

Jie Zhang, Ph.D.

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Dear Search Committee Members,

It is my pleasure to present my candidacy for the Assistant Professor position in Electrical Power Engineering Technology. I am currently working at the National Renewable Energy Laboratory (NREL) as a Postdoctoral Researcher. I received my Ph.D. (2012) from the Department of Mechanical, Aeronautical, and Nuclear Engineering at Rensselaer Polytechnic Institute (RPI).

I believe that my education and background would be a good match for your requirements. I believe I offer a compelling case for consideration:

- Expertise in energy power systems, wind energy, and solar energy.
- Expertise in multidisciplinary design optimization, uncertainty analysis, and statistics
- An integral role in the research group during my Ph.D. and Postdoctoral experience.
- Proposal writing experience for NSF and DOE grants.
- Potential collaboration with DOE National Laboratories, National and International Universities, and industries (Independent Systems Operator and power utility).
- An extensive record of scholarly accomplishments and research profile: (i) over 60 peer-reviewed publications, (ii) scientific committee, session organizer and chair of international conferences, (iii) reviewer for international journals and conferences.

Please see my CV, statements of research and teaching interests for additional information regarding my education, research, professional and teaching experiences.

I can be reached anytime via email at jiehust@gmail.com or via cell phone at 518-867-1979. Thank you for your time and consideration. I will be looking forward to speaking with you regarding this employment opportunity.

Sincerely yours,

Jie Zhang, Ph.D.