

## SIMULATION ENGINEER

<b>Position Type:</b>	<b>Full-Time</b>	<b>Location:</b>	<b>Winnipeg, MB, Canada</b>
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<b>Deadline to Apply:</b>	<b>July 15, 2022</b>
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*To apply, please send a cover letter & resume to Claudia at [claudia@rtds.com](mailto:claudia@rtds.com).*

*We thank all interested applicants; however, only those considered for interviews will be contacted.*

### Overview

The Simulation Engineer in the Applications group is expected to become a domain expert for simulation, testing, analysis and support in the area of renewables, power electronics and grid forming technologies. The candidate will be expected to participate in training and support related to their area of expertise.

#### As a Simulation Engineer, you will be expected to

- Develop expertise in the focus application within power systems, and related RTDS products – including hardware and software.
- Develop and document example cases of simulation cases related to application. This will require keeping up to date with the latest technologies and techniques being applied in today's modern power systems
- Development & Documentation of training modules, application notes and online tutorials
- Provide simulation support to RTDS customers (by email and/or telephone)
- Participate as an instructor for training courses held at RTDS Technologies office
- Participate in installation and commissioning of RTDS simulators at customer sites and provide instruction on its operation
- Test new RTDS software functions and features as they are developed and implemented
- Other duties as may be assigned

#### The ideal candidate must have

- A Bachelor's or Master's degree in Electrical Engineering with a power systems focus
- Understanding of power systems/power electronics is required
- Experience with programs such as PSCAD, RSCAD, MATLAB, preferred
- Excellent written and verbal communication skills
- Ability to travel

### About RTDS Technologies Inc.

We are a hidden gem in the Winnipeg technology scene. Our Winnipeg roots go back over twenty-five years, where we developed and introduced the world's very first real-time digital power system simulator, revolutionizing the testing process for protection and control equipment and changing the power system industry forever.

RTDS has been named one of Canada's Top Small & Medium Employer's and one of Manitoba's Top Employers for 2022! RTDS was also a past winner of the EY Entrepreneur of the Year Award for the

Prairie region and was recently named the recipient of The Canadian Manufacturers & Exporters (CME) Export Award. Today, with customers in over 50 countries across the globe, our custom hardware, the RTDS® Simulator, and proprietary software, RSCAD®, is recognized internationally as the benchmark and world leader in real-time digital power system simulation. The technology speaks for itself - do you want to be a part of our continued global success story?

### **Why work at RTDS?**

Because we provide an innovative work environment that lets you learn and grow with interesting, challenging work. It's a place where we encourage you to use your expertise to explore new possibilities as we work together to solve the complex challenges of our customers. We cultivate a culture of ownership to develop high impact ideas and be accountable for the results. At RTDS, you're not just another headcount – you are an integral member of the team with a meaningful contribution and role to play in the company's overall success. The foundation of our business is built on the well-being of our employees, both professionally and personally. We care deeply about your family – the core values of our business are based on how we safeguard the family units that depend on us.

Join our diverse community of extremely talented people who love what they do every day. Our total rewards package offers a number of additional benefits including, flexible work options, vision benefits, fitness reimbursement program, group retirement savings, Costco membership, free parking for IG Field events, maternity and parental wage supplement and more!