



City of Pasadena Energy Trader / Energy Trader Trainee

SALARY	\$66.64 - \$83.30 Hourly \$11,551.33 - \$14,439.08 Monthly \$138,616.00 - \$173,269.00 Annually	LOCATION	City of Pasadena, CA
JOB TYPE	Full -Time	JOB NUMBER	23-184
DEPARTMENT	Water & Power	DIVISION	Power Supply
OPENING DATE	05/18/2023	CLOSING DATE	Continuous

Energy Trader
SALARY RANGE
\$66.64 - \$83.30 Hourly
\$11,551.33 - \$14,439.08 Monthly
\$138,616.00 - \$173,269.00 Annually

Energy Trader Trainee
SALARY RANGE
\$51.58 - \$64.47 Hourly
\$8,939.67 - \$11,174.58 Monthly
\$107,276.00 - \$134,095.00 Annually

The City of Pasadena Water and Power Department (PWP) is seeking a detailed-oriented and strategic professional Energy Trader or Energy Trader Trainee to perform resource optimization and market analysis. [Click here](#) to learn more about PWP. The incumbent must develop strategies to reduce energy costs to maximize utilization of City-owned energy resources and to minimize cost to the City's rate payers. The incumbent holds a high level of responsibility to make sound decisions that would have great financial impacts. Since the energy and power market industry is constantly changing, the incumbent will be continuously learning.

In addition to routine duties, the incumbent will work on special projects. There is an ongoing stakeholder process for various market initiatives. The incumbent will be reading white papers and attending web meetings, will be involved in long-term procurement of energy, transmission and gas; and working with the front and back office in terms of analytical market analysis. The Energy Traders play a big part in preparing and managing PWP's budget.

Placement at the Energy Trader or Energy Trader Trainee level will be based upon experience and qualifications.

This job bulletin is open as continuous until filled and subject to close at any time. Please apply immediately. First review of applications will be June 8, 2023.

IDEAL CANDIDATE

The ideal candidate will perform duties in resource planning, energy trading, power scheduling and the management of PWP's energy portfolio. The ideal candidate will have an early start of the work day at 5:00 a.m. Success in this role requires the ideal candidate to be a fast learner, highly organized, detail-oriented, and analytical. The ideal candidate must possess professional integrity and high ethical standards, as this role includes high financial impact and adherence to the Risk

Management Policy. The ideal candidate is able to work under pressure, thinks quick on their feet to make decisions, and meet operational deadlines. The ideal candidate must work well with others as well have self-management and self-motivation.

Essential Functions

The following list represents some of the essential functions of the position. For more detailed information, including required knowledge, skills and abilities, please refer to the Job description for [Energy Trader](#) and [Energy Trader Trainee](#).

- Performs research and analysis to determine the potential business impacts and strategic actions necessary due to changes related to electricity/natural gas related product markets, legislative and regulatory changes.
- Evaluates, negotiates, and implements short-term power and gas trades; assists in the development of and implements long- term and day-ahead bidding strategies for local generation, imported generation and ancillary services.
- Forecasts near-term energy needs and market prices incorporating weather data and other variable factors affecting consumption and market prices; maintains and utilizes historical statistics; analyzes capacity, market trends, market pricing, usage and outage forecasts and storage capacity to develop trade strategies within established risk management guideline.
- Enters schedules and trades into California Independent System Operator (CAISO) SIBR system and a variety of local trade capture systems and databases; receives generation schedules, calculates hourly, daily and weekly share of output, enters data and develops next-day schedule profiles; prepares and submits a variety of templates and reports to CAISO including Resource Data Templates and Resource Adequacy plans.
- Enters schedules and trades into the SoCal Gas Envoy system; monitors and communicates specifications of the trade/deal; monitors cuts and pipeline capacity and ensures appropriate matching; optimizes gas transports by negotiating and executing short-term purchases and sales; analyzes trading options and determines optimal usage of assets.
- Plans, organizes, and conducts management and program analysis relating to energy issues; identifies problems, determines analytical techniques and statistical and information-gathering processes to obtain necessary information and data for analysis; analyzes alternatives and makes recommendations; discusses findings with management; prepares reports of results; develops implementation plans and assists in implementing policies and procedures; drafts reports, recommends policy change documents and presentation materials for management.
- Stays abreast of emerging trends and advancements in energy production and distribution technology, the legislative environment, and the energy market; attends and presents at conferences and industry events.

