

Office of Electricity-Grid Controls and Communications
Division
Varies

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Posted Nov. 25, 2024, set to expire Mar. 24, 2025

Job Title	Office of Electricity-Grid Controls and Communications Division
Department	Department of Energy https://www.energy.gov/oe/office-electricity
Institution	Varies Washington, District of Columbia
Date Posted	Nov. 25, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Graduate Student Post-Doc
Academic Field(s)	Mechanical Engineering Material/Metallurgy Industrial & Systems Engineering Engineering Physics Engineering Mechanics Energy Technology Electrical and/or Electronics Computer Engineering Computer Science
Job Website	https://www.zintellelect.com/Opportunity/Details/DOE-STP-OE-2024-0001
Apply Online Here	https://www.zintellelect.com/Opportunity/Details/DOE-STP-OE-2024-0001
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Job Description

DOE Science, Technology and Policy Program– Office of Electricity-Grid Controls and Communications Division

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About the Office of Electricity

The mission of the Office of Electricity is to lead the Department of Energy's research, development, and demonstration programs to strengthen and modernize our nation's power grid so that our nation maintains a reliable, resilient, and secure electricity delivery infrastructure. OE's vision includes working closely with industry and other stakeholders, we drive technological and operational advancements that ensure that every American home and business has reliable access to affordable energy, and that the U.S. sustains its global leadership in clean energy transformation.

About the OE Grid Controls and Communications Division

The Grid Controls and Communications (GCC) Division manages research, development, and demonstration programs aimed at modernizing the Nation's electricity delivery system including secure communications, controls and protection systems. The Division is responsible for engineering end-to-end systems for communications, grid modeling, measurement and controls, and operations and planning.

What will I be doing?

Fellows with the OE Grid Controls and Communications Team can expect:

- Learning to review projects for technical merit and insuring outcomes meet expectations, goals and impact.
- Participating in the technical development for workshops related to grid modernization including infrastructure interdependencies.
- Collaborating on written products, including reports, blog posts, technical bulletins or and peer

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reviewed papers.

- Providing research support for R&D roadmap development and quick-turn information requests.
- Participating in program support activities such as data collection, tracking, and technical engagements.
- Engaging with other DOE Program Offices, federal agencies, and external stakeholders

Participant Provisions

Selected candidates will receive a stipend. Amounts are determined by DOE officials, based on the candidate's academic and professional background, starting at approximately:

- Bachelor's degree: \$70,000
- Master's degree: \$80,000
- PhD: \$100,000

Fellows are eligible for health insurance benefits through the ORISE network provider. OE will provide a health insurance benefits allowance towards the Fellow's benefits cost, up to the cost of the ORISE network provider premium cost.

Fellows will also receive travel and training allowances to support professional development activities.

Eligible disciplines include:

- **Computer, Information, and Data Sciences:**
 - Computer Science (General)
 - Data Science
 - Networks and Communications
- **Engineering:**
 - Computer and Systems Engineering
 - Electrical and Electronic Engineering
 - Energy
 - Engineering (General)
 - Engineering Physics
 - Engineering Sciences
 - Industrial Engineering
 - Materials Science Engineering
 - Mechanical Engineering
- **Non-Science and Engineering:**
 - Public Affairs

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- Risk Analysis
- **Social and Behavioral Sciences:**
 - Political Science and Government
 - Public Policy
 - Science Policy/Science & Society
 - Sociology (except social work)

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Location: Washington, D.C. Remote appointments may be available.

The details: You must be a U.S. Citizen with a Bachelor's, Master's, or Doctoral Degree and be 18 years of age.

Program Website: <https://www.energy.gov/oe/office-electricity>

Questions? Email DOE-RPP@orise.orau.gov. Please list the reference code [DOE-STP-OE-2024-0001] for this opportunity in the subject line of your email.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact DOE-RPP Team
Department of Energy
Oak Ridge Institute for Science and Education
Varies,

Contact E-mail DOE-RPP@orise.orau.gov