

Departmental Administration
Proposed Appropriation Language

For salaries and expenses of the Department of Energy (DOE) necessary for departmental administration in carrying out the purposes of the Department of Energy Organization Act (42 U.S.C. 7101 et seq.), \$534,053,000 to remain available until September 30, 2025, including the hire of passenger motor vehicles and official reception and representation expenses not to exceed \$30,000, plus such additional amounts as necessary to cover increases in the estimated amount of cost of work for others notwithstanding the provisions of the Anti-Deficiency Act (31 U.S.C. 1511 et seq.): Provided, That such increases in cost of work are offset by revenue increases of the same or greater amount: Provided further, That moneys received by the Department for miscellaneous revenues estimated to total \$100,578,000 in fiscal year 2024 may be retained and used for operating expenses within this account, as authorized by section 201 of Public Law 95–238, notwithstanding the provisions of 31 U.S.C. 3302: Provided further, that the sum herein appropriated shall be reduced as collections are received during the fiscal year so as to result in a final fiscal year 2024 appropriation from the general fund estimated at not more than \$433,475,000.

Explanation of Change

In FY 2024, the Request will allow DOE to provide historic support for underserved communities, including \$54,000,000 for the Office of Economic Impact and Diversity to play a critical role in implementing the Department’s Justice40 efforts and equity action plan. The Request invests \$50,000,000 through the Office of International Affairs to accelerate international climate progress, deploy American innovation, and support economic prosperity at home and abroad. The Request includes and \$8,000,000 to increase multilateral engagement. The Office of Management requests \$26,000,000 for electric vehicles and charging infrastructure. The Office of Policy Request includes \$19,000,000 for a new statistical/analytical capability that will provide near-real time analysis to be used by policymakers across the government to inform decisions. To continue to address Cyber vulnerabilities, the Department is requesting \$19,000,000 dedicated to cyber response and recovery management through the Office of the Chief Information Officer for the DOE enterprise.

Departmental Administration
((\$K)

FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted
240,000	283,000	433,475	+150,475

Overview

The Departmental Administration (DA) appropriation funds 13 management and mission support programs that have enterprise-wide responsibility for administration, accounting, budgeting, contract and project management, human resources management, congressional and intergovernmental liaison, international cooperation and coordination, information management, life-cycle asset management, legal services, energy jobs, energy justice, workforce diversity and equal employment opportunity, ombudsman services, small business advocacy, sustainability, arctic energy coordination, and public affairs.

DA supports Strategic Partnership Projects (SPP) that are reimbursed by customers of the DOE laboratories; and receives Miscellaneous Revenues that offset the costs of the overall program of work. Additionally, the DA program of work operates by executing Defense-Related Administrative Support (DRAS) funding, appropriated within Other Defense Activities (ODA). This accounts for the support DA programs provide for the Defense portion of DOE.

Highlights of the FY 2024 Budget Request

In 2024 the DA Budget increase of \$150,475,000 reflects a dedication to strengthen enterprise-wide management and mission support functions, per the Administration’s priorities, as the highlights below outline:

- **Office of the Secretary (OSE):** Funding will continue to support leadership and policy direction at the Department.
- **Office of the Chief Financial Officer (CFO):** Funding will support corporate business systems to meet and comply with updated cybersecurity requirements and initiatives; continued implementation of the Robotic Process Automation (RPA) initiative across the CFO activities; enhance systems supporting enterprise business processes and systems; and staff support for Evidence Act Implementation.
- **Economic Impact & Diversity (ED):** Funding will support ED’s role as central coordinator and departmental subject matter expert on equity and justice, to include technical assistance to minority businesses, Minority Serving Institutions, and third-party evaluation of Justice40 benefits. Funding continues support for direct oversight of Civil Rights/Employment Equal Opportunities (EEO) to support increased Civil Rights Enforcement, Compliance, and Technical Assistance for the DOE enterprise (except for NNSA), and to directly oversee the affirmative employment and diversity and inclusion functions for the DOE enterprise (except for NNSA and the PMAs), and expand external civil rights enforcement and compliance activities in the areas of Limited English Proficiency and TA. Staffing level supports EEO consolidation, energy justice, diversity, equity, and inclusion activities.
- **International Affairs (IA):** Funding will support the Administration’s efforts to accelerate international climate progress, deploy American innovation, and support economic prosperity at home and abroad and continue to pursue international climate and clean energy cooperation through key multilateral and bilateral forums with the objective to reduce global greenhouse gas emissions, create good paying American jobs, enhance U.S. competitiveness on critical energy technologies, and address the distributional impacts of foreign policy decisions (consistent with the Foreign Policy for the Middle Class agenda),.
- **Office of the Chief Information Officer (OCIO):** Funding will support OCIO’s continued modernization of DOE’s IT infrastructure and IT services to provide the capacity, flexibility, and resiliency required of a modern and secure enterprise. Proposed modernization initiatives will continue to reduce the threat of attacks to both DOE’s IT and operational technology assets through automation, scale capacity commensurate with demand, and establish IT enterprise capabilities. Cyber vulnerabilities identified by the SolarWinds intrusion incident of December 2020, will continue to be addressed through funds specifically dedicated to cyber response and recovery management in the FY 2024 Request.

- **Management (MA):** Funding will support MA's mission fulfillment, and continued expansion of the Department's electric vehicle fleet and charging infrastructure as part of DOE's transition from GSA-leased gas-powered vehicles to GSA-leased Zero Emission Vehicles.
- **Office for Human Capital (HC):** Funding will support current operational levels, maintain HC's vital customer service mission, and support ongoing initiatives related to developing more agile, cost-effective operations and modernizing hiring practices to improve the DOE workforce's ability to deliver mission outcomes. Additional funding will support hiring increases related to the Infrastructure Investment and Jobs Act, build upon Talent Teams and dedicated resources to provide HR and hiring managers with new tools and capabilities that are needed to effectively support mission needs.
- **Office of Policy (OP):** Funding will support enhanced energy policy and analysis work as an essential function to support urgently needed technology, economic, job creation, and energy-related goals; and the development of a new statistical/analytical capability to provide trend analyses of key energy indicators that can be used by policymakers across the entire government to inform decisions. Funds will also support the Arctic Energy Office.

**Departmental Administration
Funding by Congressional Control (\$K)**

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted	
				\$	%
Departmental Administration					
Office of the Secretary	5,582	6,642	6,737	+95	+1.4%
Congressional & Intergovernmental Affairs	6,000	5,000	7,198	+2,198	+44%
Chief Financial Officer	56,591	62,283	67,345	+5,062	+8.1%
Economic Impact & Diversity	20,000	34,140	53,665	+19,525	+57.2%
International Affairs	28,000	32,000	50,142	+18,142	+56.7%
Artificial Intelligence and Technology Office	1,000	1,000	-	-1,000	-
Chief Information Officer	197,000	215,000	245,169	+30,169	+14%
Subtotal, DA	314,173	356,065	430,256	+74,191	+20.8%
Other Departmental Administration					
Management	61,400	66,000	103,245	+37,245	+56.4%
Project Management	13,325	13,550	14,953	+1,403	+10.4%
Chief Human Capital Officer	28,200	35,300	40,144	+4,844	+13.7%
Office of Small & Disadvantaged Business Utilization	3,800	4,200	5,472	+1,272	+30.3%
General Counsel	38,000	41,725	45,630	+3,905	+9.4%
Office of Policy	19,454	23,950	52,037	+28,087	+117.3%
Public Affairs	5,936	5,936	5,965	+29	+0.5%
Subtotal, Other DA	170,115	191,161	267,446	+76,285	+28.5%
Strategic Partnership Projects (SPP)	40,000	40,000	40,000	-	-
Total, Departmental Administration (Gross)	524,288	587,226	737,702	+150,476	+25.6%
Defense-Related Administrative Support (DRAS)	-183,710	-203,648	-203,649	-1	+0.0%
Subtotal, Departmental Administration	340,578	383,578	534,053	+150,475	+39.2%
Miscellaneous Revenues					
Revenues Associated with SPP	-40,000	-40,000	-40,000	-	-
Other Revenues	-60,578	-60,578	-60,578	-	-
Subtotal, Miscellaneous Revenues	-100,578	-100,578	-100,578	-	-
Total, Departmental Administration (Net)	240,000	283,000	433,475	+150,475	+53.2%

Outyear Funding (\$K)

	FY 2024 Request	FY 2025	FY 2026	FY 2027	FY 2028
Total, Departmental Administration	433,475	443,000	453,000	464,000	474,000

Defense-Related Administrative Support

Overview

Beginning in FY 1999, funding has been provided within the Other Defense Activities appropriation to offset expenses that support defense-related activities. This offset addresses the significant level of administrative support performed within DA offices in support of the Department’s defense-related programs. The services provided by the offices within DA are performed without distinction between defense and non-defense related activities and provide benefit for all headquarters organizations proportionally.

**Defense-Related Administrative Support
Funding (\$K)**

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request
Defense-Related Administrative Support	-183,710	-203,648	-203,649

Strategic Partnership Projects

Overview

The Strategic Partnership Projects (SPP) program provides funding to DOE’s multi-purpose field offices and National Laboratories to finance the cost of products and services requested by non-DOE users, both foreign and domestic. The products and services provided by the Department under this program generally are not available from alternate sources and are reimbursable work for non-federal entities where the sponsor is precluded by law from providing advance funding.

The SPP program includes a portion of the Department’s Foreign Research Reactor Spent Fuel Program. This program, which involves the receipt and storage of foreign research reactor spent fuel, is provided for in the SPP program only to the extent of revenues provided.

The benefits for this program are continued access to the Department’s Laboratory complex, which satisfies the needs of our non-federal customers. Performance evaluation for this work is the responsibility of our customers. The success of this program is indicated by the steady influx of business from the targeted groups.

**Strategic Partnership Projects
Funding (\$K)**

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted
Consolidated Service Center	16,631	21,745	21,700	-45
Idaho Operations Office	1,000	2,000	2,000	-
National Energy Technology Laboratory	100	150	100	-50
National Renewable Energy Laboratory	500	500	500	-
NNSA Complex	14,969	4,305	4,400	+95
Richland Operations Office	100	100	100	-
Savannah River Ops Office	6,700	11,200	11,200	-
Washington DC HQ Undistributed	-	-	-	-
Total, Strategic Partnership Projects	40,000	40,000	40,000	-

