

**Post Master's Research Associate
in Energy Tool Development**

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

ORNL09-104-ETSD

Project Description:

Developing a software tool which can create voltage contour plots overlaid on a transmission system map to show areas which have inadequate levels of dynamics reactive reserve, i.e., areas of voltage susceptibility. If possible, develop this tool so that it can use publically available data and not utility system models.

Qualifications:

Applicants are expected to have a master's degree in engineering or a related field.

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.

Technical Questions:

For technical questions regarding the position, please contact John Kueck at kueckjd@ornl.gov. Please reference the position title and number, when corresponding about this position.

How to Apply:

Qualified applicants may apply online at 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>.

This appointment is offered through the ORNL Postgraduate Research Associates Program and is administered by Oak Ridge Associated Universities (ORAU) (<http://www.ornl.gov/orise/edu/ornl/ornl-pd/ornlpdoc.htm>). These positions is open to all qualified candidates without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.