

## **Post Master's Research Associates in Distributed Energy Resources**

### **Energy and Transportation Science Division Oak Ridge National Laboratory Oak Ridge, Tennessee**

#### **ORNLO8-106-ETSD**

#### **Project Description:**

The Distributed Energy - Communications and Controls Center in the Energy and Transportation Science Division (ETSD) at the Oak Ridge National Laboratory (ORNL) is seeking a researcher to conduct projects, assist in the expansion of research and manage R&D in the development of projects to support the integration of distributed energy resources. This program is involved in research, demonstration, and technology transfer activities to provide methods for controlling local resources independently to support the grid and provide reliability services. This Center is a recognized focal point for addressing technical problems confronting the U.S. electric utility industry. This work is funded by the U.S. Department of Energy, under the Office of Electricity Delivery and Energy Reliability. The selected candidate will work with other researchers on projects, collaborate with research staff on future research initiatives, manage research projects, network with related organizations, market potential sponsors for additional research, and prepare proposals and present research results to sponsors and others.

#### **Qualifications:**

Applicants are expected to have an M.S. in Electrical Engineering - Power Systems. Demonstrated proficiency in load flow analysis, and extended term dynamic studies is desired. Familiarity with laboratory data acquisition and control platforms would be useful. Excellent communication skills, oral and written, are important expected attributes and candidates will be expected to develop or maintain strong relationships through active participation in electric utility industry events. Oral presentation skills are needed to make presentations to sponsors and clients, effective writing skills for preparing reports, proposals, and publications/journal articles, and strong interpersonal skills to support team building and leadership. No security clearance is required for this position. Travel is required. Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment. Expected duration of these appointments is one year with the possibility of an extension.

#### **For additional information:**

- Distributed Energy - Controls and Communication Center at: [http://www.ornl.gov/sci/engineering\\_science\\_technology/technical\\_articles\\_for\\_public\\_site/Distributed%20Energy%20Communication/Distributed.shtml](http://www.ornl.gov/sci/engineering_science_technology/technical_articles_for_public_site/Distributed%20Energy%20Communication/Distributed.shtml).
- For technical questions regarding the position, please contact Mr. John Kueck at [kueckjd@ornl.gov](mailto:kueckjd@ornl.gov).

**How to Apply:** (Interested candidates need to apply as soon as possible.)

Qualified applicants may apply online at [https://www2.ornl.gov/ORNL\\_POST/](https://www2.ornl.gov/ORNL_POST/). All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at <http://www.ornl.gov/orise/edu/ornl/ornl-pdpm/application.htm>. Please reference the position title and number, when corresponding about this position.

This appointment is offered through the ORNL Postdoctoral or Postmaster's Research Associates Program and is administered by Oak Ridge Associated Universities (ORAU). This appointment is open to all qualified U.S. without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.