



Canadian Solar Inc. is one of the world's largest solar modular producers. As a leading vertically integrated provider of ingots, wafers, solar cells, solar modules, solar power systems and specialized solar products, Canadian Solar delivers uncompromising value to its customers across the globe.

We are currently looking for an experienced Systems Performance Analyst to join our team:

Description:

This role will assist in the in-depth analysis of performance data from solar photovoltaic systems.

Responsibilities:

- Analyze the performance of solar photovoltaic systems (commercial rooftops, solar farms); identify underperforming areas and sub-systems, provide an understanding of system behavior;
- Develop key performance indicators (KPIs) and reports to share with clients;
- Perform simulations using various industry standard programs;
- Develop automated diagnostic tools to flag underperforming systems;
- Participate in long-term studies on degradation and ageing of systems;
- Assist with the maintenance and development of data collection and archival systems;
- Interface with other personnel in Operations and Maintenance, Engineering and Manufacturing to provide continuous improvements to the company's designs and processes;
- Maintain documentation including software and database reference manuals;
- Ensure that all business activities are performed with the highest ethical standards and in compliance with the Canadian Solar Solution Code of Business Conduct
- Adhere to all health and safety rules and company policies
- Complete other duties and projects as assigned

Qualifications and Experience:

- Minimum 3 years plus work experience in energy systems and performance monitoring.
- Engineering degree (electrical or software)
- Working knowledge of a programming language and SQL an asset
- Extensive knowledge of Microsoft Office programs (Word, Excel)
- Excellent communication skills and an ability to write clear, concise reports
- Strong work ethic, positive team attitude and able to work in a fast-paced environment
- Knowledge of renewable energy systems an asset

Please submit resumes to: Canada.careers@canadiansolar.com and indicate on the subject line the position you are applying to along with salary expectations.

We do want to thank all candidates for their interest, however, only qualified candidates will be contacted.
No agencies or phone calls please.