

Postdoctoral Fellow in Electricity Markets and Energy Transition

Department of Systems Design Engineering
University of Waterloo, Waterloo, Ontario, Canada

Position supervisor: Dr. Jessie Ma

Contract length: 1 year (with possibility of extension)

The opportunity

Applications are invited for a one-year, full-time post-doctoral research position (with possible extension) to conduct research in electricity markets and energy transition, write publications, write grant proposals, and other duties related to academic scholarship.

Qualifications

The position requires a PhD degree in electrical engineering or a closely related area. Candidates will have expertise in power engineering, or knowledge and experience in a related field. They will have demonstrated experience in one or more of the following:

- Electricity Markets
- Power Systems
- Artificial Intelligence
- Distributed Energy Resources
- Energy Policy

The successful candidate will have strong analytical skills, strong programming skills, and excellent writing skills. Candidates should have a strong background in optimization, including mathematical formulation and software involving MATLAB and/or Python. The candidate should have an established track record of publishing in key journals, conferences and workshops.

How to apply

Email your CV and top two publications to Dr. Jessie Ma at jessie.ma@uwaterloo.ca. Due to the large volume of emails, only applicants with a potential good fit will be contacted.