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## Energy Engineer / Analyst

### Hiring organization

Farnek Services LLC

### Date posted

05/22/2024

### Description

The Energy Engineer is responsible for all aspects of energy management, including the chilled water system, HVAC system, domestic water system, LPG system, irrigation water system, and electrical system. This role encompasses the preparation of energy reports, participation in energy meetings, conducting energy-saving studies and projects, delivering energy presentations, and enhancing the energy-efficient operation of the Burj Khalifa.

### Responsibilities

- Daily readings of the Energy meters pertaining to major equipment should be recorded to establish the energy base line. Utility consumption figures shall be compared to those of similar months in the base line.
- Assessment of utility patterns and energy profile based on remote energy monitoring to prepare report and provide recommendations on most energy and cost-efficient solutions.
- Provide justification to the difference in energy consumption in comparison with last year.
- Conduct historical utility billing and facility benchmarking analysis.
- Assist the team in auditing activities, data collection and analysis for on-site energy audits that are focused on mechanical system, HVAC system, domestic water system, LPG and irrigation water system.
- Hands on experience on energy measuring equipment's.
- Continuous improvement of energy saving operation by developing, coordinating, implementing projects to reduce energy consumption.
- Maintaining the energy accounting and reporting system with energy reports including daily reports, weekly reports, monthly reports, and others as per the clients request in timely manner.
- Support other operational aspects to reach common goals not only in focus of energy saving but respecting the comfort of the occupants also.
- Manage energy performance analysis, including on-site data collection, sub-metering data analysis, energy, and water cost analysis, LPG system and irrigation water system.
- Coordinate and follow up with suppliers for retrofit equipment.
- Participate in business development and community outreach campaigns.
- Deliver broad and customer specific insights through written reports, presentations, and customer visits.
- Responsible to prepare daily, weekly, monthly reports, yearly management reports and Energy and sustainable reports.

### Requirements

- Bachelor's degree in mechanical, Electrical or Energy Engineering
- Knowledge on HVAC system, Chilled water system, Domestic water system, LPG system, irrigation water system and Electrical system.
- Strong written and oral communication skills for customer interaction and report writing.

## **Experience**

- 5+ years of experience

## **Skills**

- Customer service
- Time management
- Sense of responsibility and responsiveness
- Attention to detail
- Mechanical Aptitude
- Analytical thinking Customer focus

## **Contacts**

**Send your CV to : [recruitment@farnek.com](mailto:recruitment@farnek.com)**