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U N I V E R S I T Y

**Holcombe Department of Electrical and Computer Engineering
Faculty Search for Assistant or Associate Professor
in Power Systems or Power Electronics
Clemson University Charleston Innovation Campus, N. Charleston, SC**

Applications and nominations are sought for an Assistant or Associate Professor of Electrical and Computer Engineering (<http://www.clemson.edu/ece/>) in electrical power engineering at the Zucker Family Graduate Education Center (ZGEC) of Clemson University's Charleston Innovation Campus in N. Charleston, SC (<https://www.clemson.edu/cecas/departments/charleston/>). Consideration will be given to candidates with teaching and research in topics related to power engineering with a focus on either 1) Intelligent Distribution Systems applications in power systems or 2) Power Electronic converters, devices and applications in power systems. In addition, the ideal candidate should have a solid understanding of the electrical drive systems and wide-bandgap power electronic devices and converters. In either case, a solid understanding of the cyber-infrastructure related areas of power systems such as embedded systems, cybersecurity, networking, and remote sensing will be beneficial.

The Holcombe Department of ECE is one of the largest and most active departments in the University, with 35 primary faculty positions and 14 affiliated full-time faculty members, approximately 550 undergraduates and 190 graduate students. Annual research expenditures exceed \$8.6 million. Power engineering research facilities associated with the Department include those on the Clemson main campus and at the Charleston Innovation Campus. The Innovation Campus houses a \$110M electric power research facility initiated in 2009 from a \$45M Department of Energy grant. It includes the SCE&G Energy Innovation Center, which contains the world's most-advanced wind-turbine drivetrain testing facility capable of full-scale highly accelerated mechanical and electrical testing of advanced drivetrain systems for wind turbines. The SCE&G Energy Innovation Center also houses the Duke Energy Electrical Grid Research Innovation and Development (eGRID) Center, a facility with real-time simulation and 20MVA hardware-in-the-loop capability. The Clemson main campus includes state-of-the-art real-time simulation facilities for research in intelligent control of the electric grid, a modern power-electronics laboratory, and a thriving undergraduate and graduate emphasis in power systems.

Clemson University is the largest land-grant institution in South Carolina, enrolling 18,600 undergraduates and 4,800 graduate students. Seven colleges house strong programs in architecture, engineering, science, agriculture, business, social sciences, arts and education. A faculty of 1,500 and staff of 3,700 support 84 undergraduate degree offerings, 73 master's degree programs and 40 Ph.D. programs. An annual operating budget of approximately \$1.15 billion and an endowment of \$683 million fund programs and operations. The University has externally funded research expenditures of \$109 million per year. Research and economic development activities are enhanced by public-private partnerships at 4 innovation campuses and 6 research and education centers located throughout South Carolina. Clemson University is ranked 23rd among national public universities by U.S. News & World Report.

Applicants must have an earned doctorate in Electrical Engineering or a closely related field. Applicants should submit a current curriculum vitae, statements of research and teaching strategy, and a minimum of five references with full contact information. Application material should be submitted electronically at the following Web link:

apply.interfolio.com/39804

To ensure full consideration, applicants must apply by **November 15, 2018**; however, the search will remain open until the position is filled.

Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Clemson University is building a culturally diverse faculty committed to working in a multicultural environment and encourages applications from minorities and women.