**Revenues Associated with Strategic Partnership Projects
Funding (\$K)**

<u>Description of FY 2024 Activities</u>	FY 2022 Enacted	FY 2023 Request	FY 2024 Request
Consolidated Service Center	16,631	21,745	21,745
<ul style="list-style-type: none"> • Argonne National Laboratory - Work with universities and state and local governments that are precluded by law in giving a cash advance; and cover anticipated work with Small Business Innovation Research federal awarded sponsors. • Brookhaven National Laboratory - Primarily to cover anticipated work with small businesses on Small Business Innovation Research/Small Business Technology Transfer and Research SPP. In addition, to cover work with universities and state & local governments that are precluded by law to provide a cash advance. • Lawrence Berkeley National Laboratory <ul style="list-style-type: none"> ○ Additional university support for Composite for Basic Science Research; ○ Independent Technical Assistance for Management and Treatment of Groundwater and Drinking Water; ○ Fabricate the components in the ALICE (A Large Ion Collider Experiment)-USA scope and ALICE ITS (Inner Tracking System) upgrade; ○ University of Washington for comprehensive Identification of Worm and Fly Transcription Factors; and ○ National Laboratory High Energy Physics for Particle Data Group. ○ 21st Century Indiana Energy Policy Development Task Force and Comprehensive Study. • Oak Ridge National Laboratory support for Early-Time Signatures of a Nuclear Detonation in Urban Areas; Tennessee REVV Program; Tip-Enhanced Raman Spectroscopy (TERS) as a Screening Tool; Understanding Cellular Transformation and Chemical Responses Linking Type 2 Diabetes and Amyotrophic Lateral Sclerosis; Neutron Scattering Studies of Human Acetylcholinesterase (AChE); Computational Support for Problem Structure and Quantum Advantage; Joint Faculty Agreements; General Employee Loan Agreements; etc. • SLAC National Accelerator Laboratory support to U.S./Japan Cooperative Program in High Energy Physics; • Oak Ridge Institute for Science and Education (ORISE) support to/for Radiation Emergency Assistance Center/Training courses, and Beryllium Lymphocyte Proliferation Testing; and • Pacific Northwest National Laboratory (PNNL) work with universities and state and local governments in the areas of Biomedical, High Performance Computing, Grid Modernization, Security and Incident Response, Nuclear and Reactor Technologies, Advance Material Development, Marine Sciences research and development, Build Back Better solicitations, and State Clean Energy fund, Advance Material Development, and Advance Manufacturing. 			
Idaho Operations Office	1,000	2,000	2,000

Description of FY 2024 Activities	FY 2022 Enacted	FY 2023 Request	FY 2024 Request
<ul style="list-style-type: none"> • Work with universities state and local governments. • To cover anticipated work with small businesses on Small Business Innovation Research/Small Business Technology Transfer and Research SPP. 			
National Energy Technology Laboratory	100	150	100
<ul style="list-style-type: none"> • Work with state and local governments that are precluded by law in giving a cash advance. 			
National Renewable Energy Laboratory	500	500	500
<ul style="list-style-type: none"> • Work with state and local governments. 			
NNSA Complex	14,969	4,305	4,450
<ul style="list-style-type: none"> • Consolidated Nuclear Solutions (CNS) National Security Complex support to long-term supply contracts with foreign governments to provide uranium fuel; • CNS - NA-23 Material Management & Minimization Nuclear Material Removal program - cost of recovery operations subsequently reimbursed by foreign customers; • CNS support for Universities precluded by law from providing advance funding. • Sandia National Laboratory support to state & local governments; and • Lawrence Livermore National Laboratory support to state and local governments 			
Richland Operations Office	100	100	100
<ul style="list-style-type: none"> • Work with Universities, State, and Local governments. 			
Savannah River Operations	6,700	11,200	11,200
<ul style="list-style-type: none"> • Savannah River National Laboratory support to universities & institutions, state and local governments, and non-profit organizations; and • Savannah River site support for the receipt and management of foreign research reactor spent nuclear fuel 			
Washington DC HQ Undistributed	6,722	6,722	-
<ul style="list-style-type: none"> • Funding kept in reserve to support SPP activities 			
Total, Revenues Associated with Strategic Partnership Projects	40,000	40,000	40,000

Miscellaneous Revenues

Overview

The Departmental Administration account receives Miscellaneous Revenues from the following:

- Revenues received from the sale of by-products that have no cost associated with the Departmental Administration program of work. These items are by-products of activities funded by other on-going Departmental programs and are collected as Miscellaneous Revenues. Included in this estimate are revenues collected from the Reimbursable Work program for Federal Administrative Charges.
 - Federal Administrative Charges – Revenues collected from other federal agencies as well as non-federal entities for reimbursable activity conducted by the Department in accordance with full-cost recovery policy.
 - Nuclear Production Office – Revenues generated from shipment of surplus Highly Enriched Uranium and Low Enriched Uranium for use in foreign research and test reactors.
 - Naval Reactors Laboratory Field Office (formally Pittsburgh Naval Reactors Office) – The Department of Navy reimburses the Naval Reactors Laboratory Field Office for the nuclear material burn-up while the core is in operation and when residual nuclear material is removed during refueling and defueling of the core. While nuclear material burn-up is relatively consistent across years, major fluctuations in this line item are attributable to the refueling and defueling schedules, which are based on ship availability and quantity of nuclear material left in the cores.
 - Other Revenues, including Timber Sales – Estimate based on current rate of collections for various miscellaneous revenues collected at all Department sites, including timber sales at Savannah River Site.

Miscellaneous Revenues Funding (\$K)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted
Revenues Associated with Strategic Partnership Projects	-40,000	-40,000	-40,000	-
Other Revenues	-60,578	-60,578	-60,578	-
Federal Administrative Charges	-40,362	-36,667	-30,803	+5,864
Nuclear Production Office	-4,044	-4,044	-4,044	-
Pittsburgh Naval Reactors Office	-11,472	-15,167	-20,931	-5,764
Other Revenues, including Timber Sales	-4,700	-4,700	-4,800	-100
Total, Miscellaneous Revenues	-100,578	-100,578	-100,578	-

**Office of the Secretary
Program Direction**

Overview

The Office of the Secretary (OSE) provides leadership and policy direction to the Department of Energy (DOE) in its commitment to advance U.S. national security and economic growth through transformative science and technology innovation that promotes affordable and reliable energy through market solutions and meets our nuclear security and environmental cleanup challenges. The OSE staff leads the Department's priorities of Combating the Climate Crisis, Creating Clean Energy Union Jobs, and Promoting Energy Justice. The Department also plans to continue to make progress in achieving each of its strategic goals through continued investments in scientific research, technology innovation, nuclear security, arctic energy coordination, and environmental cleanup.

The FY 2024 Budget Request of \$6,737,000 is a \$95,000 increase above the FY 2023 Enacted Budget, and supports up to 33 full time equivalent employees, travel, and operational expenses necessary to achieve the Department's priorities. The additional resources support administrative costs and interagency cooperation on efforts to address the climate coordination capacity across DOE and with the National Climate Task Force agencies' activities including the Net-Zero Gamechangers Initiative.

**Office of the Secretary
Funding (\$K)**

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Washington Headquarters					
Salaries and Benefits	4,952	5,012	5,107	95	2%
Climate Change Coordination	0	1,000	1,000	0	0
Travel	529	529	529	0	0
Support Services	0	0	0	0	0
Other Related Expenses	101	101	101	0	0
Total, Program Direction	5,582	6,642	6,737	95	1%
Federal FTEs	33	33	33	0	0
Other Related Expenses					
Training	6	6	6	0	0
Other Services	95	95	95	0	0
Total, Other Related Expenses	101	101	101	0	0

**Explanation of Changes Table
Office of the Secretary
Funding (\$K)**

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Program Direction \$6,642	\$6,737	+\$95
Salaries and Benefits \$5,012	\$5,107	+\$95
Funding supports up to 33 FTEs in the Office of the Secretary, Deputy Secretary, Office of the Under Secretary for Infrastructure (S3), and the Office of the Under Secretary for Science and Innovation (S4).	Continued funding supports payroll costs of up to 33 FTEs in the Office of the Secretary, Deputy Secretary, Office of the Under Secretary for Infrastructure (S3), and the Office of the Under Secretary for Science and Innovation (S4).	+\$95 Funding supports a pay raise, within grade increases, promotions, and awards allocation.
Climate Change Coordination \$1,000	\$1,000	\$0
Funding supports staff and coordinated stakeholder engagement for interagency coordination on efforts to address the climate crisis.	Funding supports staff and coordinated stakeholder engagement for interagency coordination on efforts to address the climate crisis.	No change
Travel \$529	\$529	\$0
Funding for the Office of the Secretary, Deputy Secretary, Under Secretary for Infrastructure, and the Under Secretary for Science and Innovation, as well as Special Assistants to travel in support of the Department's mission.	Continued funding for the Office of the Secretary, Deputy Secretary, Under Secretary for Infrastructure, and the Under Secretary for Science and Innovation, as well as Special Assistants to travel in support of the Department's mission.	No change
Other Related Expenses \$101	\$101	\$0
Funding supports training and course registration cost for OSE employees for essential training activities and support for security clearance investigations	Continued funding supports training and course registration cost for OSE employees for essential training activities and support for security clearance investigations.	No change

Congressional and Intergovernmental Affairs Program Direction

Overview

The Office of Congressional and Intergovernmental Affairs (CI) delivers accurate and timely communication of Administration and Departmental objectives and activities with Congress, State, local, and Tribal governments, and other stakeholder organizations.

In FY 2024, CI will direct, manage, and ensure timely coordination between Departmental organizations and their external stakeholders. This includes timely notifications to Members of Congress, Governors, Mayors, and Tribal officials on Department of Energy (DOE) matters of specific interest including pending awards/grants/contracts that may affect the States, Tribal nations, congressional districts, and other constituencies. CI will ensure the Department provides timely and complete responses to inquiries and requests for information. In addition, CI will engage with Governors, staff, local elected and appointed officials, and consult Tribal leaders on DOE activities and decisions; and to elicit concerns and interests for consideration in DOE decision processes.

CI will recommend legislative strategies and engagements in alignment with Administration policy and DOE program initiatives. This includes both monitoring and developing legislative activity on behalf of the Department, as well as working with Congress to define and advance the Administration's position on pending legislation. CI will prepare Departmental officials for Congressional hearings, briefings, and meetings, as well as gubernatorial and Tribal consultations and events. This includes directing and coordinating the preparation of congressional testimony, transcripts, pre- and post-hearing questions and answers, and other information provided for the record.

Highlights of the FY 2024 Budget Request

The Department requests \$7,198,000 in FY 2024 for CI to maintain operational levels consistent with Departmental needs and Secretarial priorities. Funding will ensure CI can continue to provide accurate and timely communications of Administration and Departmental activities and objectives to Congress, State, local and Tribal governments, and external stakeholders.

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

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Washington Headquarters					
Salaries and Benefits	4295	3260	5302	+2042	63%
Travel	70	70	150	+80	114%
Support Services	409	317	409	+92	29%
Other Related Expenses	1226	1353	1337	-16	-1%
Subtotal, Washington Headquarters	6,000	5,000	7,198	+2,198	44%
Total, Program Direction	6,000	5,000	7,198	+2,198	44%
Federal FTEs	24	24	31	+7	29%
BIL FTEs	1	1	1	-	-
Support Services					
Management Support					
Print and electronic subscription services	80	80	80	-	-
Contractor Support	314	222	314	+92	41%
Other Support Services	15	15	15	-	-
Total, Support Services	409	317	409	+92	29%
Other Related Expenses					
Training	0	0	50	+50	-
Energy IT Services	196	268	268	-	-
Working Capital Fund	980	1035	969	-66	-6%
Other Services	50	50	50	-	-
Total, Other Related Expenses	1,226	1,353	1,337	-16	-1%

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Program Direction \$5,000,000	\$7,198,000	+\$2,198,000
Salaries and Benefits \$3,260,000	\$5,302,000	+\$2,042,000
Provides funding for 24 FTEs to include salaries and benefits.	Provides funding for 31 FTEs to include salaries and benefits, pay raise adjustments, and performance award pool. Increase of 7 FTEs address resource needs required to support existing and newly created DOE offices and programs.	Increase funds 7 additional FTEs required to meet full staffing requirements to adequately perform mission and objectives. Assumes 5.2% pay increase in civilian salaries, and supplemental funds for performance award pool increase in FY 2024.
Travel \$70,000	\$150,000	+\$80,000
Funding for travel requirements to support the Department’s engagements with congressional, intergovernmental, and other stakeholders.	Funds travel at historic level required to support Departmental engagements as well as additional activities essential to new IGEA Regional Specialist positions	Increase funds the additional travel critical to performing IGEA Regional Specialist job duties as liaisons between the Department and localities.
Support Services \$317,000	\$409,000	+\$92,000
Funds essential administrative and executive contractor support services, costs associated with background investigation services, and access to subscription platforms critical to staff performance.	Funds essential administrative and executive contractor support services, costs associated with background investigation services, and access to subscription platforms critical to staff performance.	Increase funds critical contractor support for full period of performance at the required level of effort.
Other Related Expenses \$1,353,000	\$1,337,000	-\$16,000
Funds support business costs associated with the Department’s Working Capital Fund (WCF), Energy IT Services (EITS), and conference registration fees	Continuation of WCF, EITS support, and costs associated with conference attendance; additional funding allocated toward staff training.	Decrease as a result of WCF building rent rate adjustments due to decrease in office square footage.

