

## List of Projects Presented but Not Reviewed

Project ID	Project Title	Principal Investigator Name	Organization
ARPAE17	A Novel Intermediate-Temperature Fuel Cell Tailored for Efficient Utilization of Methane	Meilin Liu	Georgia Tech
ARPAE18	Nanocomposite Electrodes for a Solid Acid Fuel Cell Stack Operating on Reformate	Tom Zawodzinski	Oak Ridge National Laboratory/ University of Tennessee, Knoxville
ARPAE19	Low-Temperature Solid Oxide Fuel Cells for Transformational Energy Conversion	Bryan Blackburn	Redox Power Systems
ARPAE20	Solid Acid Fuel Cell Stack for Distributed Generation Applications	Calum Chisholm	SAFCCell
ARPAE21	Fuel Cells with Dynamic Response Capability Based on Energy Storage Electrodes with Catalytic Function	Yunfeng Lu	University of California, Los Angeles
ARPAE22	A Bifunctional Ceramic Fuel Cell Energy System	Kevin Huang	University of South Carolina
ARPAE23	Development of an Intermediate-Temperature Metal-Supported Proton-Conducting Solid Oxide Fuel Cell Stack	Tianli Zhu	United Technologies Research Center (UTRC)
ARPAE24	Intermediate-Temperature Hybrid Fuel Cell System for the Conversion of Natural Gas to Electricity, Liquid Fuels, and Chemicals	Ted Krause	Argonne National Laboratory
ARPAE25	Dual-Mode Intermediate-Temperature Fuel Cell: Liquid Fuels and Electricity	Carl Willman	FuelCell Energy
ARPAE26	Intermediate-Temperature Electrogenative Cells for Flexible Cogeneration of Power and Liquid Fuel	Greg Tao	Materials and Systems Research, Inc.
BESH2020	Tailoring Hydrogen Evolution Reaction Catalysts for Operation at Specific pH Values	Bianca Ceballos	University of California, Irvine
BESH2022	Hybrid Perovskites and Non-Adiabatic Dynamics Simulations: Catching Realistic Aspects of the Charge Recombination Process	Joanna Jankowska	University of Southern California
BESH2023	Nano-Bio Systems for Light-Driven Hydrogen Production	Kara Bren	University of Rochester
BESH2024	Mechanistic Investigations on Hydrogen Catalysis by [FeFe]-Hydrogenase	David Mulder	National Renewable Energy Laboratory

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BESH2025	Reversible Conversion between CO <sub>2</sub> /H <sub>2</sub> and Formic Acid by Molecular Catalysts	Etsuko Fujita	Brookhaven National Laboratory
FC109	New Fuel Cell Membranes with Improved Durability and Performance	Michael Yandrasits	3M
FC115	Affordable, High-Performance, Intermediate-Temperature Solid Oxide Fuel Cells	Bryan Blackburn	Redox Power Systems
FC116	Smart Matrix Development for Direct Carbonate Fuel Cell	Chao-yi Yuh	FuelCell Energy
FC117	Ionomer Dispersion Impact on Polymer Electrolyte Membrane Fuel Cell and Electrolyzer Durability	Hui Xu	Giner, Inc.
FC129	Advanced Catalysts and Membrane Electrode Assemblies for Reversible Alkaline Membrane Fuel Cells	Hui Xu	Giner, Inc.
FC148	New High-Performance Water Vapor Membranes to Improve Fuel Cell Balance of Plant Efficiency and Lower Costs	Earl Wagener	Tetramer Technologies, Inc.
H2REFUEL	H2 Refuel	Darryl Pollica	SimpleFuel
MN018	Roll-to-Roll Advanced Materials Manufacturing Lab Consortium	Claus Daniel	Oak Ridge National Laboratory
PD103	High-Performance, Long-Lifetime Catalysts for Proton Exchange Membrane Electrolysis	Hui Xu	Giner, Inc.
PD118	New Metal Oxides for Efficient Hydrogen Production via Solar Water Splitting	Yanfa Yan	University of Toledo
PD119	National Science Foundation/U.S. Department of Energy Solar Hydrogen Fuel: Engineering Surfaces, Interfaces, and Bulk Materials for Unassisted Solar Photoelectrochemical Water Splitting	Tom Jaramillo	Stanford University
PD120	Accelerated Discovery of Advanced RedOx Materials for Solar Thermal Water Splitting to Produce Renewable Hydrogen	Charles Musgrave	University of Colorado Boulder
PD121	Tunable Photoanode–Photocathode–Catalyst Interface Systems for Efficient Solar Water Splitting	G. Charles Dismukes	Rutgers University

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PD123	High-Performance Platinum-Group-Metal-Free Membrane Electrode Assemblies through Control of Interfacial Processes	Katherine Ayers	Proton OnSite
PD124	Solid-Oxide-Based Electrolysis and Stack Technology with Ultra-High Electrolysis Current Density (>3A/cm <sub>2</sub> ) and Efficiency	Randy Petri	FuelCell Energy
PD148	HydroGEN: A Consortium on Advanced Water-Splitting Materials	Huyen Dinh	National Renewable Energy Laboratory
ST014	Hydrogen Sorbent Measurement Qualification and Characterization	Phil Parilla	National Renewable Energy Laboratory
ST114	Next-Generation Hydrogen Storage Vessels Enabled by Carbon Fiber Infusion with a Low-Viscosity, High-Toughness Resin System	Brian Edgecombe	Materia
ST135	HySCORE: Technical Activities at the National Institute of Standards and Technology	Thomas Gennett	National Renewable Energy Laboratory
TV038	Overview of an Integrated Research Facility for Advancing Hydrogen Infrastructure	Michael Peters	National Renewable Energy Laboratory
TV040	High-Temperature Electrolysis Test Stand	Richard Boardman	Idaho National Laboratory
TV044	Introduction to H <sub>2</sub> @Scale	Bryan Pivovar	National Renewable Energy Laboratory