallia, General Manager, FleetCarma



J5.3 ELECTRIC FLEETS: MOVING BEYOND PILOTS FOR THE REAL BENEFITS
Co-Chair - Paul Stith, Director of Strategy & Innovation, Black & Veatch



J5.4 THE ELECTRIFICATION CHECKLIST: MAKING THE RIGHT XEV DECISIONS
Jeremy Twomey, Regional Sales Manager, XL - The Fleet Electrification



J5.5 LARGE FLEET ADOPTION OF ELECTRIC PROPULSION
Michael McDonald, Sr. Director of Sustainability & Gov't Affairs, United Parcel Service (UPS)



J5.6 THE COMMERCIALIZATION OF HEAVY DUTY CLASS 6-8 TRUCKS AND BUSES
Joshua Goldman, VP Sales and Marketing, TransPower



J5.7 EV OPPORTUNITIES IN ROBUST, HIGH CAPACITY, PEOPLE MOVER APPLICATIONS
Newton Montano, VP and GM, Trams International



Tuesday | 3:30PM - 5:30PM

J6. CARB REGS, EV CHARGING PROJECTS

J6.1 VW FUNDING OPPORTUNITIES
Eric Brown, Air Pollution Specialist, California Air Resources Board (CARB); Patrick Chen



J6.2 DIVIDEND - ACCOUNT PARKING: FEASIBLE & ENFORCEABLE MITIGATION
Co-Chair - Michael Bullock, Transportation Committee Chair, Sierra Club, Evolved Wireless, Inc.



J6.3 HYBRID AND ZERO-EMISSION TRUCK AND BUS VOUCHER INCENTIVE PROJECT - HVIP
Patrick Chen, Air Pollution Specialist, California Air Resources Board



J6.4 A CASE STUDY IN COLLABORATIVE VEHICLE ELECTRIFICATION
James DeGroot, Deputy Director, Pima Association of Governments



J6.5 A CASE STUDY IN COLLABORATIVE VEHICLE ELECTRIFICATION
James DeGroot, Deputy Director, Pima Association of Governments, Regional Transportation Authority RPC



TRACK | K | BATTERY, STORAGE & CHARGING

Monday | 1PM - 3PM

K1. BATTERY, ENERGY STORAGE SYSTEMS

K1.1 BATTERY SELECTION BASED UPON CURRENT CAPACITY RATINGS IS OUTDATED
Co-Chair - Jeremy Cordray, Director, Original Equipment, NorthStar Battery



K1.2 METHODS TO MEASURE AND IMPROVE BATTERY STORAGE SYSTEMS PERFORMANCE
 Khalid Rahman, Electrical Engineer, Commonwealth Associates, Inc.



K1.3 PRACTICAL BENEFITS AND LIMITATIONS OF ENERGY STORAGE
 Carl Salas, Founding Principal, Salas O'Brien



K1.4 THE BATTERY PUZZLE - THE PATH TO ELECTRIFICATION FOR HEAVY-DUTY
 Mike Terzo, CEO & CTO, Terzo Power Systems, LLC



K1.5 ENCAPSULATOR TECHNOLOGY FOR BATTERY AND STORAGE SYSTEM PROTECTION
 Jeffrey Bonkoski, Area Manager, Encapsulator Technology Specialist, Hazard Control Technologies; Ron Lowrey



K1.6 GETTING AHEAD OF THE EV BOOM WITH INCENTIVIZED SMART-CHARGING
 Marc Monbouquette, Sr. Manager, Regulatory and Government Affairs, eMotorWerks



Monday | 3:30PM - 5:30PM

K2. EV FAST CHARGING & INFRASTRUCTURE

K2.1 HOW CUSTOMER EXPERIENCE IMPACTS UTILITY EV CHARGING PROGRAM SUCCESS
Co-Chair - April Bolduc, President, S Curve Strategies



K2.2 HOW TO STREAMLINE YOUR UTILITY EV CHARGING INSTALLATION PROCESS
 Luis Alarcon, Co-Founder & Chief Strategy Officer, C2 Group



K2.3 FAST DC CHARGING WITH MINIMUM GRID UPGRADE
 Heesoo Lee, General Manager, Energy Systems, AVM



K2.4 THE NEED FOR SPEED
 Steve Bloch, Western Regional Vice President, ABB



K2.5 CCS AS THE GLOBAL STANDARD FOR CHARGING BATTERY POWERED EVS
 Oleg Logvinov, Spokesperson, CharIN e.V. NA



K2.6 EV TRANSPORTATION CORRIDORS - ASSESSING EV FLEET INFRASTRUCTURE
 Andrew Dillon, Senior Principal, EV & DER Solutions, West Monroe Partners