**Office of the Chief Financial Officer
Program Direction**

Overview

The Office of the Chief Financial Officer (OCFO) is responsible for the management and financial integrity of Department of Energy (DOE) programs, activities, and resources and for developing, implementing, and monitoring DOE-wide policies and systems for budget formulation and execution, finance and accounting, internal controls and financial policy, corporate financial systems, and strategic planning. The OCFO:

- Serves as the principal advisor to the Secretary and other DOE officials on matters relating to the Department's financial resources and performance management.
- Oversees the formulation, execution, analysis, and financial integrity of the Department's annual and multi-year budget, including portions of the Infrastructure Investment and Jobs Act (IIJA), Inflation Reduction Act (IRA), and other supplemental spending bills including funding for Ukraine and Puerto Rico.
- Develops and maintains an integrated agency-wide financial accounting system.
- Prepares reports including a description and analysis of the status of financial management in the annual financial statements, audit reports, the Digital Accountability and Transparency Act of 2014 (DATA Act) reporting, and internal accounting and administrative controls systems at DOE. In November 2022, DOE received its 16th consecutive unmodified audit opinion and the high accuracy rate for DATA Act reporting efforts.
- Manages the activities and execution of DOE's Working Capital Fund (WCF) and prepares annual budget documentation.
- Leads the Enterprise Risk Management efforts to provide data for risk by systematically identifying, assessing, and managing strategic, financial, and programmatic risks across the DOE.
- Develops program performance measures, manages the performance tracking system, and serves as the Performance Improvement Officer, the Department's principal advocate for improved performance and management. Improves departmental implementation of budget performance integration and evidence-based decision making.
- Coordinates and leads the development and implementation of the DOE Strategic Plan, Agency Priority Goals (APGs), and other requirements of the GPRA Modernization Act, including quarterly assessment meetings.
- Manages and supports the administration and the operations and maintenance of the Department-wide enterprise corporate business systems (e.g., Foreign Travel Management System, Integrated Data Warehouse).
- Leads the implementation of program management policies and strategies for developing highly qualified program managers required by the *Program Management Improvement Accountability Act of 2016 (PMIAA)*.

Highlights of the FY 2024 Budget

The FY 2024 Request is \$67,345,000, an increase of \$5,062,000 from the FY 2023 Enacted budget. The FTE level was adjusted to 220 to more accurately reflect the increase in salary and benefits, reduction in carryover, and increased Cloud costs. This budget Request includes the 5.2 percent pay raise for federal employees and Federal Employees Retirement Systems (FERS) benefits. With the additional funding, OCFO will continue to support the effective management and ensure the financial integrity of DOE programs, activities, and resources including IIJA and IRA implementation activities. OCFO will continue to develop, implement, and monitor DOE-wide policies and systems in budget formulation and execution, finance and accounting, internal controls and financial policy, corporate financial systems, and strategic planning.

In FY 2024, OCFO is requesting additional funds for increased personnel costs, travel requirements, and meeting and complying with updated cybersecurity requirements and initiatives for the corporate business systems. The requested funding will also support various corporate business system improvements including the MoveLINQS Government Relocation Accounting System, AMERICA, and the Departmental Audit Reporting Tracking System (DARTS), as well as the continued implementation of the Robotic Process Automation (RPA) initiative within OCFO and DOE.

In FY 2024, the Program Management Improvement Officer (PMIO) continues implementation of OMB's five-year PMIAA Strategy to enhance the role of program managers, including training and educational opportunities, improved career paths and career opportunities, a plan to recruit and retain highly qualified individuals, collecting and disseminating best practices and lessons learned, and common templates and tools to support improved data collection and analysis for project and

program management and oversight purposes. The OCFO will continue to oversee the implementation of DOE Policy (P) 410.3, *Program Management*, which established expectations, principles for program management, and program evaluation and evidence-based decision making to accomplish the Agency's mission and goals efficiently and effectively per various statutory, regulatory, administrative, and agency requirements.

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

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Washington Headquarters					
Salaries and Benefits	33,797	36,202	40,759	+4,557	+13%
Travel	150	100	200	+100	+100%
Support Services	11,698	14,035	14,412	+377	+3%
Other Related Expenses	10,946	11,946	11,974	+28	0%
Total, Program Direction	56,591	62,283	67,345	+5,062	+8%
Federal FTEs - OCFO	230	230	220	-	0%
Federal FTEs - WCF	22	22	22	-	0%
Federal FTEs – IJJA	8	8	8	-	-
Support Services					
Management Support					
Corporate Business Systems	5,606	6,635	7,287	+652	+10%
System Support/Other Support Services	6,092	7,400	7,125	-275	-4%
Total, Support Services	11,698	14,035	14,412	+377	+3%
Other Related Expenses					
Energy IT Services	2,100	3,100	3,281	+181	+6%
Security Clearance Investigations	100	100	100	-	0%
Training	225	225	225	-	0%
Interagency Agreements	370	370	435	+65	+18%
Working Capital Fund	8,151	8,151	7,933	-218	-3%
Total, Other Related Expenses	10,946	11,946	11,974	+28	0%

Program Direction

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2023 Request vs FY 2021 Enacted
Salaries and Benefits \$36,202,000	\$40,759,000	+\$4,557,000
Funds 230 full-time equivalent employees (FTE).	Funds 220 FTEs.	Increase reflects a 5.2 percent pay raise for federal employees and FERS benefits increase in FY 2024. The FTEs have been adjusted to more accurately reflect the increases in salary and benefits.
Travel \$100,000	\$200,000	+\$100,000
Supports travel requirements for OCFO staff, leadership and minimally projected Congressional travel.	Supports travel requirements for OCFO staff, leadership and estimated Congressional travel.	Reflects post-Pandemic travel requirements for the OCFO and Congressional staff travel.
Support Services \$14,035,000	\$14,412,000	+\$377,000
The FY 2023 Corporate Business Systems (CBS) budget funds the operation and maintenance, and cybersecurity requirements of the DOE enterprise financial, procurement, and human capital business systems, including the Integrated Data Warehouse, Foreign Travel Management System, automaton of the agency financial report, Robotic Processing Automation (to meet the PMA Cross-Agency Priority (CAP) goal), and the Audit automation tasking system. Funding is also provided for technical system support and other services (to include PMIAA).	The FY 2024 Corporate Business Systems (CBS) budget funds the operation and maintenance, and cybersecurity requirements of the DOE enterprise financial, procurement, and human capital business systems, including the Integrated Data Warehouse, Foreign Travel Management System, Robotic Processing Automation project (to meet the PMA CAP goal), MoveLINQS Government Relocation Accounting System, and the Departmental Audit Reporting Tracking System (DARTS).	Supports increased costs of operating in a Cloud environment, continued implementation of the Robotic Processing Automation project; the MoveLINQS Government Relocation Accounting System; and the Departmental Audit Reporting Tracking System (DARTS); and continued work on the budget formulation system.
Other Related Expenses \$11,946,000	\$11,974,000	+\$28,000
Funding supports employee training, interagency agreements, IT desktop technical support requirements, security clearance investigations, and WCF.	Funding supports increased IT technical support, employee training, interagency agreements, security clearance investigations, and WCF.	Increase reflects changes to the costs for interagency agreements and IT support services offset in part by the reduced WCF costs.

**Office of Economic Impact and Diversity
Program Direction**

Overview

Established in 1979 pursuant to Section 641, Title VI, Part 3 of the National Energy Conservation Policy Act of 1978, the Office of Economic Impact and Diversity (ED) is tasked with: (1) advising the Secretary of Energy on the effect of energy policies, regulations, and other actions of the Department and its components on communities of color and minority business enterprises (MBEs), and on ways to ensure that people of color are afforded an opportunity to participate fully in Departmental energy programs; (2) conducting an ongoing research program, with the assistance of the Administrator of the Energy Information Administration (EIA) and other Federal agencies as the Director determines appropriate, to determine the effects (including socio-economic and environmental effects) of national energy programs, policies, and regulations of the department on people of color; (3) developing and recommending to the Secretary of Energy policies to assist communities of color and MBEs; (4) conducting research on energy burden, economic opportunities for communities of color, and commercialization of energy-related technologies; (5) providing management and technical assistance to minority serving institutions (MSIs) and MBEs; and (6) providing financial assistance in the form of loans to any MBE under such rules prescribed by the Director to facilitate research, development, demonstration, and contract activities of the Department. ED also ensures compliance with Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments Act of 1972, and other anti-discrimination statutes.

Pursuant to these statutes, ED advises the Secretary on Departmental compliance with civil rights and equal employment opportunity (EEO) laws, regulations, and related directives and Executive Orders (EO's) that prohibit workplace discrimination and discrimination in programs receiving federal financial assistance from DOE, ensuring integration of EEO into DOE policies and decisions, overseeing intake and processing of complaints of discrimination. ED also advises and supports the Secretary on promoting a diverse DOE workforce and inclusive work environment.

The Office of Economic Impact and Diversity's mission is intertwined throughout every aspect of the Department. ED touches on all aspects of the DOE Mission through:

1. Increasing participation of underrepresented stakeholders in DOE programs through stakeholder outreach, community-centered education, and technical assistance. Such activities advance and support energy justice across DOE, enhancing the Department's ability to achieve its mission. Key activities include leading stakeholder webinars in partnership with DOE colleagues; providing resources and toolkits on DOE programs; providing technical assistance and support to DOE colleagues on issues of energy justice; equitable deployment; equitable procurement; and diversity, equity, inclusion, and accessibility; and coordinating cross-cutting equity-focused initiatives and activities across the DOE complex and National Laboratories.
2. Conducting energy justice policy research and analysis, in partnership with the Office of Energy Information Administration, members of academia, and Federal colleagues to advance energy equity across the DOE complex and in Federal energy policy. Research includes the identification of the socio-economic and environmental effects of DOE and State-level energy programs; a national analysis of energy poverty and energy burden, using EIA datasets; equitable deep decarbonization; and equitable deployment of clean energy resources. Policy and technical assistance efforts include collaboration with DOE program offices to develop programs that accelerate the adoption of clean energy technologies in historically marginalized populations and increase the participation of communities of color in the clean energy economy.
3. Providing technical assistance and support through grants/cooperative agreements to help minority business enterprises and MSIs to compete competitively for Bipartisan Infrastructure Law and Inflation Reduction Act opportunities.
4. Enforcing all anti-discrimination statutes.
5. Leading on diversity, equity, inclusion, and accessibility (DEIA) across the agency. Key activities include developing and implementing an agency-wide DEIA Strategic Plan; standing up a DEIA Senior Leadership Council; providing technical assistance, training, and support to Departmental staff and management; and creating revamped recruitment and hiring processes to ensure a diverse workforce.
6. Leading several communities of practice for senior leadership and staff focused on equity, energy, and environmental justice, the Justice40 Initiative, and stakeholder engagement.

