Job Title: Load Forecasting Analyst- HQ- Expires- 11/29/2015
Job ID: 4112
Location: Headquarters- Winchester, KY
Full Time

EKPC Company Information
East Kentucky Power Cooperative is an electric generation and transmission company headquartered in Winchester, KY, just 15 minutes east of Lexington. We also have facilities across the state of Kentucky that generate electric power and service centers for local power lines and substations support.

EKPC offers a wage and benefits package that ranks among the best in the state. EKPC provides a 401(k) retirement plan; a medical and dental plan; competitive vacation package; and a professional work environment.

EKPC is an Equal Employment Opportunity Employer  Minorities/Women/Disabled/Veteran

Key Roles
Collect data and conduct complex analyses, create reports, draw inferences, and make recommendations. Serve as a resource to EKPC and member systems by performing analytical work that is broad in nature for a broad range of customers. Convey business information and intelligence to middle and senior management via reports, presentations, and other forms of interaction.

Key Responsibilities
- Researching, analyzing and evaluating data and information in order to make prudent business recommendations relating to load forecasting, demand side management, market research and load research both short-term and long-term in nature.
- Provides analysis to a wide range of internal EKPC staff, EKPC management, and member systems’ management and staff.
- Uses software, including highly technical computer programs, as well as advanced analytical techniques to evaluate and/or project load growth, components of load, economic projections, load research data, demographic data, and appliance saturation data.
- Analyzes trends in energy efficiency and demand side management programs, as well as applicability and cost effectiveness for EKPC and member systems.
- Participates in the development of regulatory filings such as the Integrated Resource Plan, rate cases, PSC and AG interrogatories.
- Prepares data for RUS and SERC and responds to questions.
- Conducts external environment research by collecting, processing, and analyzing information related to the energy industry.
- Performs analyses using a variety of statistical techniques, including regression, payback / breakeven, net present value, variance analysis, uncertainty and risk analysis, linear programming, etc.
- Routinely uses mathematical, marketing, financial, economic, and statistical models to complete tasks; create models and interpret model output.
- Develops and maintain spreadsheets and databases.
- Develops analytical and statistical models, spreadsheet and program based.
- Serves as leader on in-house project teams, as well as external teams including member system teams and consultants as needed.
Key Requirements

Education:

Bachelor’s degree in related area required. Any equivalent combination of education and experience may substitute.

Experience:

Five (5) years of related experience.

Skills and Abilities:

- Strong analytical skills, including statistical analysis.
- Strong computer application and modeling skills; spreadsheet, database, word processing, presentation, and internet knowledge.
- Strong knowledge of analytical/statistical software programs such as SAS, Visual Basic, and SPSS.
- Strong oral and written communication skills.
- Strong customer focus for a broad range of customers.
- Effective interpersonal skills; ability to interact successfully with all facets of the organization.
- Project management skills.
- Presentation skills.
- Negotiation skills.
- Ability to work independently and exercise significant levels of discretion and judgment.
- Ability to prioritize work in a multi-task and fast-paced environment.
- Ability to work on tasks requiring great attention to details.
- Strong teamwork orientation.
- Ability to maintain confidentiality at all times and use appropriate discretion in discussing confidential issues.

Working Conditions:

- Usual office conditions apply to this position with regular lifting up to 20 lbs.
- Some travel within the system and occasional out-of-state, which may be overnight.

Competencies

Key Competencies:

- Technical/Professional Knowledge and Skills
- Quality Orientation
- Contributing to Team Success
- Decision Making
- Building Trust
- Initiating Action