

Title: Senior Power Systems Engineer – Product Applications

Location: Ontario - GTA

The Company: Our client is committed to helping to build a sustainable future by supplying products and services that increase the efficiency and reliability of electrical distribution systems in buildings. In business since 1996, we have consistently experienced year over year double digit growth and have established a global presence. They are a Canadian success story in one of the fastest growing business sectors on the planet.

Role Focus: The Senior Power Systems Engineer will be the hands-on “go to” person for creating technical solutions related to new construction and retrofitting low voltage dry-type high efficiency transformers and power metering platforms. This job requires technical competence in power systems engineering and solution synthesis as well as comfort in presenting, training, and providing engineering solutions at varying technical levels to a broad audience including senior electrical consulting engineers, a network of sales agents, field installation partners, and a wide variety of other green building stakeholders.

Responsibilities:

- Primary technical solution provider to customers for transformers and power metering
- Collaboration with customers to implement the optimum engineering solution
- Review of product specifications on projects to match performance requirements
- Analyze power system data for efficiency and power quality
- Prepare proposals, white papers, competitive analysis, case studies
- Prepare and present training programs
- Build a team of application engineers over time.

Qualifications:

- Seasoned P.Eng. or P.E. with 10+ years of related experience
- Fundamental understanding of power magnetics/transformers
- In-depth knowledge of commercial power distribution systems, power quality issues, power metering
- Excellent communication skills, both oral and written
- Eligibility for travel to US

Other Assets:

- Power metering deployment

- Familiarity with National Electrical Code, Canadian Electrical Code, Certification agencies (UL, CSA)
- Understanding of Sustainability, Life Cycle Assessment
- Working knowledge of green building standards like LEED.
- Working knowledge of ISO 9001, 14001, 14064