



U.S. Energy Information Administration

NISS Virtual Career Fair
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December 14, 2022 Washington, DC

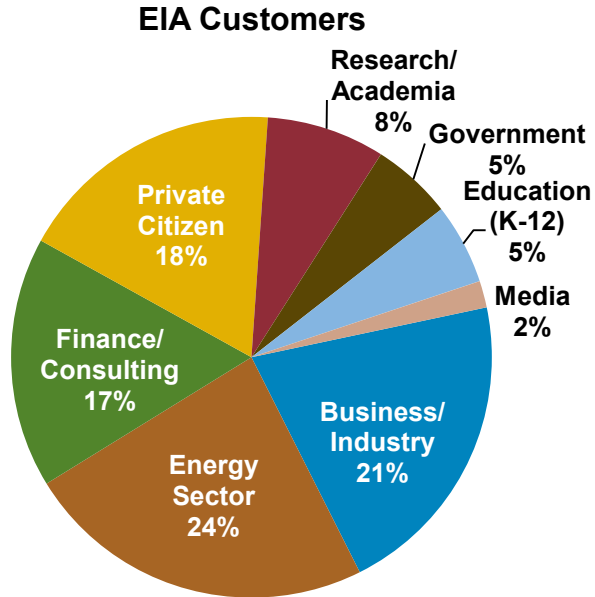
Who are we?

We are one of 13 principal federal statistical agencies.

Mission: EIA collects, analyzes, and disseminates independent and impartial energy information to promote sound policymaking, efficient markets, and public understanding of energy and its interaction with the economy and the environment.

EIA is the nation's premier source of energy information. By law, its data and analyses do not require approval by any other officer or employee of the United States Government.

EIA's information is used by a range of stakeholders



Data Source: U.S. Energy Information Administration (EIA),
2020 Customer Satisfaction Survey

Government

- Executive agencies – track energy markets and analyze policy proposals. Some examples of agencies include the White House and the U.S. Environmental Protection Agency
- Congress – refers to our data when drafting policy development and agency funding
- State governments – consult our data during planning and program development

Energy Sector

- Consumers – monitor actual and projected prices
- Producers – track inventory statistics

