

11. Cross-Reference of Project Investigators, Projects, and Organizations

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<i>Page Number</i>	<i>Principal Investigator, Organization. Project Title (Session)</i>
9-15	Aaron Brooker; National Renewable Energy Laboratory. Analytical Modeling Linking the FASTSim and ADOPT Software Tools (Vehicle Analysis)
1-13	Abdullah Bazzi; Chrysler LLC. Advancing Transportation Through Vehicle Electrification - PHEV (Vehicle & System Simulation)
2-80	Ahmad Pesaran; National Renewable Energy Laboratory. Progress of Computer-Aided Engineering of Batteries (CAEBAT) (Energy Storage)
6-58	Alan Luo; USAMP. Mg Intensive Vehicle Front End Sub-structure (Light-Weight Materials)
4-212	Alexander Sappok; Filter Sensing Technologies, Inc.. Radio Frequency Diesel Particulate Filter Sensor and Controls for Advanced Low-Pressure Drop Systems to Reduce Engine Fuel Consumption (Advanced Combustion)
2-201	Ali Abouimrane; Argonne National Laboratory. Impact of Surface Coatings on LMR-NMC Materials: Evaluation and Downselect (Energy Storage)
1-128	Allan Lewis; Hyundai. Wireless Charging (Vehicle & System Simulation)
3-32	Allen Hefner; National Institute of Standards and Technology. Characterization, Modeling, and Reliability of Power Modules (Advanced Power Electronics)
1-141	Andreas Malikopoulos; Oak Ridge National Laboratory. Autonomous Intelligent Plug-in Electric Vehicles (PEVs) (Vehicle & System Simulation)
2-20	Andrew Jansen; Argonne National Laboratory. Fabricate PHEV Cells for Testing & Diagnostics (Energy Storage)
2-180	Andrew Kercher; Lawrence Berkley National Laboratory. Lithium-Bearing Mixed Polyanion (LBMP) Glasses as Cathode Materials (Energy Storage)
7-17	Andrew Wereszczak; Oak Ridge National Laboratory. Thermoelectric Mechanical Reliability (Propulsion Materials)
7-29	Andy Wereszczak; Oak Ridge National Laboratory. Improved Organic Dielectrics for Power Electronics and Electric Motors (Agreement ID:23279) (Propulsion Materials)
2-148	Anthony Burrell; Argonne National Laboratory. Addressing the Voltage Fade Issue with Lithium-Manganese-Rich Oxide Cathode Materials (Energy Storage)
1-162	Anthony Markel; National Renewable Energy Laboratory. Fast Charge Technology Adoption Challenges (Vehicle & System Simulation)
2-30	Arumugam Manthiram; University of Texas at Austin. High Capacity, High-voltage Cathode Materials for Lithium-ion Batteries (Energy Storage)

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2-72	Austen Angell; Arizona State University. Sulfone Liquids and Sulfate/Triflate Solids for High Voltage Electrolytes (Energy Storage)
2-15	Avie Judes; Johnson Controls-Saft. JCS PHEV System Development-USABC (Energy Storage)
3-61	Ayman El-Refaie; General Electric Global. Alternative High-Performance Motors with Non-Rare Earth Materials (Advanced Power Electronics)
1-70	Barney Carlson; Idaho National Laboratory. Electric Drive and Advanced Battery and Components Testbed (EDAB) (Vehicle & System Simulation)
6-37	Barney Carlson; Idaho National Laboratory. Vehicle Mass Impact on Vehicle Losses and Fuel Economy (Light-Weight Materials)
4-171	Bill Partridge; Oak Ridge National Laboratory. CRADA with Cummins on Characterization and Reduction of Combustion Variations (Advanced Combustion)
4-89	Bill Partridge; Oak Ridge National Laboratory. Cummins/ORNL-FEERC CRADA: NOx Control & Measurement Technology for Heavy-Duty Diesel Engines (Advanced Combustion)
4-47	Bill Pitz; Lawrence Livermore National Laboratory. Chemical Kinetic Models for Advanced Engine Combustion (Advanced Combustion)
5-8	Bob McCormick; National Renewable Energy Laboratory. Performance of Biofuels and Biofuel Blends (Fuels Technologies)
2-117	Brad Brodie; DENSO International America. Stand-Alone Battery Thermal Management System (Energy Storage)
5-5	Brad Zigler; National Renewable Energy Laboratory. Fuels for Advanced Combustion Engines (Fuels Technologies)
8-54	Brett Aristigui; National Energy Technology Laboratory. EV Community Readiness projects: SCAQMD (CA); University of Hawaii (Technology Integration)
2-53	Brett Lucht; University of Rhode Island. Development of Electrolytes for Lithium-ion Batteries (Energy Storage)
2-9	Brian Barnett; TIAX LLC. PEV and HEV Battery Cost Assessment (Energy Storage)
1-164	Brian Choe; SCAQMD. Zero Emission Heavy Duty Drayage Truck Demonstration (Vehicle & System Simulation)
3-114	Brian Peaslee; Magna E-Car Systems of America, Inc.. Electric Drive Component Manufacturing: Magna E-Car Systems of America, Inc. (Advanced Power Electronics)
2-183	Bryant Polzin; Argonne National Laboratory. Cell Fabrication Facility: Current Research Activities in Electrode and Cell Prototyping (Energy Storage)
3-69	Burak Ozpineci; Oak Ridge National Laboratory. Traction Drive System Modeling (Advanced Power Electronics)
7-55	C.K. Narula; Oak Ridge National Laboratory. Catalysts via First Principles (Agreement ID:10635) (Propulsion Materials)

