SaskPower
Powering our future®

Engineer, Electrical Systems

Location: Regina, SK

Job Summary:

The Engineer, Electrical Systems is accountable to research, develop and implement tasks, methodologies and practices for the corporation's electric generating stations with a focus on power production assets. As a member of SaskPower's Asset Management team, this position is responsible for assisting with and/or preparing technical studies, business cases, root cause analysis, designs, specifications, tender evaluations, and equipment and construction drawings. This position will perform NERC Compliance activities, electrical equipment life cycle management, prepare project plans, costs, and schedules and provide contract management and project coordination services; ensuring alignment with departmental and corporate strategic goals and objectives.

Key Accountabilities:

- Learn and become familiar with assigned technical tasks, asset management methodologies and practices
- Develop, execute, monitor and maintain NERC Compliance Programs as applicable to the Saskatchewan Bulk Electric System.
- Learn and become familiar with assigned technical tasks, methodologies and practices
- Provide assistance and prepare project plans, schedules and initiate corrective action as appropriate
- Provide technical assistance for construction, commissioning and operations
- Perform technical and economic analysis of alternative solutions for project business cases, and make recommendations on courses of action
- Prepare project plans, monitor costs and schedules and initiate corrective action as appropriate
- Provide direction for construction and commissioning projects and initiatives
- Develop criteria, guidelines, standards and new practices based upon codes, technologies and methodologies
- Provide direction to technologists, technicians, consultants and management staff
- Provide direction to staff, consultants and other external technical agencies as required
- Other related duties as assigned

Knowledge/Skills/Abilities:

- Bachelor's Degree in Engineering in Electrical
- Professional Engineering Designation (P.Eng)
- Experience in a combination of the following engineering tasks: planning facilities and providing design, construction, operations, commissioning, contract management and coordination of projects
- Demonstrated competency in engineering/industry standards, as well as internal processes and

procedures
- Ability to mentor, coach, and support Engineers-In-Training
- Knowledgeable and experienced with interpreting and applying NERC Compliance standards (MOD, PRC, EOP, VAR, etc) and/or NERC Cyber Infrastructure Protection (CIP) standards.).
- Proven experience with plant electrical systems and large rotating electrical equipment in large industrial operations; including troubleshooting, maintenance, commissioning, contract management and coordination of projects.
- Results oriented thinker, with the ability to manage and provide advice regarding complex and confidential issues with sensitivity and professionalism
- Ability to work and manage in a changing environment
- Self starter with strong analytical and problem solving skills
- Excellent facilitation, project management and decision making skills
- Ability to foster a culture focused on safety, innovation and teamwork
- Demonstrated skill in SaskPower's Competencies
- Must have a continuing record of professional development

NOTES

- Engineer-In-Training applications will be accepted and may be considered for this position
- If the successful applicant appointed to this position is an EIT, the key accountabilities as well as knowledge/skills/abilities will align with the job description and expectations of an Engineer-In-Training. The applicant will retain the title of Engineer-In-Training and remain compensated at that level until such a time that they are eligible for a Professional Engineer position either through bidding or P. Eng designation process.

A suitable combination of relevant education and experience may also be considered

To apply please visit www.saskpower.com/careers. The closing date is December 11th, 2022 at 11:59 PM.