Highlights of the FY 2024 Budget Request

The Department requests \$53,665,000 in FY 2024, an increase of \$20,000,000 from the FY 2023 Enacted budget, for ED to continue driving initiatives to achieve energy equity and environmental justice across the DOE complex and labs in accordance with Biden-Harris Administration directives and priorities and ED's core statutory mandate. Ongoing initiatives led by ED include ensuring 40 percent of the overall benefits of DOE's investments are targeted to help disadvantaged communities (Justice40 Initiative); helping to create climate and clean energy jobs and accelerate clean energy business creation in historically marginalized and overburdened communities; providing technical assistance (TA) to MSIs and MBEs to increase their participation in DOE programs and opportunities; augmenting training programs geared towards helping the historically disadvantaged population, including the formerly incarcerated, those in impoverished communities, and our minority stakeholders; and identifying and eradicating systemic barriers to DOE opportunities and benefits for people of color and other underserved groups.

In FY 2024, ED will recruit new subject matter experts and support staff to: (1) better advise the Secretary on energy policies; (2) enhance technical assistance being provided to MSIs and MBEs; (3) support oversight of DOE strategic action plans; and (4) support agency-wide implementation of equity, energy, and environmental justice (EEEJ) activities within appropriated programs and programs established or expanded under the Bipartisan Infrastructure Law and Inflation Reduction Act.

In FY 2024, ED's Office of Energy Justice Policy and Analysis will execute a research, policy analysis, and technical assistance program that includes third party evaluations of the over 140 Justice40 covered programs across the Department, to advance EEEJ initiatives and activities. Research will seek to determine the effects (including socio-economic and environmental effects) of national energy programs, policies, and regulations of the Department on minority and other disadvantaged communities. Consistent with ED's mandate, this office will continue research on relevant DOE and other federal policies that lessen energy burdens for disadvantaged individuals and communities and increase access to clean energy technology. Policy analysis and technical assistance efforts will include collaboration with DOE program offices to develop programs that accelerate the adoption of clean energy technologies in historically marginalized populations. The office will provide technical assistance and support across DOE in accordance with ED's congressional mandate. These efforts will facilitate the coordination of EEEJ initiatives and activities more effectively within DOE and the National Laboratories, as well as with other Federal partners and external stakeholders.

ED's Office of Diversity, Equity, Inclusion, and Accessibility (ODEIA) will, in coordination with relevant stakeholders, continue oversight of DOE's DEIA Strategic Plan, which includes 31 crosscutting departmental goals. The office will continue developing competencies for DEIA training and provide DEIA subject matter expertise and technical assistance to DOE program and staff offices. This office will deepen workforce engagement through Employee Resource Groups (ERGs) and DEIA initiatives, as well as strengthen external partnerships through targeted outreach opportunities with diverse organizations.

In FY 2024, ED will continue leading DOE's efforts to expand the inclusion and participation of minorities, women, veterans, and formerly incarcerated persons across all department programs. ED supports these Departmental efforts through its minority education; science, technology, engineering, and mathematics (STEM) enhancement; workforce development; and training related projects ("MEWT" program), and by creating partnerships with Federal, State, non-profit, and private agencies engaged in sustaining our nation's energy sector. ED will continue to engage with stakeholders to increase awareness of, and commitment to, the principles of equity and DEIA as they relate to the DOE workplace and to recipients of DOE financial assistance. ED will expand its contributions to the intra-agency Communities Local Energy Action Program (LEAP) Pilot, launched in FY22 to support more community-led clean energy economic development.

In FY 2024, ED's Office of Minority Programs (OMP) will amplify execution of its statutory mandates as outlined in Public Law 95-619, including the provision of technical assistance to MSIs and MBEs to enable these enterprises and institutions to participate in the research, development, demonstration, and contract activities of the Department. FY 2024 funding will allow OMP to increase technical assistance aimed at increasing MBE and MSI capacity for greater participation in DOE programs, including on-going and expanded funding for MEWT capacity-building projects in underserved communities. These projects will support hundreds of minority students and faculty members in Historically Black Colleges and Universities (HBCUs), Hispanic-Serving Institutions (HSIs), Asian American and Native American Pacific Islander-Serving Institutions (AANAPISI), and other MSIs. Pursuant to Public Law 95-619, OMP will provide technical assistance programs that encourage, promote, and assist MBEs in establishing and expanding energy-related business opportunities to provide clean energy jobs to workers in these communities.

In FY 2024, ED's Office of Civil Rights & Equal Employment Opportunity (OCR-EEO) will directly oversee EEO complaint processing for the entire DOE enterprise (except for the National Nuclear Security Administration (NNSA) and Bonneville Power Administration)

and will also expand external civil rights enforcement and compliance activities in the areas of Limited English Proficiency and TA. OCR-EEO implements the statutory requirement of administering departmental policies, practices, and procedures under Title VI and VII of the Civil Rights Act of 1964, the Age Discrimination in Employment Act, Sections 501/504 of the Rehabilitation Act of 1973, the Genetic Information Nondiscrimination Act, Title IX of the Education Amendments of 1972, the Age Discrimination Act, and related statutes and Executive Orders that prohibit discrimination, including those that prohibit discrimination in programs and activities that receive Federal financial assistance from DOE. As such, the office will stand up a pre-award assurance pilot to evaluate grant applications received by the Department.

Program Direction Funding (\$K)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Request (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Economic Impact and Diversity					
Salaries and Benefits	13,011	19,151	25,365	+6,214	+32%
Travel	270	300	350	+50	+17%
Support Services	3,784	10,354	23,311	+12,957	+125%
Other Related Expenses	2,935	4,335	4,639	+304	+7%
Total, Program Direction	20,000	34,140	53,665	+19,525	+57%
Federal FTEs	72	100	126	+26	+26%
Contractor Headcount	7	7	7		
Support Services					
Office of Minority Programs (OMP)	2,140	4,500	14,650	+10,150	+226%
Office of Civil Rights & Equal Employment Opportunity	921	921	1,121	+200	+22%
EEO Field Site Services	383	583	660	+77	+13%
Office of Energy Justice Policy/Analysis	340	4000	6,100	+2,100	+53%
Office of Diversity, Equity, & Inclusion	0	350	780	+430	+123%
Total Support Services	3,784	10,354	23,311	+12,957	+125%
Other Related Expenses					
Working Capital Fund	1,908	2,800	2,914	+114	+4%
Energy Information Technology System	952	1,175	1,225	+50	+4%
Training	75	360	500	+140	+39%
Total, Other Related Expenses	2,935	4,335	4,639	+304	+7%

Subprogram Funding (\$K)

**Program Direction
Activities and Explanation of Changes**

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
\$34,140 Program Direction	\$53,665	\$19,525
\$19,151 Salaries and Benefits	\$25,365	\$6,214
Provides funding for 100 FTEs who directly support the ED mission.	Provides funding for 126 FTEs who directly support ED’s missions, including DEIA.	Reflects FY 2024 5.2% increase in civilian salaries and FERS increase for staff of 126 FTEs. Provides for increased technical experts on matters related to Civil Rights/EEO (+14 FTEs), Energy J40 Research & Analysis (+5FTEs), technical/financial assistance to MSIs/MBEs(+7FTEs).
\$300 Travel	\$350	\$50
Provides funding for travel associated with outreach activities related to the launch of the national Equity in Energy initiative and increase in compliance/enforcement activities of the Office of Civil Rights and Diversity. Mission outreach and regulatory activities undertaken with increased coordination with Agency programmatic activities.	Funding supports travel by ED’s increased staffing from 100 to 126 FTEs. Funding supports continued travel associated with stakeholder partnering/outreach, minority businesses and education projects oversight/partnering, and EEO compliance/enforcement activities.	No major change.
\$10,354 Support Services	\$23,311	\$12,957
(\$2,250) Provides technical assistance through new grants/cooperative agreements to help MBEs compete competitively for DOE program and contract opportunities.	(\$1,150) Provides increased services from three services agreements to support ED’s increased staffing and program activities.	+\$10,150 Increased funding supports new MBE, MSI, and minority workforce development projects while sustaining projects with high returns on investments in disadvantaged communities across the United States.
(\$2,250) Provides technical assistance through new grants/cooperative agreements to help MSIs compete competitively for DOE program and contract opportunities.	(\$13,500) Supports community-based technical assistance and capacity building, expanded support for MBEs through region-specific assistance networks, and expanded continuation of high performing ongoing MSI projects. Technical assistance effort aimed at helping MBEs and MSIs compete competitively for historic Bipartisan Infrastructure Law and Inflation Reduction Act opportunities and strengthening overall national ecosystem of support for underrepresented communities.	
(\$921) Supports contracted services to augment federal staff members in the areas of investigative services and complaints processing supporting the DOE Headquarters in Washington D.C.		
(\$583) Supports investigative services for EEO field sites.	(\$1,121) Supports contracted services to augment federal staff members in the areas of investigative services and	
		+\$277 • Funding increase supports enhanced compliance and enforcement activities

	complaints processing supporting the DOE Headquarters in Washington D.C.	within the DOE Headquarters and six EEO field sites.
	(\$660) Supports investigative services for EEO field sites.	
(\$4,000) Funding supports third-party contracted services to analyze benefits accrued within disadvantaged communities for over 140 Justice40 covered programs across the Department.	(\$4,400) Supports third-party evaluation services to analyze DOE's Justice40 benefits accrued to disadvantaged communities. Funds will continue support for three-year contract to evaluate over 140 Justice40 covered programs across the Department. (\$1,200) Maintains technical services support provided by four DOE National Laboratories as needed to support ED's Energy Justice research and analysis. (\$500) Continues ED's Energy Justice Fellowship program with two faculty or researchers for one-year (\$200,000 stipend support + \$50,000 research funds). The program will increase access to new researchers and build the Office of Energy Justice Policy and Analysis career employee pipeline.	+\$2,100 Funding supports continued third party contracted services to conduct evaluations of accrued benefits for 140 covered programs spanning across DOE programs and supporting disadvantaged communities. Increased funding enhances DOE Justice40 Dashboard and supports a new senior Energy Justice Fellowship program.
(\$175) DEIA Training Platform and services to support employees.	(\$500) Supports development, facilitation, and deployment of programs and training to advance DEIA knowledge and accountability across the DOE.	+\$430 Funding increases DEIA training and technical assistance across the DOE complex while expanding outreach and partnering with external stakeholders and DOE ERGs.
(\$100) Supports Employee Resource Groups (ERGs) contributions to DOE's DEIA strategic goals as well as strengthen external partnerships through targeted outreach to diverse organizations.	(\$205) Supports Employee Resource Groups (ERGs) contributions to DOE's DEIA strategic goals as well as strengthen external partnerships through targeted outreach to diverse organizations.	
(\$75) Provides DEIA outreach and sponsorships.	(\$75) Provides DEIA subject matter expertise and technical assistance (TA) to DOE program offices.	
\$4,335 Other Related Expenses	\$4,639	+\$304
Funds Working Capital Fund (WCF), Energy IT Services (EITS), and staff training and development, and other services for 100 FTEs.	Funds Working Capital Fund (WCF), Energy IT Services (EITS), and staff training and development, and other services for 126 FTEs.	Reflects increased support for WCF, IT, training, and other services for ED's increased staff of 26 FTEs.