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4-188	Chris Caylor; GMZ Energy Inc.. Nanostructured High-Temperature Bulk Thermoelectric Energy Conversion for Efficient Automotive Waste Heat Recovery (Advanced Combustion)
8-10	Chris Mi; Regents University of Michigan. Center for Electric Drive Transportation at the University of Michigan - Dearborn (Technology Integration)
1-167	Christine Smith; Houston-Galveston Area Council. Zero Emission Cargo Transport - Houston #1 (Vehicle & System Simulation)
1-169	Christine Smith; Houston-Galveston Area Council. Zero Emission Cargo Transport - Houston #2 (Vehicle & System Simulation)
2-198	Christopher Johnson; Argonne National Laboratory. Arresting VF: Theory-Guided Synthetic Approaches to Cathodes (Energy Storage)
4-38	Christopher Powell; Argonne National Laboratory. Fuel Injection and Spray Research Using X-Ray Diagnostics (Advanced Combustion)
3-44	Christopher Whaling; Synthesis Partners. Interim Update: Global Automotive Power Electronics R&D Relevant To DOE 2015 and 2020 Cost Targets (Advanced Power Electronics)
5-12	Chuck Mueller; Sandia National Laboratories. Fuels and Combustion Strategies for High-Efficiency Clean-Combustion Engines (Fuels Technologies)
4-114	Chuck Peden; Pacific Northwest National Laboratory. Deactivation Mechanisms of Base Metal/Zeolite Urea Selective Catalytic Reduction Materials, and Development of Zeolite-Based Hydrocarbon Adsorber Materials (Advanced Combustion)
4-83	Chuck Peden; Pacific Northwest National Laboratory. Enhanced High Temperature Performance of NOx Storage/Reduction (NSR) Materials (Advanced Combustion)
2-134	Chunmei Ban; National Renewable Energy Laboratory. Atomic Layer Deposition for Stabilization of Amorphous Silicon Anodes (Energy Storage)
4-99	Clay Maranville; Ford Motor Company. Thermoelectric HVAC and Thermal Comfort Enablers for Light-Duty Vehicle Applications (Advanced Combustion)
4-150	Corey Weaver; Ford Motor Company. Advanced Gasoline Turbocharged Direct Injection (GTDI) Engine Development (Advanced Combustion)
3-97	Curt Ayers; Oak Ridge National Laboratory. Electric Motor Architecture R&D (Advanced Power Electronics)
6-22	Curt Lavender; Pacific Northwest National Laboratory. Non-Rare Earth High-Performance Wrought Magnesium Alloys (Light-Weight Materials)
3-15	Cy Fujimoto; Sandia National Laboratories. Improved High Temperature Polymer Film Capacitors (Advanced Power Electronics)

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4-44	Dan Flowers; Lawrence Livermore National Laboratory. Computationally Efficient Modeling of High-Efficiency Clean Combustion Engines (Advanced Combustion)
4-96	Dan Greenbaum; Health Effects Institute. Advanced Collaborative Emissions Study (ACES) (Advanced Combustion)
2-192	Daniel Abraham; Argonne National Laboratory. Electrochemical Characterization of Voltage Fade in LMR-NMC cells (Energy Storage)
2-24	Daniel Abraham; Argonne National Laboratory. Mitigating Performance Degradation of High-Energy Lithium-Ion Cells (Energy Storage)
2-56	Daniel Scherson; Case Western Reserve University. Bifunctional Electrolytes for Lithium-ion Batteries (Energy Storage)
8-89	Darren Stevenson; National Energy Technology Laboratory. EV Community Readiness projects: South Florida Regional Planning Council; Virginia Department of Mines, Minerals and Energy (Technology Integration)
6-9	Dave Warren; Oak Ridge National Laboratory. Advanced Oxidation & Stabilization of PAN-Based Carbon Precursor Fibers (Light-Weight Materials)
6-32	Dave Warren; Oak Ridge National Laboratory. Improving Fatigue Performance of AHSS Welds (Light-Weight Materials)
6-19	Dave Warren; Oak Ridge National Laboratory. On-Line Weld NDE with IR Thermography (Light-Weight Materials)
4-50	David Carrington; Los Alamos National Laboratory. 2012 KIVA-Development (Advanced Combustion)
7-21	David J. Singh; Oak Ridge National Laboratory. Thermoelectrics Theory and Structure (Propulsion Materials)
8-65	David Kirschner; National Energy Technology Laboratory. EV Community Readiness projects: Delaware Valley Regional Planning Commission (PA); Metropolitan Energy Information Center, Inc. (KS, MO) (Technology Integration)
4-120	David Koeberlein; Cummins. Cummins SuperTruck Program - Technology and System Level Demonstration of Highly Efficient and Clean, Diesel Powered Class 8 Trucks (Advanced Combustion)
1-87	David Koeberlein; Cummins. Development and Demonstration of a Fuel-Efficient Class 8 Highway Vehicle (Vehicle & System Simulation)
2-155	David Wood; Oak Ridge National Laboratory. Overcoming Processing Cost Barriers of High-Performance Lithium-Ion Battery Electrodes (Energy Storage)
2-158	David Wood; Oak Ridge National Laboratory. Roll-to-Roll Electrode Processing and Materials NDE for Advanced Lithium Secondary Batteries (Energy Storage)
4-59	Dean Edwards; Oak Ridge National Laboratory. Accelerating Predictive Simulation of IC Engines with High Performance Computing (Advanced Combustion)

