Opportunity Title: DOE-STP-Office of International Affairs-Energy Markets Data Fellow

Opportunity Reference Code: DOE-STP-IA-2025-0001

Organization	U.S. Department of Energy (DOE)
Reference Code	DOE-STP-IA-2025-0001
How to Apply	Click on *Apply* below to start your application.
Application Deadline	5/9/2025 11:59:00 PM Eastern Time Zone
Description	The U.S. Department of Energy (DOE) Science, Technology and Policy Program (DOE-STP) is designed to provide opportunities for students, postgraduates, and faculty to participate in programs, projects, and activities at the Department. Fellows will receive hands-on experience that provides an understanding of the mission, operations, and culture of the DOE. As a result, fellows will gain deep insight into the federal government's role in the creation and implementation of energy technology policies; apply their scientific, policy, and technical knowledge to the development of solutions to issues of importance to the DOE and continue their education and involvement in areas that support the DOE mission either in a technical or policy-related role

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About this Opportunity

The U.S. Department of Energy (DOE) Office of International Affairs (IA), in collaboration with the Oak Ridge Institute for Science and Education (ORISE), is seeking a highly motivated candidate for an Energy Markets Data Fellowship. This opportunity is ideal for individuals interested in contributing to U.S. international energy policy through rigorous data analysis and market research.

The selected fellow will collaborate with IA staff to support the Department's international energy engagement by collecting, organizing, and synthesizing data on global energy markets. The fellow's participation on this project will inform high-level policy discussions, strategic briefings, and collaboration with international partners.
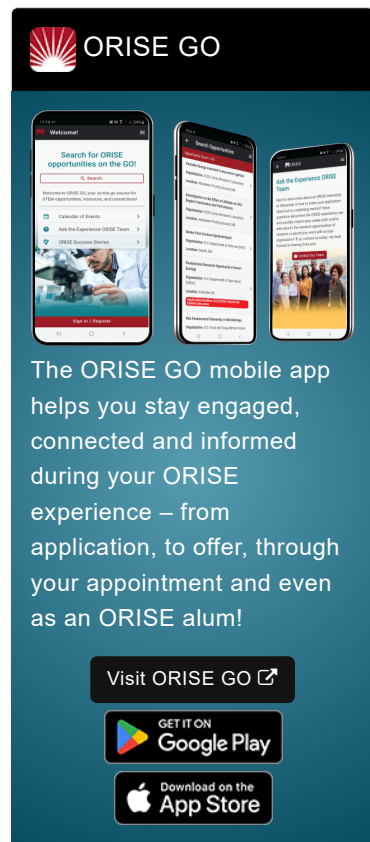
To learn more about the Office of International Affairs here.

Learning Objectives

Through this fellowship, the participant will:

- Gain knowledge of federal energy policy development and international affairs.
- Learn how to identify, collect, and analyze global energy market data from international and domestic sources.
- Contribute to U.S. energy engagements by providing timely and accurate market intelligence to inform DOE leadership and interagency efforts.
- Collaborate with experts across DOE, U.S. government agencies, and international institutions.

Key Activities

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The fellow may participate in the following activities:

- Compile and clean datasets from diverse sources, including the U.S. Energy Information Administration (EIA), International Energy Agency (IEA), OPEC, Energy Institute Statistical Review, national governments, and market intelligence platforms.
- Analyze global energy trends in areas such as oil and gas, electricity, renewables, energy trade, and pricing.
- Develop charts, graphics, and briefings that communicate complex data clearly to non-technical audiences.
- Participate in preparing policy briefs, reports, and presentations for DOE leadership and interagency stakeholders.
- Learn about IA's engagement in international forums, bilateral dialogues, and strategic initiatives with data-driven insights.

Participant Benefits

Participants will receive a stipend to be determined by IA. Stipends are typically based on the participant's academic standing, discipline, experience, and research facility location. IA may authorize a supplemental stipend to offset the costs of health insurance. Participants are eligible to purchase health insurance plans offered through ORISE. Participants may receive an allowance for education and/or scientific activities as approved by IA.

Duration

This fellowship is initially for three months in length with the possibility of extension. Extensions are determined by IA and are based on the project needs, availability of funds, and fellow interest and availability.

Appointment Location

Washington, D.C.

Nature of Appointment

The participant will not enter into an employee/employer relationship with ORISE, ORAU, DOE, or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE letter of appointment and Terms of Appointment.

Qualifications Qualifications

Required:

- Bachelor's or Master's degree in a relevant field (e.g., economics, energy studies, public policy, international relations, data science).
- Strong data analysis skills and attention to detail.
- Proficiency in Excel and data visualization.
- Interest in global energy systems, policy, or market dynamics.
- U.S. citizenship

Preferred:

- Familiarity with international energy data sources (e.g., IEA, EIA, OPEC).
- Familiarity with programming or data tools (e.g., Python, R, SQL, Tableau).
- Understanding of global energy markets, trends, and trade.
- Excellent written and verbal communication skills.

How to Apply

A complete application consists of:

- Zintellect Profile and responses to opportunity specific questions.
- Transcripts/Academic Records - For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. Selected candidates may be required to provide proof of completion of the degree before the appointment can start.
- A current resume/CV, including academic history, employment history, and relevant experiences (*see below for instructions).
- One Recommendation - Applicants are required to provide contact information for one recommender in order to submit the application. You are encouraged to request a recommendation from professionals who can speak to your abilities and potential for success, as well as your scientific capabilities and personal characteristics. Recommendation requests must be sent through the Zintellect application system. Recommenders will be asked to complete a recommendation in Zintellect. Letters of recommendation submitted via email will not be accepted. Recommendations must be submitted on your behalf through Zintellect before an offer is made.

All documents **must** be submitted via Zintellect in order to be considered and must be in English or include an official English translation. Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system.

*The resume/CV must include the following:

- Basic applicant Information: Name, address, phone, email, and other contact information.
- Work & Research Experience: List all work and research experiences beginning with current or most recent. Include the name of the employer, location, position held, and time period involved.
- Leadership Experience: List experiences (e.g., work, civic, volunteer, research) that demonstrate your leadership skills. Detail your role, type of experience, organization, location, and duration.
- Educational History: List all institutions from which you received or expect to receive a degree, beginning with current or most recent institution. Include the name of the academic institution, degree awarded or expected date of awarded or expected degree, and

academic discipline.
- Honors & Awards: List in chronological order (most recent first) any awards or public recognitions. Include the name of awarding institution, title of the award or honor, and date of award or honor.

If you have questions, please send an email to DOE-RPP@orise.orau.gov. Please list the reference code for this opportunity in the subject line of your email: DOE-STP-IA-2025-0001

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Point of Contact	Alyson

Eligibility Requirements	- **Citizenship:** U.S. Citizen Only
	- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree.
	- **Discipline(s):**
	  - **Business** (3 👁)
	  - **Computer, Information, and Data Sciences** (3 👁)
	  - **Engineering** (1 👁)
	  - **Mathematics and Statistics** (1 👁)
	  - **Social and Behavioral Sciences** (4 👁)