



SCHOOL OF  
**ELECTRICAL AND COMPUTER  
ENGINEERING**

# 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



Solar PV System



Wind Turbine



Power Electronic Devices



Battery Energy Storage System

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