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1-156	Dileep Singh; Argonne National Laboratory. Nanofluids for Cooling Power Electronics for HEV (Vehicle & System Simulation)
2-84	Donghai Wang; Pennsylvania State University. Development of High Energy Density Lithium-Sulfur Cells (Energy Storage)
2-140	Donghai Wang; Pennsylvania State University. Synthesis and Characterization of Structured Si-Carbon Nanocomposite Anodes and Functional Polymer Binders (Energy Storage)
4-180	Doug Crane; Gentherm. Thermoelectric Waste Heat Recovery Program for Passenger Vehicles (Advanced Combustion)
3-37	Doug DeVoto; National Renewable Energy Laboratory. Reliability of Bonded Interfaces (Advanced Power Electronics)
3-47	Doug DeVoto; National Renewable Energy Laboratory. Reliability of Electrical Interconnects (Advanced Power Electronics)
4-199	Edward Keating; General Motors. High Energy Ignition and Boosting/Mixing Technology (Advanced Combustion)
6-48	Elizabeth Stephens; Pacific Northwest National Laboratory. SPR Process Simulation, Analyses, & Development for Mg Joints (Light-Weight Materials)
1-66	Eric Rask; Argonne National Laboratory. Advanced Technology Vehicle Lab Benchmarking - Level 2 (in-depth) (Vehicle & System Simulation)
1-150	Eric Rask; Argonne National Laboratory. Battery Energy Availability and Consumption during Vehicle Charging across Ambient Temperatures and Battery Temperature (conditioning) (Vehicle & System Simulation)
2-92	Erin O'Driscoll; Dow Kokam. Development of Large Format Lithium Ion Cells with Higher Energy Density (Energy Storage)
8-82	Erin Russell-Story; National Energy Technology Laboratory. EV Community Readiness projects: Clean Energy Coalition (MI); Clean Fuels Ohio (Technology Integration)
6-35	Felix Paulauskas; Oak Ridge National Laboratory. Microwave Assisted Plasma Processing of Carbon Fiber (Light-Weight Materials)
1-171	Fred Wagner; Energetics, Inc.. EV Roadmap V2.0 (Vehicle & System Simulation)
2-111	Gary Voelker; Miltec UV International. Utilization of UV or EB Curing Technology to Significantly Reduce Costs and VOCs in the Manufacture of Lithium-Ion Battery Electrodes (Energy Storage)
6-17	George Husman; Zoltek. Development and Commercialization of a Novel Low-Cost Carbon Fiber (Light-Weight Materials)

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3-49	Gilbert Moreno; National Renewable Energy Laboratory. Two-Phase Cooling R&D (Advanced Power Electronics)
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3-102	Greg Grant; Delphi Corporation. Low-Cost U.S. Manufacturing of Power Electronics for Electric Drive Vehicles (Advanced Power Electronics)
2-162	Greg Krumdick; Argonne National Laboratory. Process Development and Scale-up of Advanced Cathode Materials (Energy Storage)
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3-54	Greg Smith; General Motors, Advanced Technology Center. Next Generation Inverter (Advanced Power Electronics)
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7-25	Hua-Tay Lin; Oak Ridge National Laboratory. ORNL: Low-Cost Direct Bonded Aluminum (DBA) Substrates (Agreement ID:23278) (Propulsion Materials)
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8-25	Imtiaz Haque; Clemson University. GATE Center of Excellence in Sustainable Vehicle Systems (Technology Integration)
2-88	Ionel Stefan; Amprius. Silicon Nanostructure-based Technology for Next Generation Energy Storage (Energy Storage)
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3-25	Iver Anderson; Ames. Permanent Magnet Development for Automotive Traction Motors (Advanced Power Electronics)
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8-75	Neil Kirschner; National Energy Technology Laboratory. EV Community Readiness projects: Center for the Commercialization of Electric Technologies (TX); City of Austin, Austin Energy (TX) (Technology Integration)
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