

## Critical and Emerging Technology (CET)

FY 2024 Enacted	FY 2025 Enacted	FY 2026 Request	FY 2026 Request vs FY 2025 Enacted
0	0	2,000	+2,000

### Proposed Appropriation Language

For Department of Energy administrative expenses necessary for activities related to the coordination of Department programs involving critical and emerging technologies in carrying out the purposes of the Department of Energy Organization Act (42 U.S.C. 7101 et seq.), \$2,000,000 shall be available until September 30, 2027.

### Mission

The Critical and Emerging Technologies (CET) function leverages capabilities and expertise across the Department of Energy and its 17 National Laboratories to sustain and extend U.S. leadership in technology in support of DOE's energy, science, and national security mission. CET amplifies DOE's expertise and capabilities in emerging technologies; coordinates DOE equities across diverse program portfolios, including the national labs, to support and inform policymaking; and develops partnerships with industry and academia to advance breakthroughs and accelerate integration of technologies into the U.S. commercial sector.

### Overview

CET has primary responsibility for coordinating across the Department and national laboratories to leverage the complex's world-class expertise, facilities, and capabilities in artificial intelligence (AI) and machine learning (ML), quantum information science and technology, and other critical and emerging technologies. To ensure a unified Departmental voice on issues related to critical and emerging technologies, CET will coordinate and leverage expertise across the Office of Science; the National Nuclear Security Administration; the Office of Electricity; the Office of Energy Efficiency and Renewable Energy; the Office of Fossil Energy; the Office of Nuclear Energy; the Office of Cybersecurity, Energy Security, and Emergency Response; the Advanced Research Projects Agency-Energy (ARPA-E), International Affairs; the Office of the Chief Information Officer; the Office of Intelligence and Counterintelligence, the Office of Technology Commercialization, and the 17 national laboratories.

**Salaries and Benefits** support federal employees at Headquarters who provide executive management and analysis for the effective coordination of critical and emerging technologies at DOE. CET's staffing efforts focus on developing an interdisciplinary team of experts with the requisite skills to ensure that DOE's capabilities in critical and emerging technology are leveraged across the Department, the interagency, and external stakeholders. Staff will include leads on critical and emerging technologies, supported with detailees from programs and/or the national laboratories.

**Travel** includes transportation, per diem, and incidental expenses allowing CET to effectively deliver on its mission. Major drivers of travel includes support for internal and external workshops and other stakeholder engagements, support for DOE leadership engagements on critical and emerging technologies, and activities to advance strategic technology partnerships with industry and other stakeholders.

**Support Services** include contractor support to perform administrative and analytical tasks in support of CET's mission. In addition, support services includes assistance with communications and outreach to enhance external communications and engagement and support from Internship programs. The Request also includes contractor support to perform administrative and analytical tasks in support of CET's mission.

**Other Related Expenses** include DOE's Working Capital Fund support, Energy Information Technology Services, office furniture, general and advanced training, security clearances, and other miscellaneous expenditures.

### Highlights of the FY 2026 Budget Request

This budget request accounts for increased on-board FTE to effectively execute CET's coordination function. The FY 2026 request will ensure that Department has a capable federal team to effectively work across the DOE complex, interagency partners, and external stakeholders to advance American leadership in critical and emerging technologies.

**Program Direction  
Funding (\$K)**

	<b>FY 2024 Enacted</b>	<b>FY 2025 Enacted</b>	<b>FY 2026 Request</b>
Salaries and Benefits	-	-	1,380
Travel	-	-	65
Support Services	-	-	35
Other Related Expenses	-	-	520
<b>Total, Washington Headquarters</b>	-	-	<b>2,000</b>
<b>Federal FTEs</b>	-	-	<b>6</b>
Technical Support	-	-	35
<b>Total, Support Services</b>	-	-	<b>35</b>
Other Services	-	-	20
EITS Desktop Services	-	-	200
WCF	-	-	300
<b>Total, Other Related Expenses</b>	-	-	<b>555</b>

**Program Direction  
Activities and Explanation of Changes  
(\$K)**

<b>FY 2025 Enacted</b>	<b>FY 2026 Request</b>	<b>Explanation of Changes FY 2026 vs FY 2025</b>
<b>Program Direction \$0</b>	<b>\$2,000</b>	<b>+\$2,000</b>
<i>Salaries and Benefits \$0</i>	<i>\$1,380</i>	<i>+\$1,380</i>
	For 6 FTEs at HQ to provide management and coordination across the DOE complex.	Increased to account for the addition of 6 FTEs to help coordinate across the Department on critical and emerging technologies such as AI and quantum information science.
<i>Travel \$0</i>	<i>\$65</i>	<i>+\$65</i>
	Includes transportation, subsistence, and incidental expenses for both international and U.S. travel that allow CET to effectively facilitate its mission.	Increased due to establishment and reflective of FTE count, cost inflation, and in-person travel needs.
<i>Support Services \$0</i>	<i>\$35</i>	<i>+\$35</i>
	Support budget, acquisition, human resources, communications, business systems, and administrative support needs.	Increased due to establishment of the CET function.
<i>Other Related Expenses \$0</i>	<i>\$520</i>	<i>+\$520</i>
	Includes equipment and replacements, office furniture, minor construction, commercial credit card purchases using simplified acquisition procedures when possible, general and advanced training, and miscellaneous expenditures.	WCF, EITS, and general training costs associated with Federal workforce.