

SUMMARY VITA- Larry G. Akens

Adjunct Faculty

Education

Bachelor of Science, Electrical Engineering, Tennessee Technological University

Master of Science, Electrical Engineering, Tennessee Technological University

Master of Business Administration, University of Tennessee at Chattanooga

Academic Experience

Adjunct Faculty, University of Tennessee Chattanooga 2012- Present

- Responsible in teaching Engineering Economy and Applied Statistics

Non-Academic Experience

Tennessee Valley Authority

- Serves as TVA's Reliability Policy Manager responsible for monitoring and providing support for NERC reliability standard development and changes to FERC policy.
- Served as TVA's Senior Manager responsible for compliance and operation support.
- Provided management direction for TVA's compliance program including internal self-assessments, reporting, and evaluation of proposed NERC standards. Served as the leader for several SERC compliance and certification audits.
- Served on various NERC and SERC subcommittees and task forces.
- Managed and provided direction for system protection engineers to provide relay settings for protection of TVA's transmission and generating assets. Collaborated with planning leaders and others to establish and coordinate under-frequency and under-voltage load shed programs.
- Provided oversight and direction for development of demand-side management and interruptible products that are utilized by the Balancing Authority. Led efforts to establish operating reserves and load management strategies.
- Provided oversight to other staff members to develop and maintain emergency preparedness programs.
- Managed TVA's balancing authority and transmission operations to meet reliability and revenue goals.
- Provided customer service support for a portion of TVA's service area.
- Provided various supervisory and engineering functions for both operations and planning functions.

Electric Systems Operations/Operations Manager

- Managed TVA's control area operations and TVA's transmission operations.
- Accountable for economic allocation of generation assets within reliability constraints.
- Ensured TVA's transmission system was operated in safe, reliable manner to meet operational needs and maintenance requirements.
- Led efforts to change TVA's generation allocation software to enhance coordination mid- and long-term planning initiatives.
- Developed and managed budgets and manpower needs to achieve budgeted goals.

- Provided training and rotational opportunities for System Operators, Transmission Operators, and other support staff members.

Manager, Transmission Operations

- Provided leadership and guidance to a group of electrical engineers who provided relay settings for capital and maintenance activities.
- Developed computer base systems to prioritize maintenance activities based on transmission disturbance and the impact of those disturbances to the customer.
- Represented TVA to the IEEE Power System Relay Committee.

Manager, Eastern Region, Customer Support

- Provided customer support services for TVA maintenance activities, rights-of-way management, and implementation of new programs and services.
- Worked with Area Dispatch Control Centers to coordinate switching and maintenance activities.
- Managed engineering units, line crews, and electrician crews for the Knoxville service area.

Electrical Engineering Responsibilities

- Provided field supervision to other engineers, engineering technicians, line crews, and electrician crews for maintenance activities and capital projects.
- Led electrical engineering efforts and provided technical oversight for the construction and commissioning of a major 500-kv Substation.
- Participated in a DOE study to investigate electric and magnetic fields associated with TVA's 500-kV transmission lines.
- Developed planning and project justifications for numerous capital transmission and substation projects.

Honors, Awards, Service, and Outreach

- 2010 Engineer of the Year Award given by the Chattanooga Area Engineering Committee

Publication

None in the last five years.