

Smart Grid Engineer

GrandBridge Energy Inc. is guided by a vision to be a leader in energy transformation and driven by a mission to bridge communities to the energy future. GrandBridge Energy delivers safe and reliable electricity to 111,000 customers in the City of Brantford, the City of Cambridge, the Township of North Dumfries, and the County of Brant. Our talented employees fulfil our mission to help our communities bridge the transition towards an evolving and dynamic energy future. Our values are the principles and beliefs that guide our operations.

The role of the Smart Grid Engineer will be responsible for evaluating, developing, and improving both new and existing technologies that contribute to the efficient and reliable operation of our electrical distribution grid. This encompasses the assessment and implementation of new grid modernization technology aimed at enhancing the reliability and interoperability of GBE distribution grid. Successful execution of various projects requires building and leveraging crucial relationships with Information Technology, Field Operations and Engineering & Continuous Improvement teams. The Smart Grid Engineer will play a crucial role in the Distribution System Operations department by helping us evolve GBE through innovation. The position will also contribute to a positive workplace culture by fostering collaboration, maintaining a positive attitude, supporting our customers, and contributing to a respectful and inclusive environment.

Major Duties & Responsibilities:

Technical Leadership and Support:

- Lead and support Grid Modernization by conducting gap assessments, technology evaluation, technical analysis, developing specification & requirements, and advanced technology implementations.
- Become the technical lead and provide guidance, knowledge and support for SCADA improvements, emerging DER technologies, protection and control, transformer stations maintenance and distribution design.
- Solve challenging problems pertaining to grid modernization, technology application, equipment specification, or project/program implementations.

Power System Planning and Engineering:

- Conduct reliability analysis, load flow studies, and provide recommendations for long term sustainability and reliability of GrandBridge Energy distribution system.
- Prepare comprehensive engineering reports on the conduct of the studies, the study results with the appropriate conclusions and recommendations.
- Assist in developing the distribution system investment plans/programs to provide capacity reinforcement, reliability improvement, and plans for asset refurbishment.
- Assist with IESO Regional Planning by preparing load growth forecasts for GrandBridge Energy.

Project Management and Procurement:

- Coordinate with internal resources and vendors for the flawless execution of projects while ensuring that all projects are delivered on-time, within scope and within budget.
- Assist with procurement and contract documentation for services related to the distribution system planning, SCADA and distribution system automation improvements, and SMART grid technology innovation.
- Other duties as assigned.

Qualifications:

- Undergraduate degree in Electrical Engineering or equivalent.
- Licensed Professional Engineer (P.Eng.) or eligible to be licensed in the province of Ontario
- 2-5 years of electrical utility experience is preferred.
- Project Management certification or PMP designation, is considered an asset.
- Knowledge of the following applications and engineering tools is considered an asset: Synergi Electric, DESS, Survalent ADMS, SEL and GE Relay Programs, AutoCAD, MS Suite Applications and general understanding of Database Applications (i.e., SQL, Oracle, MS Access).
- Strong interpersonal skills with the ability to work with multiple stakeholder groups.
- Strong analytical abilities, problem solving and project management skills.
- Excellent communication skills, including verbal, written and presentation skills.
- Valid Class 'G' Ontario driver's license with insurable driving record.

We offer an excellent working environment, career path exploration and development opportunities, a comprehensive total rewards package, and opportunities to get involved with teams and charitable events that support and make a difference in our community. To become a member of our team, please forward your resume by **March 18, 2024, to careers@grandbridgeenergy.com**. When applying for the position, please quote “**Smart Grid Engineer**” in the subject line.

GrandBridge Energy
39 Glebe Street, P. O. Box 1060,
Cambridge, Ontario N1R 5X6
or email: careers@grandbridgeenergy.com
Check us out at <https://grandbridgeenergy.com/>



We appreciate the opportunity to review all resumes, however due to volume, only those under consideration will be contacted. We retain all resumes for a period of 12 months. In the event a similar position becomes available, your application may be considered.

GrandBridge Energy is an Equal Opportunity Employer and is AODA compliant.