U.S. Energy Information Administration
2021 Agency Update

Council of Professional Associations on Federal Statistics (COPAFS)
Quarterly Meeting
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U.S. Energy Information Administration
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’s role is unique - by providing an unbiased view of energy markets, EIA increases transparency and promotes public understanding of important energy issues.

EIA’s FY 2021 appropriation is $126.8 million, which supports a staffing level of 359 federal employees and approximately 300 contractors.
EIA data provide key benchmarks for energy markets

- The *Weekly Natural Gas Storage Report* is designated as one of the nation’s Principal Federal Economic Indicators

- The *Weekly Petroleum Status Report* provides statistics on crude oil and petroleum product stocks, imports, and production

- The *Hourly Electric Grid Monitor* delivers timely insights into the nation’s electricity grid by providing near real-time demand data from the nation’s balancing authorities
EIA analysis brings context and meaning to energy data

Customers rely on EIA’s analysis:

- **Short-Term Energy Outlook (STEO):** Monthly forecasts of U.S. and global supply, consumption, trade, stocks, and prices with a horizon of 12 to 24 months
- **Annual Energy Outlook (AEO):** Projects U.S. energy supply, consumption, and trade over a 25- to 30-year period
- **International Energy Outlook (IEO):** Projects international energy supply, consumption, and trade over a 25- to 30-year period
- **Other reports and analysis,** including reports for Congress and other key stakeholders; *This Week in Petroleum* and *Natural Gas Weekly Update* summarizing developments in respective markets; and *Today in Energy*, which highlights topical energy trends

…but key challenges remain:

- Providing timely insights on current topical energy issues
- Understanding and interpreting the long-term impacts of technology and innovation on the energy sector
- Accounting for the impact of changing political dynamics on global energy markets
Recent program accomplishments have increased understanding of a dynamic energy landscape

• Delivered timely, relevant data and analysis to increase understanding of rapidly changing energy markets during the COVID-19 pandemic.


• Launched the U.S. Energy Atlas, a comprehensive reference for data and interactive maps of U.S. energy resources and infrastructure.

• Developed the new Monthly Biofuels Capacity and Feedstocks Update to help users track U.S. biofuels production capacities and feedstock consumption.

• Added weekly estimates of U.S. crude oil storage capacity utilization in the Weekly Petroleum Status Report.

• Provided timely energy information on severe Gulf Coast storms and western U.S. wildfires.

• Delivered expanded analysis of battery storage and the U.S. electric grid.

• Released new energy consumption data for commercial buildings and the manufacturing sector.

Energy Atlas site: [https://atlas.eia.gov/](https://atlas.eia.gov/)
COVID-19 presented unique challenges, but did not adversely affect EIA’s data program

- EIA continued to meet product release deadlines throughout the pandemic - the agency’s operational agility enabled timely adaptation to 100% telework.

- EIA exceeded its 95% target for on-schedule releases in FY 2020, and is continuing this trend in FY 2021.

- Response rates were relatively unaffected - EIA uses predominantly web-based data submission modes that allow respondents to report from anywhere while the mandatory legal reporting requirements remain unchanged.

- EIA does not anticipate any long-term effects due to COVID-19 on EIA data collection; data quality has remained high throughout this period.
EIA is monitoring COVID’s effect on the energy sector

U.S. electricity consumption
billion kilowatthours

Components of annual change
billion kilowatthours

Source: U.S. Energy Information Administration, Short-Term Energy Outlook, May 2021
Key takeaways

• EIA fills a unique and vital role by delivering independent, impartial energy data and analysis; by providing an unbiased view of energy markets, EIA increases transparency and promotes public understanding of important energy issues.

• EIA has expanded program coverage to fill crucial information gaps, and has deployed state-of-the-art dissemination tools and open data initiatives that have greatly increased information accessibility.

• Although it presented significant operational challenges, EIA maintained a timely, high quality information program throughout the COVID-19 pandemic.

• EIA continues to explore effective, efficient means of expanding program coverage to address emerging energy issues.
For more information

Annual Energy Outlook | www.eia.gov/outlooks/aeo
Short-Term Energy Outlook | www.eia.gov/outlooks/steo
International Energy Outlook | www.eia.gov/outlooks/ieo
Monthly Energy Review | www.eia.gov/mer
Energy Consumption Data | www.eia.gov/consumption
State Energy Portal | www.eia.gov/state
Today in Energy | www.eia.gov/todayinenergy