Power Grid Modernization Lab (PGML) Seeking Graduate Research Assistants

LAB DIRECTOR
Hamidreza Nazaripouya, Ph.D.

LOCATION
Oklahoma State University

REQUIRED QUALIFICATIONS
- Background in Power Systems, Power Electronics, and/or Control Systems.
- Interest in Mathematics and Data Science.
- Experience with MATLAB and Python.
- Strong academic performance.
- Strong willingness to conduct research.
- Excellent communication skills.

DESIRED QUALIFICATIONS
- Domestic students or international students who are already in the U.S.
- Master’s degree in Electrical Engineering
- Experience with power system simulation software (e.g., PSLF, PSCAD, PowerWorld, PSSE)
- Experience with hardware-in-the-loop real-time simulators.
- Hands-on experience
- Publication Record

Power Grid Modernization Lab (PGML) at Oklahoma State University seeks PhD students to conduct research in the area of Power Systems and Power Electronics. The position is available starting in Fall 2021 or Spring 2022. The graduate research assistantship includes a monthly stipend and full tuition waiver. Successful applicants will work on a real-world project on “Integration and Control of Distributed Energy Resources” in collaboration with industry partners.

If you are interested, please send CV, transcripts, and a sample publication to hanazar@okstate.edu. The subject of the email should be “YourLastName-Application for PhD Position”.

Solar PV System
Wind Turbine
Battery Energy Storage System
Power Electronic Devices

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