



## Senior Research and Engineering Associate for Distributed Energy Resources (DER) and Microgrids

### Description

Bankable Energy ([www.bankableenergy.com](http://www.bankableenergy.com)), the leader in transforming the worldwide energy landscape, is seeking outstanding, energetic, and creative minds for engineering and research work.

We are seeking a senior research and engineering associate (full time) for our San Diego location. You will be a key member in supporting the mathematical modelling and optimization within our XENDEE optimization software platform ([www.xendee.com](http://www.xendee.com)), as well as support and lead DER and microgrid engineering studies for our clients, and directly contribute to a renewable based world by enhancing our models, programmed in GAMS.

### As a Senior Research and Engineering Associate you will perform following tasks:

- (1) Support and partly lead the development, testing, and demonstration of new DER and microgrid software design capabilities
- (2) Conceptualize, develop, and write microgrid and DER studies based on the XENDEE software platform
- (3) Interact with our industry partners
- (4) Interact with our partner universities, and work on peer-reviewed journal publications.

The position requires excellent abilities to think innovatively and independently, to explore, accomplish, test and demonstrate advances in (and the connections between) various aspects of distribution energy systems as well as microgrid planning, measures of performance metrics, and operation, while also being mindful of real-world preferences and constraints of relevant institutions, and customers.

### Essential Qualifications

1. MS (preferred PhD) in Electrical or Mechanical Engineering (or similar technical education) with experience in power flow studies, or an engineering science relevant to distribution grids, distributed energy resources, and microgrids
2. Demonstrated ability to effectively conduct and perform collaborative team work, and interact with a broad range of partners and colleagues
3. Demonstrated ability to independently carry out work
4. Excellent organizational, analytical, and record-keeping skills
5. Outstanding interpersonal and written communication skills with demonstrated experience in preparing technical reports.

**We offer** an innovative, flexible, and growing international work environment with competitive compensation and benefits.

If interested, please contact Dr. Michael Stadler: [mstadler@xendee.com](mailto:mstadler@xendee.com)