Office of International Affairs

The Department of Energy's (DOE) Office of International Affairs (IA) has primary responsibility for setting international energy policy and leading all bilateral and multilateral energy collaborations involving the Secretary, Deputy Secretary, and other DOE senior leadership, including connecting DOE's program offices and its 17 National Labs to partner countries. IA is also responsible for protecting critical U.S. industries and technological innovation by tracking and investigating all foreign investment in U.S. energy companies or other firms with energy interests, as well as foreign contracts with the National Labs.

Building on the work of FY 2023, in FY 2024, IA will pursue international energy cooperation through key bilateral and multilateral forums, with the objectives of ensuring energy security, accelerating the transition to net zero greenhouse gas emissions, creating good paying American jobs, enhancing U.S. competitiveness on critical energy technologies, and addressing the distributional impacts of foreign policy decisions (consistent with the Foreign Policy for the Middle Class agenda).

Highlights of the FY 2024 Budget Request

IA's priorities for FY 2024 are:

- 1) Securing global energy supply while promoting rapid decarbonization.
- 2) Redoubling efforts to help major emitters decarbonize their energy sectors through managing partnerships with National Labs and partner countries, engaging in key multilateral initiatives such as Mission Innovation and the Clean Energy Ministerial, and leading over two dozen bilateral and regional dialogues.
- 3) Strengthening critical clean energy supply chains and expanding work to create alternatives to reliance on China in trusted third countries.
- 4) Advancing multilateral negotiations to set new international norms for cooperation on clean energy.
- 5) Track and investigate foreign investment in the U.S. and contracts with National Labs to protect U.S. national security.

IA's FY 2024 Request is \$50,142,000, which is an increase of \$18,142,000 from the FY 2023 Enacted. It includes:

- \$2,000,000 to support the Net Zero World Initiative, which will provide comprehensive technology and investment roadmaps paired with technical assistance to help strategically important large emitters decarbonize their economies by 2050.
- \$6,500,000 to support multilateral engagements to reassert U.S. leadership and influence and ensure that each institution's work aligns with the U.S. energy and climate agenda.
- \$3,000,000 will support market development work, which enhances and revitalizes U.S. competitiveness in the rapidly expanding global clean energy and infrastructure marketplace, while creating clean energy jobs in the U.S. and ensuring stable and secure supply chains

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Energy Security and Clean Energy Initiatives	1,200	1,200	3,100	+1,900	+158%
Technical Assistance	1,350	1,350	1,350	0	0%
Market Development			3,000	+3,000	
Multilateral Engagement			6,500	+6,500	
Net Zero World			2,000	+2,000	
U.S.-Israel Energy Center of Excellence	4,000	4,000	4,000	0	0%
BIRD Energy Program	2,000	2,000	2,000	0	0%
TOTAL PROGRAM SUPPORT	8,550	8,550	21,950	+13,400	+157%
Salaries and Benefits	14,450	18,150	22,050	+3,900	+21%
Travel	650	800	1,200	+400	+50%
Support Services					
Subscriptions/Publications	175	100	200	+100	+100%
Management Support Services	100	100	250	+150	+150%
Other Related Expenses					
Working Capital Fund	3,000	3,100	3,168	+68	+2%
Energy IT and Other Services	1,050	1,150	1,249	+99	+9%
Training	25	50	75	+25	+50%
TOTAL PROGRAM DIRECTION	19,450	23,450	28,192	+4,742	+20%
Total, International Affairs	28,000	32,000	50,142	+18,142	+57%
Federal FTEs	75	89	93	+4	+4%

International Affairs

Description

IA requests funding for the following programs: Energy Security and Clean Energy Initiatives (\$3.100,000); Technical Assistance (\$1,35,000); Net Zero World (\$2,000,000); Multilateral Engagement (\$6,500,000); the U.S.-Israel Energy Center of Excellence (\$4,000,000); the BIRD Energy Program (\$2,000,000); and Market Development (\$3,000,000). These activities are implemented through Headquarters contracts or the National Laboratories. In addition, IA requests \$28,200,000 to fund the salary, benefits, travel, support services, and other related expenses for 93 federal staff to develop, coordinate, and implement the Administration's international energy policy objectives. Our people are our most important asset, staffers will continue to support bilateral and multilateral relationships, market development and international economic opportunities, especially for American-made clean energy technologies.

Net Zero World

The Net Zero World Initiative (NZW) is an interagency and DOE National Laboratory network-based initiative to accelerate decarbonization efforts toward net zero, resilient, and inclusive energy systems in strategically important countries. It will strengthen partner countries' ability to achieve their stated goals by creating and implementing highly tailored, actionable technology road maps and investment strategies at both the national- and subnational-levels that put net zero within reach. This work will also include targeted and sustained technical support across sectors. It will enable technology pilots, testing and incubators, policy and regulatory support, infrastructure modernization, investment partnerships and programs, workforce development, and other near- and long-term actions tailored to country contexts and priorities. In addition, NZW will help foster peer-to-peer learning. NZW aims to create new clean energy jobs and to mobilize at least \$10,000,000,000 in clean energy infrastructure and project investment. It aims to grow the export market for U.S. clean energy goods and services, creating good-paying jobs in the U.S.

Multilateral Engagement

The Office of Multilateral Climate and Clean Energy Engagement seeks to advance U.S. leadership and DOE mission objectives, especially related to energy security and clean energy innovation and deployment, through international organizations and multilateral forums including (but not limited) the International Energy Agency, Clean Energy Ministerial, Energy Efficiency Hub, Mission Innovation, G7, G20, the Global Power System Transformation Consortium (G-PST) and UN Agencies.

The Office is DOE's conduit for leveraging key multilateral engagement platforms and related workstreams to enhance the impact of U.S. energy policy at home and abroad. Key efforts include:

- Rationalizing the international energy architecture: DOE is engaging with entities like the G7, G20, UN, IEA, and other key multilateral forums to make big bets on clean energy innovation, development, and deployment through developing centers of gravity across the multilateral landscape.
- Streamlining the clean energy innovation to deployment timeline: Through engagement with forums such as the Clean Energy Ministerial and Mission Innovation, DOE will address problems such as gaps in scaling up technologies, identifying appropriate incentives, market rules, risk mitigation, and implementing appropriate clean energy standards. All these actions are taken against a backdrop of engagement with industry to prioritize finance on an appropriate energy transition time horizon.
- Pursuing a sectoral approach to clean technology deployment: DOE will cluster multilateral initiatives by sector as appropriate across key multilateral forums as natural centers of gravity.
- Sustained action on critical minerals: Acknowledging that critical minerals are the fuel that will power the clean energy transition, IA will further U.S. values through multilateral cooperation, addressing clean energy supply chains, including critical minerals and materials, and acting on opportunities for collective action to manage risks.

Energy Security and Clean Energy Initiatives

Energy Security and Clean Energy Initiatives aim to protect the security of energy infrastructure in strategic U.S. partner countries through collaboration with DOE's National Laboratories and other experts, with a focus on country-appropriate technologies or policy solutions. Initiatives are designed to decarbonize and improve resiliency of energy systems, reduce vulnerability in the supply of critical materials, secure markets for clean energy resources, and build cooperation among trading partners in nearly every region of the world.

Technical Assistance

Multilateral institutions help drive global action and are an important (and efficient) tool for expanding U.S. influence, driving global change and creating opportunities for U.S. industry in every corner of the planet. IA serves as DOE's focal point for all clean energy engagement through these multilateral institutions, ensuring alignment between institutional and U.S. efforts, and reducing unnecessary duplication of efforts or lost opportunities to maximize the responsible and efficient use of U.S. energy investments in these institutions.

Market Development

The Office of Market Development's mission is to advance policies that foster incentives for decarbonization of the global energy sector while bolstering U.S. jobs, enhancing our innovation edge against our key competitors, and fostering resilient, secure energy markets and supply chains. The Office of Market Development aims to enhance and revitalize U.S. competitiveness in the rapidly expanding global clean energy and infrastructure marketplace, while creating clean energy jobs in the U.S. economy across the country, and for fossil-dependent and disadvantaged communities. In FY 2024, Market Development will advance three main objectives:

- Mobilizing for Near-Term Energy Transition Investment Needs: EO 14008 calls on DOE to advance international collaborations on innovation and deployment of clean energy. Market Development will coordinate a technology and finance-driven approach to support other countries meeting their climate objectives through deployment of U.S.-sourced energy technologies and solutions.
- Harnessing Over-the-Horizon Energy Transition Opportunities: Through close partnerships with programmatic offices and National Labs, Market Development will identify policy levers and strategic partnerships to enhance U.S. competitiveness in net-zero energy technologies and develop frameworks to leverage international market demand pull capable of maturing technologies from developmental to commercial deployment.
- Addressing Resilience and Security: Market Development will lead engagements to help other countries improve the resilience of their energy systems and supply chains, including a focus on critical minerals.

BIRD Energy Program

The Binational Industrial Research and Development Foundation (BIRD Foundation) was established by the U.S. and Israel Governments in 1977 to generate mutually beneficial cooperation between U. S. and Israeli companies. IA requests \$2,000,000 for the BIRD Energy Program, which is an offshoot of the endowed parent BIRD Foundation and was authorized in 2007 and first appropriated funds in 2009. Since 2009, the BIRD Energy Program has resulted in commercialization of seven new clean energy technologies and attracted more than \$800,000,000 in venture capital and other follow-on investments to commercialize clean energy technologies.

U.S.-Israel Energy Center of Excellence

IA requests \$4,000,000 to contribute as matching funds to the U.S. – Israel Energy Center of Excellence (Energy Center) on behalf of the U.S. Government. Matching contributions are also provided by the Israeli Government and private partners from the U.S. and Israel. The goal of the Energy Center is to promote energy security and economic development through the research and development (R&D) of innovative energy technologies, while facilitating cooperation between U.S. and Israeli companies, research institutes and universities. The Energy Center will facilitate joint R&D activities on energy areas by teams of scientists and engineers from the U.S. and Israel.

Committee on Foreign Investment in the U.S. (CFIUS)

IA ensures the Department's compliance with the Foreign Investment Risk Review and Modernization Act of 2018 (FIRRMA), which modernizes CFIUS' process to better enable timely and effective reviews of covered transactions. This ensures that the U.S. maintains an open policy on foreign investment while properly screening inbound investments to ensure U.S. vital national security interests are protected.

Under FIRRMA, DOE CFIUS assists at a technical level with capacity building among U.S. friends and allies overseas, especially in Europe among NATO partners and member states of the European Union. DOE CFIUS intends to increase and expand international outreach focused on ensuring partner governments are able to maintain a proper balance between open foreign investment regimes to attract high quality investment, while ensuring vital national security interests are protected from increasingly aggressive predatory investment practices by countries less friendly to the U.S.

International Clean Energy Policy Development and Coordination

IA serves as DOE's representative on internationally focused Policy Coordination Committees (PCCs) managed by the National Security Council (NSC) and the National Economic Council (NEC); and serves as the conduit for energy policy and technical expertise across DOE and other Agencies. To achieve its mission, IA collaborates with DOE Senior Leadership, program offices, and the DOE National Laboratory complex, coordinating across the enterprise to leverage technical, policy, and market expertise with international partners. IA develops policies and provides senior-level advice on international energy matters in line with Administration goals and priorities. IA works to coordinate the U.S. Government's international energy relationships with foreign governments, energy ministries, and International Organizations, working in concert with the Departments of State, Defense, Interior, Commerce and other relevant federal agencies to promote the clean energy transition to net-zero emissions by 2050, advance universal energy access, spur technological innovation, open international clean energy markets to U.S. businesses, and promote energy security fundamentals and practices.