COMPETENCIES

The following list represents the core competencies needed for success in the position.

- **Financial Acumen**
- **Adaptability**
- **Analytical Skills / Problem Solving**
- **Learning Agility / Proactive Thinking Skills**
- **Attention to Detail**
- **Cooperation And Collaboration**
- **Critical Thinking Skills**
- **Negotiation Skills**
- **Strategic Ability**
- **Technology Application Skills**
- **Written Communication Skills**

Qualification Guidelines

EDUCATION and EXPERIENCE

Energy Trader:

- Graduation from an accredited four-year college or university with a major in engineering, computer science, business administration, finance, economics, a related field and
- At least five years of progressively responsible experience in trading in the California Independent System Operator (CAISO) or other Regional Transmission Organization (RTO) markets; or an equivalent combination of training and experience.
- Resource planning experience is highly desirable

Energy Trader Trainee:

- Graduation from an accredited four-year college or university with a major in engineering, computer science, business administration, finance, economics or a related field; and
- Two years of experience in the water and power industry, preferably performing related analytical duties; or an equivalent combination of training and experience.

VACANCIES

There is currently one vacancy in the Power Supply division in the Water and Power Department, which may be filled as a result of this examination process.

SELECTION PROCESS

The selection process may consist of one or all of the following: a training and experience evaluation, a preferred qualification review, behavioral competency and a structured interview.

Energy Trader: Probationary work test period is one year.

Energy Trader Trainee: At will

Special Requirements

Must possess a valid California Class C driver's license and comply with the City's Motor Vehicle Safety Policy during the course of employment.

The incumbent in the Energy Trader Trainee position is in a training capacity. The maximum time for completion of training is two years. The incumbent may be terminated from employment at any time during the training period.

FLSA-Exempt

Agency

City of Pasadena

Address

100 N. Garfield Ave., Rm S135
P. O. Box 7115
Pasadena, California, 91109-7215

Phone

(626) 744-4366
(626) 744-4366

Website

<http://www.cityofpasadena.net/humanresources>

Energy Trader / Energy Trader Trainee Supplemental Questionnaire

***QUESTION 1**

Please indicate how many years of progressively responsible experience you possess in trading in the California Independent System Operator (CAISO) or other Regional Transmission Organization (RTO) markets.

- None
- 0-2 Years
- 2-3 Years
- 3-4 Years
- 4-5 Years
- 5 Years or More

***QUESTION 2**

Please indicate how many years of experience in the water and power industry, preferably performing related analytical duties; or an equivalent combination of training and experience.

- None
- 0-2 Years
- 2-3 Years
- 3-4 Years
- 4 Years or More

***QUESTION 3**

What is your highest level of education completed?

- Some college
- Associate's degree
- Bachelor's degree
- Master's degree
- PhD
- N/A

***QUESTION 4**

Please indicate the area of study for your degree and/or coursework, if applicable:

- Engineering
- Computer Science
- Business Administration
- Finance
- Economics
- N/A

***QUESTION 5**

Please explain your experience performing research and analysis in determining the potential business impacts and strategic actions necessary due to changes related to electricity/natural gas related product markets, legislative and regulatory changes.

***QUESTION 6**

Please explain your experience in utilizing, supporting, implementing specialized software and/or technology used for electricity/natural gas and related products trading, scheduling and reporting.

***QUESTION 7**

Please explain your experience with electricity, natural gas and related products in the following areas: negotiating contracts, resource optimization, bidding, performance monitoring, scheduling and trading.

* Required Question