

Load Forecast Analyst

East Kentucky Power Cooperative has an opening for a Load Forecast Analyst at the Winchester, Kentucky Headquarters location. Interested applicants should apply online by midnight, Sunday, February 24th at the following website: <http://www.ekpc.coop/jobopportunities.aspx>. Listed below are the job duties and requirements.

Position Summary

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.

Duties & 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.

Education/Experience

Bachelor's degree in related area required.

Five (5) years of related experience. Any equivalent combination of education and experience may substitute.

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.

Skills and Abilities

- 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.

Competencies:

Technical/Professional Knowledge and Skills

Quality Orientation

Contributing to Team Success

Decision Making

Building Trust

Initiating Action