Department of Energy Announces $33 Million for Energy Research Projects in Underserved Regions

Principal Investigator	Title	Institution	City	State	9-digit zip code
Gu, Xiaodan	DREAM: Data-driven Reinvigorated Advanced Membrane Discovery Platform	University of Southern Mississippi	Hattiesburg	MS	39406-0001
Chini, Gregory	Multiscale Modeling and Direct Statistical Simulation of Marine Atmospheric Boundary Layer Turbulence for Offshore Wind Energy	University of New Hampshire	Durham	NH	03824-3585
Varganov, Sergey	Quantum Dynamics of Spin-Based Molecular Systems	University of Nevada, Reno	Reno	NV	89557-0240
Sabirianov, Renat	A High-Throughput Computational and Experimental Approach to the Design of unconventional magnets	University of Nebraska at Omaha, Omaha, NE	Omaha	NE	68182-0210
Shirazi, Mariko	PHASE 3 RENEWAL: Development and Validation of Models to Assess Dynamic Response of Converter-Dominated Power Systems across Multiple Spatiotemporal Scales	University of Alaska Fairbanks	Fairbanks	AK	99775-7880
Centurion, Martin	Probing Nuclear and Electronic Dynamics in Ultrafast Ring-Conversion Molecular Reactions	University of Nebraska-Lincoln	Lincoln	NE	68583-0861
Grilli, Stephan	Field testing of active wave sensing/control system for reducing floating offshore wind turbine motions	University of Rhode Island	Kingston	RI	02881-1967
Hastings, Jeffrey	Light-Matter Interactions in Artificial Spin Lattices	University of Kentucky Research Foundation	Lexington	KY	40526-0001
Pereira da Cunha, Mauricio	Next Generation High-Temperature Harsh-Environment Sensors and Materials for Wireless Operation in Advanced Manufacturing and Energy Applications	University of Maine	Orono	ME	04469-5717
Pradhan, Nihar	Heterogeneous Integration of 2D-3D Materials for Energy Efficient Electronics	Jackson State University	Jackson	MS	39217-0002
Knowlton, Bill	DNA-Controlled Dye Aggregation - A Path to Create Quantum Entanglement	Boise State University	Boise	ID	83725-0001
Webster, Alexandra	Integrating catchment expansion-contraction dynamics into cross-continental hydrobiogeochemical predictions	University of New Mexico	Albuquerque	NM	87106-0001
Scime, Earl	Center for KINetic Experiment, Theory, and Integrated Computations (KINETIC) Physics	West Virginia University Research Corporation	Morgantown	WV	26506-6845
McCoy, Daniel	Creating the framework for the next generation Energy Exascale Earth System Model (E3SM) at PROCEED (Perturbed physics ensemble Regression Optimization Center for ESM Evaluation and Development)	University of Wyoming	Laramie	WY	82071-2000