Tuesday | 7:30AM - 9:30AM

K3. RESIDENTIAL & COMMERCIAL CHARGING

K3.1 ELECTRIFYING TRANSPORTATION: HOW ELECTRIC UTILITIES ARE LEADING CLEAN MOBILITY
Co-Chair - Dean Siegrist, Associate Vice President, Black & Veatch; Ben Chung, PG&E, Maryline Daviaud Lewett, Black & Veatch



K3.2 ELECTRIC FLEETS: UNDERSTANDING INFRASTRUCTURE OPTIONS
Co-Chair - Kim Okafor, Trillium EV Business Line Leader, Trillium



K3.3 A SCALABLE APPROACH TO DEPLOYMENT OF THE EV CHARGING INFRASTRUCTURE
 Oleg Logvinov, President and CEO, IoTecha



K3.4 REDUCING YOUR CHALLENGES FOR EV INFRASTRUCTURE INVESTMENT
 Patty DiNapoli, Marketing Director, Cyber Switching



K3.5 DESIGNING INCENTIVES TO ALIGN EV CHARGING WITH GRID RELIABILITY OBJECT
 Matt Owens, Business Development Executive, West Monroe Partners



TRACK | K | BATTERY, STORAGE & CHARGING

Tuesday | 10AM - 12PM

K4. BATTERY, STORAGE & CHARGING SYSTEMS

K4.1 THE SLOW FAST CHARGE: WHAT YOU GET IS ALL YOU NEED
 Scott McCalmont, Principal Engineer, Paired Power, Inc.



K4.2 EV CHARGING AND THE VEHICLE PURCHASE PROCESS: LESSONS LEARNED
Co-Chair - Dr. Ryan Bodanyi, Senior Specialist for EV Program Transparency & Evaluation, Center for Sustainable Energy (CSE); Brett Williams



K4.3 INTEGRATING ELECTRIC VEHICLE CHARGING INTO MICROGRID OPERATION
 Azhar Ul Haq, Assistant Professor, National University of Sciences & Technology; Saifullah Awan, Aqib Perwaiz



K4.4 EV CHARGING INCENTIVES USING LOW CARBON FUEL CREDITS AND BLOCKCHAIN
 Andrew Dillon, Senior Principal, West Monroe Partners; Kayvon Hosseini



K4.5 BATTERY INNOVATIONS, E-MOBILITY & SMART CITIES
 Cameron Peebles, Scientist, Wildcat Discovery Technologies; Dee Strand



Tuesday | 1PM - 3:00 PM

K5. FUEL CELLS, LI-ION, H2, BATTERIES

K5.1 THE CALIFORNIA FUEL CELL REVOLUTION
 Keith Malone, Public Affairs, California Fuel Cell Partnership; Bill Elrick



K5.2 FUEL CELL & HYDROGEN - A COMPELLING VALUE PROPOSITION FOR ZERO EMISSION
 Alan Mace, Product Development/Market Specialist, Ballard Power Systems, Inc.



K5.3 CARBON NEUTRAL LIQUID FUELS FOR TRANSPORTATION / ENERGY STORAGE
 Madhav Acharya, T2M Advisor, ARPA-E



K5.4 HYDROGEN FREIGHT IN CALIFORNIA: FUEL CELL TRUCKS IN SAN PEDRO PORTS
Co-Chair - Cory Shumaker, Development Specialist, California Hydrogen Business Council



K5.5 A FAIL-SAFE SOLUTION FOR THE SAFETY OF BATTERIES
 XiaoXiong Luo, Research Lead, Pyrophobic Systems, Ltd.



K5.6 FUEL CELL ELECTRIC TRUCKS/VEHICLES POWERED BY RENEWABLE HYDROGEN FUEL
 Rob Del Core, Managing Director, Hydrogenics USA, Inc.



Tuesday | 3:30 PM - 5:30 PM

K6. EV, BATTERY, MANUFACTURER & SUPPLY CHAIN

K6.1 A CHALLENGE OF RELIABLE CIRCUIT PROTECTION IN AUTOMOTIVE APPLICATIONS
Co-Chair - Liwu Wang, Director of Business Development, AEM Components (USA), Inc.



K6.2 IMPLEMENTING MOTOR CIRCUIT ANALYSIS DE-ENERGIZED TESTING
 William Kruger, Technical & Training Manager, ALL-TEST Pro, LLC



K6.3 SAFE CABLE MANAGEMENT
 Phil Ramos, Jr., Founder and CEO, Philatron Wire and Cable



K6.4 LEVERAGING LOCAL SUPPORT WITHIN A GLOBAL SUPPLY CHAIN
Co-Chair - Wesley Brandon, President, CTEMS, Engineering and Manufacturing Services



K6.5 ROLLING ENERGY STORAGE- ELECTRIC VEHICLES * CHARGING
 Kevin Wood, Clean Transportation Specialist, Center for Sustainable Energy (CSE)



K6.6 ALIGNING INTELLECTUAL PROPERTY STRATEGIES WITH R&D AND COMMERCIAL GOAL
 Daniel Abraham, Vice President, MPEG LA

