



Senior Energy Efficiency Engineer & Project Manager

Willis Energy Services Ltd. is an engineering consulting firm specializing in industrial energy efficiency, cogeneration, utility conservation programs and renewable power. As Canada's largest Demand Side Management consulting firm, we are rapidly growing, with offices in both Vancouver and Toronto.

As a result of our continued success and growth we are seeking an experienced professional engineer to develop and manage energy projects for large industrial sites and utilities, including district energy systems as well as institutional and health care facilities.

The position will require identification of conservation opportunities and developing conceptual designs which will include both the energy study and the financial analysis (business case). The ideal candidate will have industrial design experience, project management skills and be familiar with efficiency strategies and renewable energy systems. The candidate will be required to supervise and mentor a team consisting of engineers, EITs and planners.

Other duties may include energy management consulting for industrial customers, and measurement and verification of implemented projects. The ability to communicate with clients at the senior management level regarding capital projects as well as operational and management strategies will be required.

Mechanical, electrical and industrial engineers will be considered, as well as any engineer with industrial design experience and experience in mechanical systems, electric power and controls. Strong report writing skills are necessary for this position. The position is located in the firm's Vancouver office. Periodic travel will be required.

Experience Desired

(Please indicate which of the following areas you are experienced in on your resume / cover letter – not all are necessary.)

- Industrial system / equipment design
- Project management
- Boiler / steam / hot water / thermal oil systems
- Compressed air, refrigeration, fans and pumping systems
- Electrical distribution, drives, and harmonic mitigation
- Industrial processes and automation
- Industrial or building control systems
- Heat recovery
- Testing, data acquisition and analysis
- Renewable energy – heat and generation
- Power generation and transmission
- Working knowledge of Lean/ Six Sigma / other process efficiency practices
- Energy policy and rates



Responsibilities

- Collaborate with clients' senior management team to identify, investigate, and develop energy efficiency and process improvement projects
 - Preliminary design work will be needed to define projects at a feasibility study level
 - Calculate energy savings and other benefits
 - Perform financial analysis, and generate business cases for the proposed project
 - Present projects to management teams
 - Develop measurement and verification plans
- Manage projects to ensure deadlines and cost expectations are met
- Maintain client satisfaction and develop client relationships including undertaking business development activities, and writing proposals
- Supervise internal EITs and engineers as well as external specialist engineers as assigned to projects
- Prepare reports, analyses, and deliverables to high professional standards

Qualifications

- Bachelor's degree in engineering and P.Eng. designation
- Minimum 7 years experience in industrial, processing or manufacturing sectors, and/or consulting experience in these sectors
- Minimum 3 years experience directly managing engineering projects or performing design work
- Superior written communication and interpersonal skills required

Willis Energy Services values diversity in its workforce, encouraging applications from all qualified individuals.

Please send your resume with a cover letter to Amy at awong@willisenergy.com or fax to 604-685-1713. Although we thank all applicants who apply, only those chosen for an interview will be contacted. No phone calls please.