

Office of Electricity-Grid Controls and Communications
Division Fellows
Varies

Direct Link: <https://www.AcademicKeys.com/r?job=251875>

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Posted Jan. 21, 2025, set to expire May 22, 2025

Job Title	Office of Electricity-Grid Controls and Communications Division Fellows
Department	Department of Energy https://www.energy.gov/oe/office-electricity
Institution	Varies Washington, District of Columbia
Date Posted	Jan. 21, 2025
Application Deadline	Feb. 10, 2025
Position Start Date	Available immediately
Job Categories	Graduate Student Post-Doc
Academic Field(s)	Polymer Science Ocean Engineering Nuclear Naval Architecture & Marine Engineering Mechanical Engineering Material/Metallurgy Industrial & Systems Engineering Ecological and Environmental Engineering Physics Engineering Mechanics Energy Technology Electrical and/or Electronics Computer Engineering Computer Science Civil Engineering Chemical/Petroleum Bioengineering (all Bio-related fields)

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Architectural (Building & Construction)

Agricultural

Aerospace/Aeronautical/Astronautics

Engineering - Other

Job Website <https://www.zintellect.com/Opportunity/Details/DOE-STP-OE-2024-0003>

Apply Online Here <https://www.zintellect.com/Opportunity/Details/DOE-STP-OE-2024-0003>

Apply By Email

Job Description

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

<https://www.zintellect.com/Opportunity/Details/DOE-STP-OE-2024-0003>

Application Deadline: February 10, 2025 @ 3:00 PM Eastern Time Zone

About the Office of Electricity

The mission of the Office of Electricity (OE) 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 to drive technological and operational advancements that ensure that every American home and business has reliable access to affordable

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energy, and that the U.S. sustains its global leadership in 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.

OE is seeking ORISE DOE-STP Fellows to participate in its missions of pioneering advanced technologies to transform the nation's electric grid. OE develops cutting-edge technologies to make the nation's electricity system more reliable, resilient, secure and affordable.

What will I be doing?

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

- Learn to review projects for technical merit and ensuring outcomes meet expectations, goals and impact.
- Participate in the technical development for workshops related to grid modernization including infrastructure interdependencies.
- Collaborate on written products, including reports, blog posts, technical bulletins, and peer-reviewed papers.
- Provide research support for R&D roadmap development and quick-turn information requests.
- Participate in program support activities such as data collection, tracking, and technical engagements.
- Engage with other DOE Program Offices, federal agencies, and external stakeholders

The OE Grid Controls and Communications Division has several projects available for fellows to gain hands-on experience and developmental opportunities under the guidance of an OE mentor.

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

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- 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.

Preferred Academic Disciplines:

- Computer, Information, and Data Sciences (e.g. Networks and Communications, Human Computer Interaction)
- Engineering (e.g., Computer, Systems, Electrical/Electronic, Energy, Industrial, Materials Sciences, or Mechanical Engineering)
- Other Non-Science & Engineering (e.g. Public Affairs, Risk Analysis)
- Social and Behavioral Sciences (e.g., Political Science and Government, Public Policy)
- Physics (e.g. Applied Physics, Physics General)

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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-2024-0003] 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 Alyson
Department of Energy



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Oak Ridge Institution for Science and Education
Oak Ridge, TN

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