International Working Groups, Meetings, and Activities

IA supports U.S. government leadership through a network of international relationships with energy partners that further our nation's international energy goals. The Request fully funds IA participation in and implementation of interagency working groups, international meetings, activities, and policy areas, including:

International Energy Agency	U.S.-Mexico Energy Business Council
U.S.-EU Energy Council	Japan-U.S. Strategic Energy Partnership
UN meetings, including the COP	U.S.-Korea Energy Policy Dialogue
Partnership for Transatlantic Energy and Climate Cooperation	U.S.-Indonesia Energy Policy Dialogue
Three Seas Initiative	U.S.-Poland Energy Dialogue
Clean Energy Ministerial/Steering Committee	Asia-Pacific Economic Cooperation (APEC) Energy Working Group and Ministers Meetings
Conference on Critical Minerals	North American Energy Ministerial
Mission Innovation Ministerial/Steering Committee	East Mediterranean Gas Forum
U.S.-Israel Energy Meetings	Iraq Initiatives
U.S.-Brazil Energy Forum	Net Zero Producers Forum
U.S.-India Strategic Clean Energy Partnership	Quad Climate Working Group
G-7 Working Groups and Ministers Meetings	Association of Southeast Asian Nations (ASEAN) - U.S. Energy Ministerial
G20 Working Groups and Ministers Meetings	
Global Methane Pledge	
U.S.-Ukraine Energy Cooperation	

Foreign Engagements with National Laboratories

IA also manages and reviews the DOE approval process for DOE's 17 National Laboratories' international partnerships, which include, *inter alia*, Strategic Partnership Projects (SPP); Cooperative Research and Development Agreements (CRADA); Agreements for Commercializing Technology (ACT); and other mechanisms. IA reviews these agreements to ensure that the foreign engagements of the laboratories meet the requirements of DOE Order 485.1A to: (1) align consistently with the strategic interests and foreign policies of the U.S., (2) be legally sound and compliant with U.S. laws and regulations, and (3) address research security and counterintelligence considerations.

Interagency Appropriations Transfers and Reimbursable Work

IA federal staff also implement projects funded by other agencies through appropriations transfers or reimbursable work. The received funds occasionally fund IA federal staff travel and support services contracts, but not salaries, benefits, or administrative expenses.

Activities and Explanation of Change

Dollars in Thousands

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Energy Security and Clean Energy Initiatives \$1,200	\$3,100	+\$1,900
Energy Security and Clean Energy Initiatives provides technology innovation, resilience, sector development, training, and other activities through National Laboratories or headquarters contracts.	Continuation of Activities.	Increase in funding would support additional bilateral work in countries that are geopolitical priorities, countries who represent opportunities for mutually beneficial R&D collaboration, or countries who offer opportunities for technology-specific cooperation.
Technical Assistance \$1,350	\$1,350	No Change
Technical Assistance funds participation through dues, contributions, and other activities in multilateral organizations to improve alignment with U.S. goals.	Continuation of Activities.	No Change
Market Development \$0	\$3,000	+\$3,000
	Advance policies that foster incentives for decarbonization of the global energy sector while bolstering U.S. jobs, enhancing our innovation edge against our key competitors, and fostering resilient, secure energy markets and supply chains.	NEW
Multilateral Engagement \$0	\$6,500	+\$6,500
	Fund substantive workstreams under both the Clean Energy Ministerial and Mission Innovation, which are intended to drive innovation and build markets for several sectors, including hydrogen, super-efficient appliances and carbon dioxide removal technologies, amongst others, that are lynchpin technologies to address the climate crisis and where U.S. industry has a competitive advantage.	NEW
Net Zero World \$0	\$2,000	+\$2,000
	Net Zero World harnesses DOE's world class research complex and leverages inter-agency efforts to decarbonize the energy systems in strategically critical countries – growing the market for	NEW

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
	U.S. clean energy goods and services, creating jobs, and expanding U.S. influence.	
U.S. – Israel Energy Center of Excellence \$4,000	\$4,000	\$0
U.S.– Israel Energy Center of Excellence funding is provided to the Center on behalf of the U.S. Government. Matching contributions are also provided by the Israeli Government and private partners from the U.S. and Israel. The Energy Center will facilitate joint R&D activities on energy areas by teams of scientists and engineers from the U.S. and Israel.	Continuation of FY 2023 activities.	No change.
BIRD Energy Program \$2,000	\$2,000	\$0
BIRD Energy Program supports commercialization of new clean energy technologies.	Continuation of FY 2023 activities.	No change.

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Salaries and Benefits \$18,150	\$22,050	+\$3,900
Use of prior year balances supports Salary and Benefits of federal employees expenses.	Continuation of FY 2023 activities.	Supports 4 additional FTEs for bilateral and multilateral relationships, market development, and international economic opportunities. \$1M of this amount provides additional support for the Department of Energy's overseas presence. Assumes a 5.2 percent pay raise for federal employees and FERS benefits increase in FY 2024.
Travel \$800	\$1,200	+\$400
Travel to support the President, the Secretary, and others supporting meetings and events pertaining to energy policy, science and technology, and multilateral national security engagements.	Continuation of FY 2023 activities.	Supports additional International Travelers.
Support Services \$200	\$450	+\$250
Subscriptions and Publications Management Support Contracts for administrative functions.	Continuation of FY 2023 activities.	Increase number of subscriptions for additional FTEs.
Other Related Expenses \$4,300	\$4,492	+\$192
Working Capital Fund, Building Rent, IT Equipment and Services, Training, Secure Communications, Translation Services, Security Investigations, Supplies, Training, and Registrations.	Continuation of FY 2023 activities.	No significant change

**International Affairs
Research and Development (\$K)**

	FY 2022 Enacted	FY 2023 Request	FY 2024 Request	FY 2024 Request vs. FY 2023 Request
Applied Research (Direct)				
U.S.-Israel Energy Center of Excellence	4,000	4,000	4,000	0
BIRD Energy Program	2,000	2,000	2,000	0
Total, R&D	6,000	6,000	6,000	0

Office of the Chief Information Officer

Overview

The Office of the Chief Information Officer (OCIO) leads and manages information technology (IT), information management (IM), operational technology (OT), spectrum and cybersecurity for the entire DOE enterprise.

Highlights of the FY 2024 Budget Request

The FY 2024 Request is \$245,169,000 which is an increase of \$30,169,000 or 14 percent from the FY 2023 Enacted amount and provides a down payment on IT infrastructure and cybersecurity requirements at the Department of Energy going forward. This increase is composed of the following activities: (1) Advanced Wireless Strategy (\$6,735,619), (2) Cyber Modernization and Response and Recovery activities (\$18,731,000), (3) Technology Transformation Services (\$1,200,000) and (4) an increase to Program Direction to cover cost of living increases for Federal FTEs and other related costs (\$3,502,381). Details related to these increases are provided in the Budget narratives.

The FY 2024 Request continues to support the President's Management Agenda priorities of IT Modernization and Cybersecurity initiatives that leverage process improvements, focuses on digital services delivery and provides for continued incremental progress in funding ongoing activities. OCIO's priority is to continue the modernization of DOE's IT infrastructure and IT services to provide the capacity, flexibility, and resiliency required for a modern and secure enterprise, including enhancing the security of the critical infrastructure assets owned by DOE's Power Marketing Administrations.

The OCIO continues to provide leadership, coordination, policy direction, governance, oversight and strategic support and services across the entire DOE enterprise, while also providing direct IT and cybersecurity services to the vast majority of DOE headquarters programs.

The OCIO will lead spectrum management activities across the DOE enterprise and ensure coordination of wireless research and development across DOE and with our interagency partners to meet our security and functionality requirements. The OCIO will also continue to lead the DOE geospatial PMO and represent DOE's geospatial program with interagency partners.

The proposed modernization and technology development initiatives included in the FY 2024 Request will continue to provide a down payment on the overall resources required to reduce the threat of cyber attacks to both DOE's IT and OT assets through technical tools and automation, scale capacity commensurate with demand, and establish enabling IT enterprise capabilities. This will allow for commercial/managed IT service implementation with engineered and inherent cybersecurity capabilities and provide foundational requirements for enhanced cybersecurity tools, products, and capabilities. Cyber vulnerabilities will continue to be addressed through funds specifically dedicated to cyber response and recovery management in the FY 2024 Request.

The OCIO will focus on opportunities to increase DOE enterprise-wide asset visibility through real-time information availability, integrated incident reporting and metrics and tool modernization to increase data integration; strengthening enterprise risk management practices and execution of enterprise-wide assessments and risk register reporting; and delivering improved cybersecurity training, education, and awareness. Additionally, the OCIO works closely with federal interagency partners and like-minded international partners to leverage best practices in technology innovation and cybersecurity to improve the Department's overall security posture.

Office of the Chief Information Officer
(\$K)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Chief Information Officer					
Cybersecurity					
Protecting Networks and Information (Protect)	25,725	30,985	37,721	6,736	+22%
Detect, Analyze, and Mitigate Intrusions (Detect and Respond)	24,700	31,431	31,431	0	0%
Shaping the Cybersecurity Environment (Identify and Recover)	20,665	29,945	29,945	0	0%
Total, Cybersecurity	71,090	92,361	99,097	6,736	+7%
Cyber Modernization Response and Recovery	57,972	40,275	59,006	18,731	+47%
Corporate IT Program Support					
IT Portfolio Summary	17,271	22,881	24,081	1,200	+5%
IT Infrastructure	2,970	4,170	4,170	0	0%
End User-Energy Information Technology Services (EITS)	3,996	4,184	4,184	0	0%
Total, Corporate IT Program Support	24,237	31,235	32,435	1,200	+4%
Program Direction					
Salaries and Benefits	25,663	30,963	32,439	1,476	+5%
Travel	330	336	400	64	+19%
Support Services	3,325	3,325	3,575	250	+8%
Other Related Expenses	14,383	16,505	18,217	1,712	+10%
Total, Program Direction	43,701	51,129	54,631	3,502	+7%
Total, Chief Information Officer	197,000	215,000	245,169	30,169	+14%
Federal FTEs	124	143	143	0	

OCIO Sources for Funding Activities	FY 2024 Request	WCF	Customer (EITS)	Total
CYBERSECURITY				
Protecting Networks and Information (Protect)	37,721	0	3,425	41,146
Detect, Analyze, and Mitigate Intrusions (Detect and Respond)	31,431	0	5,573	37,004
Shaping the Cybersecurity Environment (Identify and Recover)	29,945	0	9,602	39,547
TOTAL, CYBERSECURITY	99,097	0	18,600	117,697
CYBER MODERNIZATION RESPONSE AND RECOVERY	59,006	-	-	59,006
CORPORATE IT PROGRAM SUPPORT				
IT Portfolio Summary ¹	24,081	8,767	-	32,848
IT Infrastructure	4,170	-	-	4,170
End User –Energy Information Technology Services (EITS)	4,184	42,482	94,683	141,349
TOTAL, CORPORATE IT PROGRAM SUPPORT	32,435	51,249	94,683	178,367
PROGRAM DIRECTION				
Federal Salaries & Benefits	32,439	-	-	32,439
Travel	400	-	-	400
Support Services	3,575	-	-	3,575
Other Related Expenses	18,217	-	-	18,217
TOTAL, PROGRAM DIRECTION	54,631	-	-	54,631
OCIO payments into Shared Services and WCF ²		(3,610)	(7,073)	(10,683)
Total, Chief Information Officer	245,169	47,639	106,210	399,018
Federal FTEs	143	3	-	146

¹ The WCF Corporate IT Program Support reflects the WCF request for \$51,249,000 which is comprised of \$8,767,000 for the Inter-Agency Transfers business line under IT Portfolio Summary and \$42,482,000 is for End User – EITS Telecommunications business line.

