

PERFORMANCE TESTING SPECIALIST

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Request #:	814460874
Division:	Luminant
Location:	DALLAS, TX US
Shift Work Required:	
Travel Involved:	Up to 25%
Job Type:	Full Time
Experience Level:	Experienced/Non-Manager
Minimum Education Required:	Associates Degree
Category:	Gas Operations,Other,Other Professional
Relocation Offered:	Yes

Position Summary:

This position is responsible for providing Performance Testing and Tuning Services to Luminant Power Fossil Generation in a safe, reliable manner. Responsibilities include testing, monitoring, diagnostics and troubleshooting of power plant systems. This position interfaces frequently with POC, Technical Services, Wholesale Marketing, Asset Management and plant Operations & Maintenance personnel.

Fossil Generation consists of nine (9) lignite/coal fired generating units at four (4) plant sites, nine (9) gas/oil fired generating units at four (4) plant sites, two (2) combined cycle plant sites and fifteen (15) simple cycle combustion turbines. The combined net generating capacity of Fossil Generation is in excess of 10,000 MW.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned. In this position, either directly or through others, the incumbent will:

- Provide 24 hour / 7 day per week availability for performance testing services to all Fossil Generation facilities.
- Performance Testing Services include but are not limited to the following tests: boiler efficiency, boiler air ingress, air pre-heater, feedwater heater, precip & bag house, fan, condenser, turbine and heat rate performance.
- Provide testing support in conjunction with plant start-up, commissioning, and equipment performance guarantees.
- Operate, maintain and troubleshoot I&C and mobile test laboratories used for conducting performance tests.
- Provide extensive electronic reporting within 15 working days of test completion (depending on type of test)
- Analyze plant equipment operating trends, historical data, and field data to develop recommended actions to improve performance.
- Provide hands-on training to new Luminant Power performance testing field service employees as needed.
- Provide timely status updates to all stakeholders to ensure excellent communication between plants, technical services, POC, Wholesale Marketing and Asset Management.
- Manage multiple task assignments simultaneously to meet critical deadlines.
- Assist with development and improvement of testing procedures and protocols.

Requirements

Minimal background and knowledge requirements:

Qualifications sought in successful candidates include the following:

- A Bachelor's degree in engineering or other related field or
- An Associate of Science degree in related field and 5 years of technical experience with steam plant boilers, turbines and BOP equipment or
- Ten (10) years of related technical experience and a strong working knowledge of Fossil Generation plant performance testing.

Minimal background and knowledge requirements:

- Works with minimal supervision.
- Completes tasks within expected time frame.
- Communicates clearly and concisely in written, verbal, and electronic forms.

Preferred background and knowledge requirements:

- Excellent computer skills and strong command of MS Word and Excel.
- Ability to learn new concepts and methods quickly.
- Desire and ability to keep current with technology and trends.
- In depth understanding of economic impact of Fossil Generation performance.
- Working knowledge of fleet level maintenance planning and asset management concepts.

PHYSICAL/MENTAL DEMANDS AND WORKING CONDITIONS: This position requires the ability to perform the essential duties and responsibilities in the following environment:

- Occasional long, irregular hours.
- Frequent work in hot or cold environments.
- Use of a PC, computer terminal and/or telephone over 2 hours a day.
- Occasional bending, twisting, crouching, pulling, pushing, climbing and/or reaching to access job-related materials.
- Open workspace office environment.

NECESSARY COMPETENCIES:

For this position, the following skills and abilities must be demonstrated at a proficient level:

Communications – Effectively utilize communications skills to keep the client, the team members, team leaders, and support personnel informed. Clearly demonstrates decisions and directions within the department and with the client community. Delivers clean and concise presentations. Gathers and disseminates information in a timely and effective manner. Keeps department informed activities through regular staff meetings.

Job Knowledge – Has a functional technical knowledge and a familiarity with performance testing codes and standards. Possesses a comprehensive knowledge of power generation equipment, operation, maintenance, and troubleshooting. Capable of developing, implementing, and modifying strategies and providing options to meet client needs.

Leadership – Defines and encourages high standards of performance and leads by example. Guides and inspires others to accomplish goals, both individually and as a team. Develops the potential of team members. Capitalizes and builds on workforce diversity. Viewed by peers and subordinates as a mentor. Demonstrates daily positive work ethic and outlook. Possesses and demonstrates coaching and teamwork skills. Works to expand personal skills and job knowledge.

Client Orientation – Develops/enhances partnerships, networks and coalitions with clients, peers, and others. Readily and clearly expresses ideas, comprehends and processes information with perceptual objectivity. Probes to discover clients' underlying needs and matches available or customized services and resources to those needs. Advise clients of available services. Assists in developing long term goals and customization of services to focus on client needs on a cost competitive basis. Periodically meets with client community to understand business needs.

Organization, Planning, and Control – Plans for and effectively implements and/or accommodates change that contributes to the achievement of objectives. Establishes a course of action for self and/or others to accomplish a specific goal: sequences and prioritizes tasks, plans proper assignment of personnel, allocates other resources. Proficient in cost and schedule management.

Problem Solving/Decision Making – Identifies problems, considers alternatives, determines appropriate solutions. Renders timely decisions and takes action. Willing to make decisions. Identifies issues and problems. Compares data from different sources. Considers alternative and develops options.

Flexibility/Adaptability – Adapts quickly to changes in work assignments and priorities. Demonstrates flexibility and adaptability in meeting multiple demands. Performs effectively in difficult situations. Demonstrates a willingness to be available for and work overtime. Accepts change in a positive manner.

All interested candidates must apply online at: www.energyfutureholdings.com to requisition number: 814460874 to be considered for this opportunity.

We are an equal opportunity/affirmative action employer.