

CAREER OPPORTUNITIES

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Office of Electricity Delivery & Energy Reliability (OE)



MAKE A DIFFERENCE

A modern, electric grid that can deliver electricity reliably, responsibly and efficiently is fundamental to building clean and efficient energy sources. You can make a difference by joining OE in transforming the grid, and in doing so:

- ▶ Transform the way we generate and use energy – build the next generation of “Smart Grid” technologies to improve reliability and enable consumer choice;
- ▶ Develop energy storage technologies and other tools to integrate renewable energy into the grid;
- ▶ Work with state partners to meet new transmission needs; and
- ▶ Enhance the security of our energy infrastructure by addressing cyber security threats and speeding recovery from natural disasters like hurricanes.

President Obama has said, “Our future is what we build it to be.”

At OE, YOU can help us build a clean energy future.



OUR MISSION

is to lead national efforts to modernize the electric grid. Through the integration of research, planning and analysis we work to create a future electricity system that is less vulnerable to disruption, more efficient, and is designed and operated to serve the new markets and energy demands of the 21st century.

OE MAY BE THE PLACE FOR YOU

The U.S. electricity delivery system and the fossil fuel, nuclear and renewable energy resources we use to generate electricity are essential to our economy. By 2030 America is expected to consume 25% more electricity than we do today even with advances in energy efficiency. As demand grows and stresses our energy systems, we must deal urgently with protecting and strengthening an infrastructure that was not built to accommodate new energy technologies, limit greenhouse gases, or withstand natural and man-made threats that come with climate change and global terrorism. The U.S. Department of Energy's Office of Electricity Delivery and Energy Reliability (OE) is at the forefront in finding solutions to these problems.

DO YOU have an interest in...

- ▶ Managing research on, and developing advanced energy technologies?
- ▶ Analyzing U.S. energy systems and markets and working with regulators, businesses and governments to improve the reliability, resilience, efficiencies and cost effectiveness of electricity?
- ▶ Facilitating emergency planning, preparation and response to natural disasters and man-made threats to critical energy infrastructure at home and abroad?
- ▶ Providing business and administrative expertise in the areas of security, human resources, budgeting, communications, logistics, and training to support efforts to address our nation's energy challenges?



OE MAY BE THE PLACE FOR YOU

USE AND EXPAND YOUR KNOWLEDGE, SKILLS, AND EXPERIENCE

OE is a small office of less than 90 people, so every single OE employee is involved significantly in program activities. OE will offer you challenging assignments whether you are an emergency responder preparing to deploy to a hurricane area, a physical scientist interested in the latest generation of high-temperature superconducting materials, an economist interested in the workings of utility regulation, or a business major that wants to offer new ideas to advance business opportunities. You only have to go next door to work with top experts in your field.

MEET AND WORK WITH LEADERS IN YOUR FIELD

OE works closely with industry, National Laboratories, universities, regulators, state and local officials, and foreign governments to accomplish its work. Our influence and effectiveness depend on marshalling resources in the private sector and other institutions that can conduct the research we fund, enforce the laws and regulations that OE helps develop, and prepare for and respond to national emergencies. OE staff have unparalleled access to the leaders who are researching the next generation of energy technology, developing the innovative energy policies and regulations that will guide markets, and who are operating our energy infrastructure and protecting it from harm.

The Research and Development Division

manages a portfolio of projects to create next-generation electric delivery technologies and accelerate their introduction to the marketplace. By understanding the vulnerabilities and weaknesses of today's grid, we can use this information to develop better technologies and solutions for the future.

The Permitting Siting and Analysis Division

implements mandatory requirements set by the Energy Policy Act of 2005 to modernize the electric grid and enhance the reliability of the energy infrastructure by contributing to the development and implementation of electricity policy at the Federal and State levels. This Division is also tasked with analyzing transmission congestion, proposing energy corridors for the Energy Secretary's consideration, coordinating Federal agency review of applications to site transmission facilities on federal lands, and authorizing international transmission facilities and exports of electricity.

The Infrastructure Security and Energy Restoration

Division coordinates the Department of Energy's response to energy emergencies and helps state and local governments and the private sector recover from disruptions to the energy infrastructure. The Division works with government entities and industry to develop a viable critical infrastructure protection program to ensure the security of the nation's energy system and a reliable flow of energy.

Business Operations

provides comprehensive administrative support to OE's efforts to address our nation's energy challenges. Support is provided in the areas of security, human resources, budgeting, communications, logistics, and training. This includes developing information systems that enhance OE's effectiveness and attracting highly qualified candidates for staff positions.



ACT NOW... AND MAKE A DIFFERENCE

OE seeks talented and motivated individuals in a wide range of occupations, including Engineers, Physical Scientists, Financial and Business Specialists, Managers, Energy Operation Specialists, Infrastructure Systems Analysts, Social Scientists, Transmission Siting Analysts, Environmental Specialists, and individuals with Legal Background. If this describes you and you are interested in employment with the Office Of Electricity Delivery and Energy Reliability, please contact us and we will send you information on career opportunities and how to apply for those positions.

Email: oe Careers@hq.doe.gov