Business and Industry

- Manufacturers – conduct market research

Finance and Consulting

- Commodities analysts – explore the market response to supply data

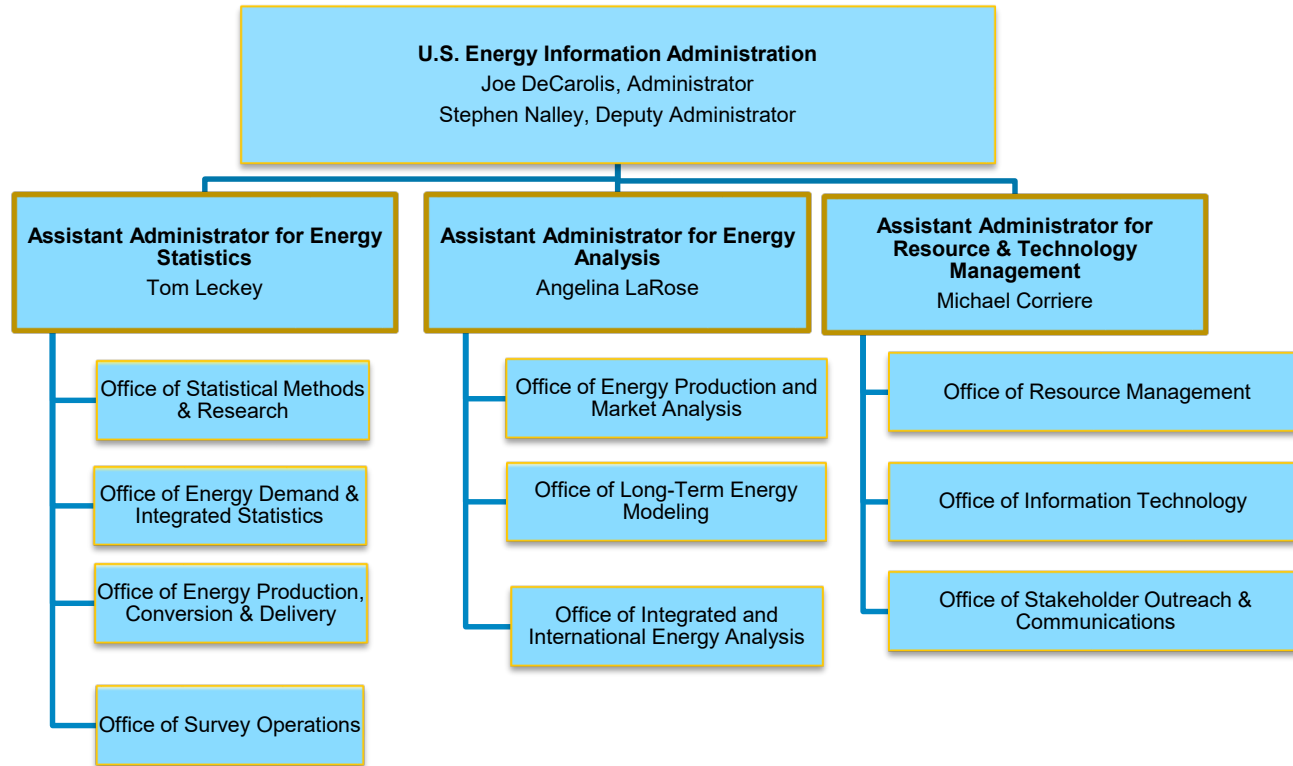
Media, Research, and Education

- Journalists – cite energy statistics
- Teachers – use *Energy Kids* materials
- Researchers – study energy forecasting and modeling

Private Citizens

- Public – reads *Energy Explained* to learn about energy topics

EIA's organizational structure



Office responsibilities

- Office of Energy Statistics (OES)
 - Provides data across all energy sectors to include resources and production; transformation, distribution, storage, and trade; and energy end-use:
 - Consumption surveys
 - Key benchmarks for energy markets (*Weekly Natural Gas Storage Report* and *Weekly Petroleum Status Report*)
- Office of Energy Analysis (OEA)
 - Produces observational analysis, short-term forecasts, and long-term outlooks
 - *Short-Term Energy Outlook* (STEO)
 - *Annual Energy Outlook* (AEO)
 - *International Energy Outlook* (IEO)

Hiring


- Types of positions
 - Math statisticians
 - Statisticians
 - Economists
 - General engineers

- Requirements for positions
 - U.S. citizenship
 - Must meet educational requirements based on position type (for example, a degree in economics is required to be hired as an economist)

Qualification requirements for different grade levels vary and are listed in the Job Announcements posted on USAJobs. Grade level is typically determined by education or a combination of education and experience

- How to apply
 - DOE/EIA uses Direct Hire Authority for STEM positions.
 - All positions are listed on USAJobs and on the EIA Careers page.

EIA Careers page



The screenshot shows a web browser window displaying the EIA Careers page. The browser's address bar shows the URL `eia.gov/about/careers/`. The page header features the EIA logo, the text "Independent Statistics and Analysis U.S. Energy Information Administration", and navigation links for "Sources & Uses", "Topics", and "Geography". A search bar is also present. The main content area is titled "CAREER OPPORTUNITIES" and includes a banner image of five people. A left sidebar contains a menu with items like "Career Opportunities", "Current Openings", "Internships", "Why Government Service at EIA", "Why I Chose EIA", "Application Tips & Contacts", and "This is Statistics: Learn about careers in statistics". The main text area is titled "Join Our Team" and contains several paragraphs of text describing the organization's mission and the qualifications they seek. At the bottom, there is a navigation bar with three tabs: "Job openings", "EIA team/office", and "About the work".

U.S. Energy Information Administration

Independent Statistics and Analysis
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CAREER OPPORTUNITIES

- Career Opportunities
 - Current Openings
 - Internships
- Why Government Service at EIA
- Why I Chose EIA
- Application Tips & Contacts
- This is Statistics: Learn about careers in statistics

Join Our Team

Join our team of professionals who provide comprehensive, reliable energy data, analysis, and forecasts to industry, government, media, academia, and the American public. Our work promotes sound policymaking, efficient markets, and public understanding of energy and its interaction with the economy and the environment.

We are searching for candidates who qualify as statisticians, mathematical statisticians, economists, and general engineers. Although we prefer degrees in mathematics, statistics, economics, operations research, and engineering for entry-level positions, degrees in social sciences or business may qualify as well, especially if you have an emphasis on statistical data gathering and analysis. We also are looking for graduates who have taken courses in regression and linear modeling, in exploratory data analysis, and in econometrics.