² OCIO provides funds to Shared Services and WCF as a customer as well as the rest of the contributing program offices. In order to not double count those payments in the totals available, a bottom line adjustment was made.

Office of the Chief Information Officer

Cybersecurity

Overview

The OCIO leads the Department's Cybersecurity program for the entire enterprise, including the Power Marketing Administrations on behalf of the Secretary and in accordance with the Federal Information Security Modernization Act of 2014; and unclassified network services to DOE Headquarters and participating field sites. This includes protecting DOE networks and information; detecting, analyzing, and mitigating intrusions; providing continuous monitoring of the network and infrastructure; and managing the DOE cybersecurity environment. The following summarizes the Cybersecurity portfolio of work and provides information on the anticipated activities.

Highlights of the FY 2024 Budget Request

- Increase enterprise-wide visibility of the Department through increased real-time information availability, integrated incident reporting data and metrics, and tool modernization to increase data integration. (Protect, Detect, and Respond)
- Strengthen enterprise risk management practices to support defensible business decisions through sustainment of the Enterprise Cybersecurity Risk Management program, Supply Chain Risk Management program, and execution of enterprise-wide assessments and risk register reporting. (Identify and Recover)
- Deliver improved cybersecurity training, education, and awareness through enriched cybersecurity training curriculums, awareness and learning opportunities, and collaboration with internal and external cybersecurity communities of interest. (Protect)
- Continue migration of data center applications to the cloud and optimization of multi-cloud (the distribution of cloud resources over a number of clouds) operations and application workloads. (Identify and Recover)
- Continue implementation of Trusted Internet Connection (TIC) 3.0 and Zero-Trust Networking capabilities. (Protect)
- Deploy new capabilities in Customer Relationship Management (CRM), Workforce Enablement, Digital Worker Services, Identity Management, Infrastructure Services, and IT Service Management. (Protect)

Funding Breakout and Analysis

This section summarizes the program and activities associated with the overall projected OCIO cybersecurity budget. It captures activities under three budget lines aligned to the NIST Cyber Security Framework (CSF):

- Protect – Awareness and Training, Information Protection Processes, and Protective Technology
- Detect and Respond – Response Planning, Detection, Analysis, Mitigation, and Improved Communication
- Identify and Recover – Continuous Monitoring, Risk Assessment/Management, Business Processes, Governance, Asset Management, Recovery Planning, and Improvements

Budget Line: Protecting Networks and Information - Protect (\$37,720,619 – Request; \$3,424,572 – Customer) (TOTAL = \$41,145,191)

Provide programs to protect DOE networks and the information which resides on them.

Activity: Data Center Modernization (\$2,700,000)

Funding is being requested to continue the migration of on-premises data center workloads to the DOE enterprise cloud Infrastructure as a Service (IaaS), Software as a Service (SaaS), Platform as a Service (PaaS) environments in Amazon AWS and Microsoft Azure. Funding will also support the optimization of poly-cloud operations and applications within the cloud environments to include deployment of additional PaaS and SaaS solutions within the AWS and Azure environments. This initiative also supports and is aligned with the federal Data Center Optimization Initiative (DCOI) and will assist in driving the Department towards compliance while driving down Total Cost of Ownership (TCO) by leveraging cloud native solutions to automate workflow. Planned accomplishments for FY24 include 100% completion of all computer and storage workloads out of Germantown data center and into Poly-cloud environment.

Activity: Infrastructure IT Modernization (\$2,500,000)

This initiative will focus on new capabilities in the focus areas of Customer Relationship Management (CRM), Workforce Enablement, Digital Worker Services, Identity Management, Infrastructure Services, and IT Service Management as part of the overall DOE IT Modernization. This includes, modernizing DOE's IT infrastructure, services, and operations to a level consistent with the needed capacity, flexibility, and resiliency of a modern secure enterprise remains a key priority. This funding will support continued identification and implementation of new technologies, managed services, and commercial cloud services solutions to improve cybersecurity, scale capacity commensurate with demand, and establish IT enterprise capabilities in support of DOE enterprise users and the DOE mission. Planned accomplishments for FY24 include a fully scoped and implemented CRM program to include government and contractor FTEs focused on OCIO strategic objectives and meeting customer requirements through innovative IT solutions.

Activity: Design and Engineering (Previously Policy and Development- IT Modernization) (\$2,573,000)

This funding supports Google Cloud Platform (GCP) Operations and Maintenance to further develop the platform and maintain a security Authorization to Operate (ATO). As part of the OCIO effort to expand cloud services to the Enterprise, OCIO is leading a project to integrate Google Cloud Platform (GCP) as an additional Cloud offering in the OCIO portfolio to compliment current offerings such as Amazon AWS and Microsoft Azure. GCP is a FedRAMP authorized Cloud platform with a set of management tools, identity and security services, and modular cloud products for commodity and advanced IT deployments such as Analytics, Machine Learning, and Artificial Intelligence. Specifically, the offering provides governed access and broker services to the suite of GCP cloud computing products, including high-level services like Containers that may not be available in other OCIO offerings, to support the missions of the Innovation Foundry and the broader Department of Energy Offices and Labs.

Activity: Network Modernization - DOEnet/ESnet (Energy Sciences Network) & Trusted Internet Connection (TIC) 3.0 (\$2,395,000)

The Department maintains a corporate business Wide Area Network (WAN), DOEnet, supporting enterprise business services. DOE continues to evolve from a decentralized entity to one focused on integration and collaboration, which requires modernization of the DOE wide area network. This funding will continue the efforts to improve operational performance, security, and resiliency, while expanding opportunities for multi-site collaborations through modernization of the Department's wide area network architecture. This funding will support DOE's efforts to transition to Internet Protocol Version 6 (IPv6). Identify and implement additional Trusted Internet Connection (TIC) 3.0

and Zero-Trust Network (ZTN) capabilities and solutions aligned with the Department of Homeland Security (DHS) guidance in support of the continued shift from on-premises TIC infrastructure to commercially managed services and solutions to deliver an improved mobile/remote access experience for DOE users and support the expanded use of cloud services. Planned accomplishments for FY24 include 20% of EITS devices transitioned to IPV6 and Zero-Trust improvements to include secure DNS and strict HTTPS.

Activity: Identity, Credential, and Access Management (ICAM) (\$4,500,000)

Funding supports the requirement for PIV or equivalent Identity Assurance Level (IAL)/Federation Assurance Level (FAL)/Authenticator Assurance Level (AAL) credentials for network access for privileged and un-privileged accounts. DOE has achieved the OMB goal to require PIV or equivalent to access un-privileged network user accounts and will focus efforts on the OMB goal for privileged network user accounts. Funding will enable expansion of the digital identity repository of DOE sites. The DOE identity management service supports 377,546 identities of which 236,868 are current active identities. Funding will expand authentication services directly supporting a current total of 170 DOE applications in production or in process as well as federated to 4 authentication hubs and expansion of authentication services to DOE sites which will result in raising the requirement for use of the proper credential based on a role-based risk assessment. Funding also supports continued federation services with MAX.gov and Login.gov, ongoing cloud infrastructure costs, enterprise service support for the DOE-wide global address list including exchange of encryption certificates and physical access for a number of sites, and enterprise licensing of identity and access management commercial products.

Activity: Managing DOE Spectrum Program (\$1,553,000)

Funding will provide Spectrum Management technical, logistical, and administrative support, as well as ongoing oversight and advocacy at an inter-agency level in the National Capital Region. The DOE Spectrum Program is mandated under Title 47, U.S. Code of Federal Regulations, 901, et. seq., and manages DOE radio frequency spectrum-dependent resources for NNSA, Power Marketing Administrations (PMAs), Office of Secure Transportation, and National Laboratory spectrum-dependent assets. DOE is the 9th largest holder of radio frequencies with more than 7,300 individual radio assignments across 34 sites receiving services from OSM including Headquarters, the National Labs, the PMAs, and NNSA sites. Critical DOE missions and essential functions utilizing Spectrum services include the National Power Grid, Interstate Electricity Transmission, Satellite Missions, Nuclear Emergency Search, Radiological Assistance, Secure Transportation and Safeguards, and Protective Force Communications.

Activity: Coordinate Cyber Response, Cybersecurity Awareness, and Role-Based Training (\$4,600,000)

This funding supports the continuation of role-based training to ensure the Department's authorizing officials, system owners and information systems security officers have the best training available to provide critical risk management support. The Cyber Forensics and Incident Response Exercise (CyberFIRE) program is a flagship training program that develops cyber incident responder specialized skills needed to defend information technology (IT) and operational technology (OT) infrastructure, to mitigate cyber threats through extensive training and enables the development of advanced teams of incident responders. This funding provides for two events per year, bringing together incident responders from across DOE, the public sector, private sector, and international partners. Smaller events are held with members of the private sector and academia. Funding in this activity is to develop and improve cybersecurity training and awareness by:

- Developing world-class cyber leadership and workforce to improve recruitment and retention;
- Building a cybersecurity community within DOE and externally through partnerships with other Federal stakeholders;
- Improving Authorizing Official (AO) and risk-based investment training for DOE leader enablement;
- Improving cyber professional workforce through education and training opportunities via community moderated forums, cloud-based technology, and hands-on education channels; and
- Enhancing workforce engagement through enriched cybersecurity training curriculums; awareness and learning opportunities; and collaboration with internal and external cybersecurity communities of interest.

Activity: Operations Technology (OT)/ Control Systems (CS) Technology (\$1,000,000)

This funding will support testing of new processes and piloting of technologies that improve the Department's ability to detect, monitor and protect these critical systems. As a member of the DHS CISA-led Control Systems Interagency

Working Group and with the responsibility to manage and oversee a vast number of industrial control systems and critical infrastructure supporting the electrical grid, DOE is expected to engage and act on Executive Order (EO) 3920, *Securing the United States Bulk-Power System*. DOE has commissioned an internal Control Systems Working Group to define the DOE control systems environment and execute a strategy to remediate cybersecurity control gaps and institute process improvements to ensure the security of the nation's Bulk-Power System while maintaining compliance with the North American Electric Reliability Corporation (NERC) Critical Infrastructure Protection standards.

Activity: Control Systems (CS) and Operational Technology (OT) Modernization (\$2,158,000)

Funding will provide expansion of cloud-based data storage, analytics platforms, communications links to move data, sensors and analytical tools designed for CS/OT and training from industry experts in the field of control systems and operational technology to improve visibility, increase monitoring, shared situational awareness, and collaboration.

Activity: Emerging Technologies (\$1,800,000)

Funding will support strategy and architecture activities for the Department through the Innovation Foundry. The Emerging Technology architects gather and analyze business opportunities; establish and validate risk mitigation strategies; identify use cases; develop architecture designs that show efficiencies in areas such as business processes, decision making, and cost reductions; and pass technical specifications to Innovation Foundry build teams. The effort will help the agency align with the objectives outlined in EO 13859, *Maintaining American Leadership in Artificial Intelligence*, and will assist in the adoption of new technologies. This activity includes the following:

- Provide technical evaluations and recommendations
- Identify promising technologies for possible Departmental integration
- Recommend ways to integrate products and services into an operational environment

Activity: Cybersecurity Program Management Support (\$581,000)

Funding will provide support for OCIO leadership in the areas of cybersecurity program management and administrative support for cybersecurity projects to include tracking, monitoring, and reporting project status and providing strategic guidance and recommendations to OCIO leadership to accomplish the strategic goals of the organization.

