

Bankable Energy | XENDEE and Partners Awarded \$2 Million For Next-Generation Microgrid R&D

San Diego, California – Sept. 11, 2018: Bankable Energy | XENDEE (BankableEnergy.com), and its partners have been awarded a \$2 million research grant from the California Energy Commission (CEC) for the development of next-generation technical and economic optimization tools for microgrids.

Distributed energy systems and microgrids, owned by private entities and/or utilities, are attracting serious attention in the marketplace to maximize, and optimize energy use for customers located in well-defined areas. Often the customers in these areas, such as hospital complexes and universities, have critical operations where the microgrid can supply electricity when islanded from the grid during power outages. To achieve optimal decision-making for maximum economic and resilience benefits, a single tool with the ability to model complex configurations of distributed energy resources, analyze economic and financial factors, and forecast market and regulatory conditions is required. Under this award, Bankable Energy | XENDEE, and its collaborators, will conduct research to combine these analytics into an integrated optimal decision-making tool for microgrid developers, owners, and operators.

“We want to validate project bankability and unlock the market for DER and Microgrids. Our goal is to deliver a streamlined decision support platform that will reduce times for investment feasibility screens, economic optimization, technical design, and implementation by up to 90% over existing methods.” says Adib Naslé, founder and CEO, Bankable Energy | XENDEE.

The CEC’s Electric Program Investment Charge (EPIC) program is providing the funding for this project. Underpinning this effort is the knowledge the project team has gained through research and development of innovative technologies funded by the U.S. Department of Energy (DOE) and the CEC such as the Energy Storage Value Estimation Tool (StorageVET) and the Open Distribution System Simulator (OpenDSS) developed by EPRI (www.epri.com); and the Distributed Energy Resources Customer Adoption Model (DER-CAM) technology developed by Lawrence Berkeley National Laboratory.

Bankable Energy | XENDEE is collaborating with the Electric Power Research Institute (EPRI), and Lawrence Livermore National Laboratory on this project, which is expected to take 18 months to complete.

About Bankable Energy | XENDEE

Bankable Energy | XENDEE provides easy to use, cyber-secure cloud computing software for the evaluation of microgrid and renewable energy projects. The XENDEE platform offers fast, bankable results on the financial returns of microgrid projects which allows investors and planners to assess their attractiveness without time-consuming and costly analysis. The Bankable Energy team leverages XENDEE and EPRI technologies to perform detailed conceptual designs for microgrids and distributed energy projects.

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