

Company Overview

Eleven Engineering Ltd. is a niche electrical engineering consulting firm specializing in the upgrade and retrofit of existing substations and generating stations. Our core strength is the creation and modification of all required facility drawings related to additions, salvage, upgrades, or replacements, including:

- Single Line Diagrams
- Structure & Equipment Layouts
- Grounding Layouts for Structure & Equipment
- Panel Layouts
- Schematics
- Wiring
- Cabling
- Bill of Materials
- Cable Schedules

Since 2004, Eleven Engineering's team has been supporting our clients with proven skills and experience ensuring quality, efficiency, and adherence to budget from project planning, through to design, construction, and commissioning. As President, James Hrabliuk, P.Eng. actively participates bringing his 26 years' experience with protection and control from a utility, consulting, and manufacturer perspective. The Winnipeg based consulting firm includes a staff of nine consisting of engineers, design and commissioning technicians, and drafters.

Eleven Engineering has worked on a variety of projects with varying scope, requirements, complexity, and lead times. We work to understand the requirements of a project, provide efficient solutions, and adapt quickly to changing needs. A comprehensive project history listing is available upon request. Services provided have included:

- Detailed design packages for protection, control, metering, station layouts, equipment layouts, and grounding. (Associated with new or replaced lines, transformers, reactors, breakers, etc.)
- Protection reports for typical protection schemes, as well as, Special Protection Systems
- Conceptual designs
- Project scoping and estimating
- Working within 'vintage' stations designed and built 40(+) years ago
- Short lead time 'emergency' projects
- Third party review of designs
- Review of other disciplines drawings (civil, mechanical, manufacturer) for compliance with project electrical requirements

Eleven Engineering has achieved steady growth and success, based on the experience and training of our team, and proven through the satisfaction of our clients. We would appreciate the opportunity to speak with you about how we may assist in supplementing your existing resources to fulfill your station infrastructure projects. We look forward to the opportunity of working with you!

James Hrabliuk, P. Eng.
President – Eleven Engineering

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