Beyond the technical qualifications, we seek intelligent, flexible, and motivated employees who have good team skills and who like to think critically, innovate, and solve problems. Effective writing skills are also a definite plus.

You must be a U.S. citizen.

Current Openings

Job openings EIA team/office About the work

EIA Careers page (continued)

The screenshot shows the EIA website's 'Current Openings' page. The browser address bar shows 'eia.gov/about/careers/'. The page features a dark blue header with the EIA logo, navigation links for 'Sources & Uses', 'Topics', and 'Geography', and a search bar. Below the header, the 'Current Openings' section is displayed as a table with three columns: 'Job openings', 'EIA team/office', and 'About the work'. The table lists five job openings, each with a dropdown arrow next to the job titles. To the right of the table, there are social media icons for Twitter and Facebook.

Job openings	EIA team/office	About the work
Math Statistician, GS 11-13 Survey Statistician, GS 11-13 Economist, GS 11-13	Office of Survey Operations	Manage data collection for more than 50 surveys on fuels, including petroleum, uranium and nuclear fuels, natural gas, electricity and renewables; manage the frames using major databases and knowledge of energy systems; understand the entire population from which the samples are drawn and screen out entities that don't belong in the frame
Math Statistician, GS 11-13 Survey Statistician, GS 11-13 Economist, GS 11-13	Office of Energy Production, Conversion & Delivery	Process data from surveys into tables and reports that can be used by modelers, policy makers, industry, and the public; use full knowledge of energy systems and economy to process data from surveys
Math Statistician, GS 11-13	Office of Statistical Methods & Research	Research and develop statistical methodologies for sample design, estimation, variance estimation, edits, treatments of non-response, and disclosure analyses. Develop data science techniques for frame constructions and record linkages, and evaluate administrative and third party data for augmenting EIA surveys. Build expertise in one or more specialized areas of statistics by participating in research conferences, workshops, and professional activities.
Math Statistician, GS 11-13 Survey Statistician, GS 11-13 Economist, GS 11-13	Office of Energy Demand & Integrated Statistics	Conduct the <i>Residential Energy Consumption Survey</i> , which measures energy demand in homes, giving policymakers and utilities state-level insight into how energy is used within households; conduct the Commercial Buildings Energy Consumption Survey, the country's largest and most comprehensive assessment of energy use in commercial buildings
Economist, GS 11-13	Petroleum & Liquid Fuels Markets Team	Analyze petroleum markets and contribute to reports and articles describing the analyses; contribute to

EIA Careers page (continued)

The screenshot shows the EIA website's careers page. The browser address bar displays "eia.gov/about/careers/". The navigation bar includes "Sources & Uses", "Topics", and "Geography", along with a search bar labeled "Search eia.gov". The main content area features a job listing for a position in the OES Strategic Plan, with a description: "in the OES Strategic Plan, developing new programs in OES, and expanding our data science work in products. Required to be located in the National Capital Region and the incumbents will be on a 50-99% telework agreement." Below this is a "How to Apply" section. It lists two categories of positions: "GS 11 – GS 14 positions (Remote and non-supervisory)" and "GS 15 (National Capital Region and supervisory)". Under the GS 11-14 category, it lists: Economist – <https://www.usajobs.gov/job/666054800>, General Engineer – <https://www.usajobs.gov/job/666056700>, Mathematical Statistician – <https://www.usajobs.gov/job/666060100>, and Statistician – <https://www.usajobs.gov/job/666057200>. Under the GS 15 category, it lists: Economist – <https://www.usajobs.gov/job/646318400>, Mathematical Statistician – <https://www.usajobs.gov/job/646362900>, and Statistician – <https://www.usajobs.gov/job/646370500>. A "Learn more about EIA." link is also present. The footer contains navigation links: "About EIA", "Open Data", "Press Room", "Careers", and "Contact Us", along with the address "U.S. Energy Information Administration, 1000 Independence Ave. SW".

For more information

U.S. Energy Information Administration home page | www.eia.gov

EIA Careers Page| www.eia.gov/about/careers/

Statistician Announcement| www.usajobs.gov/job/666057200

Math Statistician Announcement| www.usajobs.gov/job/666060100

Economist Announcement| www.usajobs.gov/job/666054800

General Engineer Announcement| www.usajobs.gov/job/666056700

USAJOBS Help Center| www.usajobs.gov/help/how-to/application/

Questions?