



Small Business FORUM & EXPO

July 11-12, 2023 | New Orleans Marriott | New Orleans, Louisiana

AMERICAN CLEAN ENERGY POWERED BY SMALL BUSINESSES



Doing Business with DOE

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**Office of Budget and Financial Management
Fossil Energy and Carbon Management**

July 11, 2023

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Introducing Fossil Energy and Carbon Management (FECM)

- FECM's vision is to minimize the environmental impacts of fossil energy and advance carbon management to help achieve the Administration's 2050 net-zero goal, while meeting the energy security needs of the U.S. and our allies.
- FECM conducts research and development (R&D) that focuses on technologies to reduce carbon emissions and other environmental impacts from fossil energy production and use and from key industrial processes, particularly the hardest-to-decarbonize applications in the electricity and industrial sectors. Furthermore, the program advances technologies that convert and store carbon dioxide into value-added products and that remove carbon dioxide already in the atmosphere, as well as the technologies necessary to help advance clean hydrogen and the production of critical minerals.
- FECM recognizes that broad decarbonization is essential to meeting climate goals -- 100% carbon pollution-free electricity by 2035 and net-zero greenhouse gas emissions economy-wide by 2050 -- and works to engage with international colleagues to leverage expertise in these areas. FECM is also committed to improving the economic and environmental conditions of communities and is partnering with communities and regions across the country to help drive economic development, technological innovation, and high-wage jobs as we build a clean energy and industrial economy.

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Forecast Opportunities*

Description	RFP Release Date	Estimated Dollar Range
Contracts		
Management Consulting with Specialization in Energy and Economy Modeling Services	FY 2023 – 4th Quarter	\$5-\$10M
Technical and Systems Data Program Access for Fossil-Based Energy Systems	FY24 - 1st Quarter	\$1-\$3M
FOAs		
DE-FOA-3015 - Two to three sites at ~\$8M per site with a focused on EOR and CO2 storage	FY 2023 – 4th Quarter	\$20M
DE-FOA-2711 - The Carbon Storage Technology and Operations Research Facility (CarbonSTORE) is a new initiative to leverage existing carbon storage infrastructure to catalyze the rapid development and field testing of advanced carbon storage technologies that would support a safe and affordable CCS industry.	FY24 - 1st Quarter	\$12.5M
DE-FOA-2956 - Advancing Technology Development for Securing a Domestic Supply of Critical Minerals and Materials (CMM)	TBD	\$15.6M
DE-FOA-3016 - University Turbines Systems Research - Focus on materials for gas turbines (ceramic matrix composites, single-crystal materials, advanced manufacturing).	TBD	\$7M
DE-FOA-3019 - Pre-FEED Studies for Industry Asset Transformations to Clean Energy Applications	TBD	\$4M
DE-FOA-3002 - University Training and Research for Fossil Energy and Carbon Management	TBD	\$17.7M
DE-FOA-0003105- Bipartisan Infrastructure Law (BIL) Critical Material Innovation, Efficiency, and Alternatives	TBD	\$150M

*Opportunity forecasts are subject to change at the discretion of the Contracting Officer.

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DOE Contracts and Grant Opportunities:

SAM.gov – Contract opportunities are procurement notices from federal contracting offices. Anyone interested in doing business with the government can use Sam.gov to search various opportunities, such as pre-solicitation notices, solicitation notices, award notices, and sole source notices.

Grants.gov – Federal funding opportunities published on Grants.gov are for organizations and entities supporting the development and management of government-funded programs and projects.

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Your Opinion Matters!



Please complete the session/speaker evaluation, found in the mobile app. Thank you.

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Questions & Assistance

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