



DIVISION: Market Monitoring
TITLE: Senior Market Monitoring Analyst
LOCATION: Folsom, CA
DEPARTMENT: Market Monitoring

PRIMARY PURPOSE:

Under the general direction of the Manager of Analysis & Mitigation, performs analysis of overall market performance and efficiency, impact of market rules, behavior of market participants; and developments and evaluations appropriate options for prevention or resolution of potential market design problems, inefficiencies, gaming or non-compliance with market rules. Performs related tasks as required.

ESSENTIAL JOB FUNCTIONS:

- Monitors and analyzes market performance, market participant behavior and compliance with market rules.
- Designs and calculates indices for monitoring market performance and market participant behavior.
- Assists in the design, development and management of surveillance/monitoring systems used in identifying, analyzing and investigating market performance, efficiency, participant behavior and compliance with market rules.
- Participates in the development of enhanced Tariff provisions or other options for improving market design and efficiency, preventing and sanctioning market gaming, abuses and non-compliance with the ISO Tariff or other relevant contracts and market rules.
- Provides economic analysis related to market design issues.
- Performs investigations of market performance, behavior and design issues and creates special analytical reports as needed
- Prepares and analyzes data queries, reports, charts and slide presentations to support special studies, investigations, Board Meetings and Market Monitoring Assessment reports.
- Maintains a highly secure and protected market investigation process.
- Attends business meetings, and collaborates with colleagues to develop "best practices", and to identify and resolve issues to help create a flexible and efficient organization
- Adheres to and supports the Core Values of the ISO.
- Performs related duties and activities as appropriate.

TYPICAL PHYSICAL REQUIREMENTS:

Most of the time is spent sitting in a comfortable position and there is frequent opportunity to move about. Occasionally there may be a requirement to stoop or lift or handle material or equipment weighing up to 25 pounds. Requires normal manual dexterity and eye-hand coordination, and corrected vision and hearing to normal range.

WORKING CONDITIONS:

Typically located in a comfortable indoor area. There may be occasional exposure to mild physical discomfort from factors such as dust, fumes or odors, loud noise, or bright lights. Any unpleasant conditions would be infrequent and not objectionable. Most of the time is spent in general office or equivalent conditions which result in little or no exposure to injury or accident.

MINIMUM QUALIFICATIONS:

- **Level of Education**
A Bachelor's degree (BA, BS) or equivalent education, training and experience. Master's (MS, MA, or MBA) degree highly preferred.
- **Discipline**
Economics, Business, Engineering, Operations Research, or related field.
- **Amount of Experience**
Five or more years of related experience.

● **Type of Experience**

Econometrics, statistical analysis, industrial organization, market performance monitoring, utility operations and planning, energy trading, regulatory and policy analysis etc. Experience with large data sets, econometrics, computer modeling, and analysis of electric market performance is helpful. Computer programming skills required.

● **Special Certifications of Technical Skills**

none

● **Other**

Strong quantitative skills with a strong emphasis on statistical analysis. Experience or familiarity with manipulation and analysis of large data sets. Computer skills (e.g. Excel) and programming (SQL, SAS, etc.) required. Must be able to work effectively in a team environment as leader, facilitator and team member. Must be able to handle a dynamic and changing work environment, and work well independently. Excellent analytical, verbal and written communication skills required

CLASSIFICATION:

- FLSA: Exempt
- Job Code: 21211
- Created: 08.26.2005
- Last Date Revised: 11.22.2005