



**ELECTRICAL & SYSTEMS
ADVANCED CONTROL INC.**

**Power Systems Technical Services (Senior)
Electrical Engineer – London Ontario**

ESAC leads the electrical industry in innovative power system integrated solutions based on technology, service and value. We are seeking a driven, technically skilled professional with an enthusiasm for our Power Systems division. This position is an excellent opportunity for anyone looking to evolve their career by working on a variety of challenging projects in a thriving and fast-paced environment.

Responsibilities

- Develop and maintain a detailed understanding of electrical power systems for utility/generation applications and markets
- Working with multidiscipline technical team to develop conceptual designs, estimates and proposals
- Perform system field research, analysis with studies, specifications, detailed technical design, development/fabrication, site installation, commissioning and reports
- Train technical staff, strategic clients and follow/improve application process for quality deliverables on time and on budget
- Divisional manager assigned projects group execution as primary client and subcontractors interface for technical and project management ensuring overall quality assurance and success
- Support and backup divisional manager to mentor and lead staff, generate reports for management monitoring profitable and harmonious work environment achievement

Qualifications

- Electrical professional engineer licensed in Ontario with a minimum 10 years knowledge/experience of electrical power systems analysis and design
- Transformer/Substation design and in-service retrofits addressing high voltage ESA review, IESO-HONI-LDC compliance and civil/structural disciplines with sub-engineering
- Site drawings, Single Line Diagrams, EWDs, CWDs and cable schedules
- Load flow, short circuit, protective device coordination and arc flash studies
- Protection relays settings and testing, ground studies and grid design
- Excellent project team participation, technical adapting, speaking and writing skills
- Strong attention to detail, high degree of accuracy in work and organizational skills
- Must be self motivated to learn new skills, assume new responsibilities and work cooperatively in a team environment

Please visit our website for more details: www.esac.com

Forward your cover letter and resume to ESAC HR: esac.hr@esac.com