Electricore, Inc., in partnership with a California based utility, Green Power Labs, Inc., and a US based multinational computer technology corporation, is pleased to announce its collaboration with the United States Department of Energy (DOE) SunShot Initiative.

With the aforementioned team, Electricore will work under the award title “Integrated Simulation Development and Decision Support Tool-Set for Utility Market and Distributed Solar Power Generation.” This project will enable utilities to develop long-term strategic plans that integrate high levels of renewable energy generation, and to ensure reliable real-time power system operations under high renewable penetration. This program will develop a simulation and decision support toolset for the utility market and real time desk personnel for effective integration of centralized and distributed solar power generation in utility operations. Ike Bayraktar, President & CEO of Electricore, Inc., said, "This toolset will focus on the real time simulation of utility grids." Mr. Bayraktar, continued, "It will provide a vitally important decision support system with emphasis on market and real time utility operations." The program will enable utilities to create strategic and sustainable plans that identify pathways to operate reliably and profitably with high penetrations of solar, as well as, assist utilities in installing and utilizing enhanced power system simulation hardware/software that can test operational changes under high solar and other renewable penetration scenarios. In addition, the project will provide technical assistance, capacity building and standardization in deployment strategies for entities (such as cooperatives and municipalities) in owning and operating utility-scale PV.

The U.S. Department of Energy (DOE) SunShot Initiative is a collaborative national effort that aggressively drives innovation to make solar energy fully cost-competitive with traditional energy sources before the end of the decade. Through SunShot, DOE supports efforts by private companies, universities, and national laboratories to drive down the cost of solar electricity to $0.06 per kilowatt-hour. Learn more at http://www.energy.gov/sunshot.

Electricore, Inc., is a non-profit, 501(c)(3) technology consortium established in 1993 in response to a request by the Department of Defense's (DOD) Defense Advanced Research Projects Agency (DARPA). Electricore partners with private and public sector organizations such as federal and state agencies, corporations, small businesses, universities, research institutions and other non-profit entities to produce breakthroughs in the field of Energy, Transportation and Electronics. Electricore bridges the gap between industry and government addressing important technology issues.

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