



ERLPhase Power Technologies

74 Scurfield Blvd, Winnipeg, MB, Canada, R3Y1G4, www.erlphase.com

Email resumes to: nwegner@erlphase.com

Position: Product Manager – Protection

Reports to: Research and Development Manager

Location: Winnipeg, Manitoba, Canada

Type: Permanent full time, 40 hours/wk, 8:30AM-5PM, Monday-Friday

Compensation: \$96,000 – \$110,000 salary per year (CAD)

Benefits: 100% dental, extended health insurance, long term disability

Responsibilities:

- All responsibilities listed below focus on protection related features and products.
- Develop and maintain an in-depth understanding of power system products, applications, competition and markets.
- Analyze competitor products and prepare technical product comparison reports.
- Propose new products and features for existing products based on customer, market or company needs and the potential for positive business impact.
- Work with stakeholders to create and maintain a strategic plan for protection product lines.
- Work with new product and feature requestors to clarify the request requirements and expected business impact.
- Work with the Project Manager and developers to determine product/feature/issue feasibility and rough labor, cost and time estimates.
- Work with stakeholders to evaluate and prioritize new product requests, new feature requests and requests to fix existing issues. Prioritization is based primarily on return on investment, business impact, and strategic value.
- Maintain a prioritized list of new features and external issues per product that can be used when defining new development projects.
- Work with the Technology Leadership Team and other stakeholders to propose projects based on business priorities and resource availability.
- Create project/product requirements and technical specifications with enough detail to be used by Product Development to create and execute project plans.
- Provide Product Development with technical direction during the implementation of products/features/issues.
- Review and provide direction for creating test plans to fully verify and validate the functionality of new features and products.
- Perform product validation testing as required.
- Support the creation of marketing literature for products/features including presentations, application notes, data sheets, order templates, manuals, etc.
- Act as a technical resource for the Application team for challenging issues.
- Create and present technical papers.
- Attend conferences and participate in technical committees as required.
- Support Application, Sales and Customer Service teams to help achieve company objectives.
- Other duties as assigned.



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Skills and Qualifications:

- Education: Bachelor of Science in Electrical Engineering or related degree.
- Extensive knowledge of generation, transmission, distribution and industrial protection products, their applications and industry practices.
- Extensive knowledge of power plant and substation protocols and communication networking practices including PRP, HSR, PTP, IRIG, DNP, MODBUS, and IEC61850.
- Extensive knowledge of Synchrophasor technologies, calibration and applications for protection.
- Extensive knowledge of product life cycle planning and market positioning.
- Proficient with modern test equipment such as Doble F6150 and Omicron CMC256/356
- Proficient with use of software/equipment such as RTDS, ATP, ETAP and others to conduct transient stability, short circuit, load flow, motor starting and relay co-ordination studies.
- Excellent interpersonal, oral and written English communication skills.
- Excellent technical and marketing presentation skills
- Ability to work independently and closely with others.
- Proven ability to drive projects and assignments to successful completion.
- Excellent problem-solving skills.
- Strong time management skills and able to work in a dynamic environment with multiple simultaneous assignments and priorities.
- Proven ability to quickly learn new skills and assume new responsibilities.
- Committed to personal growth and development of new skills.
- Passionate about creating excellent products.
- Willing to travel both domestically and internationally
- Experience: minimum 15 years of experience in:
 - Design and development of protection systems for up to 500kV system
 - Protection product development
 - Substation and power plant commissioning
 - Applications and consulting engineering for various protection products, power plants and substations.
 - Generation, transmission, distribution and industrial protection products, their applications and industry practices.
 - Project management and project technical leadership