Activity: Program Management Oversight for Cybersecurity (\$2,625,000)

Funding will provide program integration and innovation support for managing IT Support Services strategic sourcing vehicle for OCIO contracts in the areas of Cybersecurity:

- Provide program management in support of projects, including tracking, monitoring, and reporting project status and providing strategic guidance and recommendations to OCIO leadership to support evidence-based and data-driven decision-making to accomplish strategic goals of the organization.
- Support IT projects assessing and shaping the demand pipeline for services across the agency to enable the OCIO to streamline the investment decision process for new IT products and services.
- Provide strategic design and innovation in order to clearly define and map issues, uncovering the customer pain points at project onset and developing an understanding of customer needs, preferences, and behaviors to design future state operations and enhance service delivery.
- Provide organizational change management in support of IT projects in order to account for the impact new initiatives have on operations, culture, and employees; and ensures the capability to sustain continual IT refresh and innovation.

Activity: Anonymized Browser (\$500,000)

Funding is for Anonymized Remote Browser Isolation solution to provide an additional layer of protection for DOE users and assets by separating browsing activity from endpoint hardware, thereby reducing the device's and the organization's attack surface. If a user clicks on a malicious link in a browser session, that payload would be executed in the Remote Browser instance and not on the DOE user's desktop and when the session is ended, anything malicious is deleted. Planned accomplishments for FY24 include full scope analysis of browser isolation solutions to improve overall cybersecurity posture.

Activity: Platform Engineering (\$1,500,000)

Funding will support the Platform Engineering work required for the following:

- Near-term: Bring the EITS Azure cloud environment into parity with the EITS Amazon Web Services environment to ensure that current state capabilities, security configuration, governance, and monitoring are consistent across platforms.
- Longer-term: Develop and implement standardized policies, procedures, and governance to mature current state EITS cloud platform services into a Polycloud capability end state.

Initial maturity efforts will include: developing a Polycloud strategy to ensure consistency in operational security implementation of vulnerability scanning and configuration compliance monitoring; developing automation opportunities with cloud offering to increase the efficiency and further reduce compliance risk by minimizing opportunities for human error; expanding existing Infrastructure as a Service (IaaS) services to include Platform as a Service (PaaS) and Marketplace offerings; leveraging opportunities to securely offer containers, and developing policies and capabilities for leveraging data at rest encryption across Polycloud capabilities. The Platform Engineering effort work is necessary to move away from segmented cloud service implementations and into an EITS Polycloud services that caters to many needs but delivers and offers those services and capabilities in a secure, compliant, and consistent manner. Planned accomplishments for FY24 include full Polycloud environment with documented strategy, governance and cloud services offerings. Accomplishments also include optimization of current and future workloads and leveraging cloud native capabilities to reduce overall cost.

Activity: Advanced Wireless Implementation (\$6,735,619)

The OCIO, as the policy lead for 5G and spectrum management within the Department, will codify an advanced wireless strategy and develop an implementation program to support advanced wireless activities, including the research, development, and deployment of advanced wireless to fulfill DOE and national missions, and provide both structure and leadership to ensure coordinated and effective curation, sharing, and innovation. Achieving the intent of this scope will require a long-term commitment by the OCIO and the ability to cooperatively engage other DOE elements and appropriately fund the National Laboratories to provide cutting edge reliable solutions. We will be encouraging multi-Lab collaborations. The type of work envisioned may include such things as development of a Grid Flexible Energy Resource Security Test-platform (Grid FERST) to focus on security, resilience, and removing cost barriers to fast-track testing, integration, and verification of new energy resource systems; maturing techniques for dynamic spectrum sharing and use of millimeter wave frequencies; and providing wireless broadband capability to rural and disadvantaged communities by engaging and assisting energy transmission and distribution agencies to develop, engineer, and evaluate wireless broadband solutions. This effort directly supports implementation of the Secure 5G and Beyond Act of 2020 and the National Strategy to Secure 5G. This is a new activity for FY 2024.

Customer funding provided as part of Energy Information Technology Services (EITS) (\$3,424,572)*
Cyber for EITS Protect (\$3,424,572)*

Funds secure data transmissions to include credentialing and access management, data safeguarding, secure data transmission, and system security testing and analysis for EITS customers. Planned accomplishments for FY24 include improved capabilities surrounding data loss prevention with an overall increase in secure data transmissions. Accomplishments also include implemented and automated security testing.

** WCF and customer fund dollars include OCIO contributions*

Budget Line: Detect, Analyze, and Mitigate Intrusions – Detect and Respond (\$31,431,000 – Request; \$5,572,828 Customer) (TOTAL= \$37,003,828)

Expand operational visibility of the DOE complex through increased real-time information availability, integrated incident reporting data and metrics, and tool modernization to increase data integration. Visibility into cybersecurity operations across the DOE sites, labs, and offices is a critical component of ensuring strong cybersecurity. Oversight into current processes will help identify gaps and vulnerabilities in our systems. Programs being able to create this visibility and plug those gaps will be critical in the Department’s cybersecurity strategy moving forward.

Activity: Security Operations Center (SOC) Assessment/Pursuit/Hunt (\$250,000)

Establishing a standardized Security Operations Center (SOC) assessment model to evaluate SOC maturity across the DOE enterprise and enable better visibility of gaps and prioritization of requirements across the enterprise. The funding will be used to establish, train and test concepts for cybersecurity incident response Pursuit/Hunt teams which will significantly enhance our ability to proactively respond to and defeat a wide range of cybersecurity threats.

Activity: Integrated Joint Cybersecurity Coordination Center (iJC3) (\$14,300,000)

Enhancing and maturing the iJC3 will lead to greater enterprise visibility to stay ahead of adversaries and cyber threats. iJC3 leads the coordination of all cyber information for the Department, identifies trends, and gains significant insight into cyber operations, helping to inform critical decision making and enhance situational awareness. This will enable stronger stakeholder awareness and cross-collaboration amongst the various department elements, ensuring that resources are being allocated efficiently across the Department.

Activity: Automated Indicator Sharing Modernization (\$900,000)

Funding for this activity enables sustainment of a commercial off-the-shelf solution supporting machine-to-machine sharing of cyber threat intelligence, speeding up proactive defense and distributed detection for the DOE enterprise. This will provide automated signature delivery and indicators of compromise to automatically update cyber defenses, such as intrusion detection systems, intrusion prevention systems, and firewalls.

Activity: Big Data Platform (\$9,181,000)

Continuing maturation of Big Data Platform (BDP) and incremental planned growth for Amazon Web Services GovCloud storage and compute will enable improved data analytics and visualization of Department-wide cybersecurity threats and trends. The funding will add storage enabling the Department to meet the increased logging requirements by aggregating the most critical data needed to support Department-wide incident response and threat hunting. This will allow OCIO to be more accountable to the Department and the broader federal government through performance metrics and improved reporting.

Activity: Cybersecurity Tools and Licensing (\$4,200,000)

Funding supports sustainment, modernization, and operationalization of cybersecurity products or services, such as hardware, software, applications, and equipment designed to protect the DOE IT infrastructure and improve the iJC3's ability to detect, report, respond, and recover. Operationalizing cybersecurity products and services will enable more timely access to critical data and automated process support.

Activity: Deployable Incident Response Teams, Network Modeling, and Enhanced Exercise Program (\$248,000)

Funding supports the identification, exercising, and equipping of incident responders across the DOE enterprise that can support crisis action planning and virtual or on-site incident response support during a major cybersecurity incident. Providing enhanced tools to perform on-site network modeling of effected networks.

Activity: Cyber Modernization Continuation/Maturity (\$2,000,000)

Funding will be used to fund prioritized efforts in the Departmental Elements and National Laboratories to conduct pilots of new technology and sustain current efforts aligned to building a Zero Trust Architecture and securing cloud infrastructure across the Department to better defend DOE's critical information and infrastructure.

Activity: FireEye PCAP (\$202,000)

FireEye PCAP (Packet Capture) is an application programming interface for capturing network traffic. In keeping with the White House OMB Memo 21-31, PCAP is the requirement for Enterprise Logging Level 1 application-level traffic. The network forensic tool will help detect a broad array of security incidents, assist in investigations to determine scope and impact, effectively contain threats, and provide quicker recovery from events. The equipment is for monitoring and analyzing network traffic and protocol-based communications. Planned accomplishments for FY24 include increased and improved monitoring of network traffic by 10%.

Activity: Encase (\$150,000)

Encase is used in forensics to recover evidence from compromised hard drives. It allows the OCIO to conduct in-depth forensic analysis of user files to collect evidence such as documents, pictures, internet history and Windows Registry information. Encase is also vital to preserve the chain of custody in an event that evidence is needed for litigation

purposes. Encase also plays a critical role in all incident response investigations by allowing the incident response team to remotely triage workstations that may have malicious code, potential compromise, attempted intrusions, etc. It is also used during classified data spillage incidents to remotely keyword search workstations. The requested funding will be dedicated to licensing renewal for cybersecurity software used for digital forensics analysis and reporting by Enterprise Assurance Incident Response Team. Planned accomplishments for FY24 include increased and improved chain of custody procedures for EITS customers.

Customer funding provided as part of EITS (\$5,572,828)*

*Cyber for EITS Detect (\$5,572,828)**

Funding anti-phishing and malware defense, intrusion prevention and incident management and response for EITS customers.

** WCF and customer fund dollars include OCIO contributions*

Budget Line: Shaping the Cybersecurity Environment – Identify and Recover (\$29,945,000 – Request; \$9,602,253 Customer) (TOTAL = \$39,547,253)

To enable DOE to identify, assess, select, monitor, and report on risks, DOE will continue to mature its cybersecurity risk methodology to blend qualitative and quantitative risk management principles and demonstrate business use cases to answer tough questions. DOE will sustain and improve its supply chain as a service program, continue to improve business processes, streamline the security authorization process, and continue to emphasize operational risk versus compliance gaps.

Activity: Vulnerability Disclosure Program/Crowdsourced Penetration Testing (Sustain Bug Bounty) (\$3,100,000)

In accordance with DHS/OMB requirements, the Department will continue to mature its Vulnerability Disclosure Program (VDP) across all public facing systems and websites. This funding will sustain the existing contract to manage the DOE VDP solution. Providing the portal for responsible vulnerability disclosure, triage of submissions, coordination of remediation and communication with researchers and sustain crowd source penetration testing. VDP and crowd source penetration testing are critical assessment tools that enable the identification, remediation and/or mitigation of vulnerabilities before they can be exploited by our adversaries.

Activity: Cybersecurity Modernization (\$2,700,000)

Funding supports modernizing DOE's infrastructure and cloud-based security through a secure, robust, and capable infrastructure and network, built on interoperable standards and architecture principles. Projects that make up the initiative, when completed, will support continued maturation and automation of the EITS Site Security Operations Center (SOC) capabilities in alignment with the overall DOE Enterprise. Specifically, FY 2024 funding will support continued modernization and automation of cybersecurity operations capabilities, including the transition from legacy on-premises capabilities and technologies to cloud native tools and capabilities, deployment of Artificial Intelligence (using Machine Learning) solutions to support automated log correlation activities, implementation of controls and methodologies to align with the DOE Controlled Unclassified Information (CUI) Order, support for enterprise initiatives, such as Metadata Taxonomy and Risk Management dashboards. Planned accomplishments for FY24 include documented polycloud architecture with associated security architecture. Accomplishments also include fully automated SOC capabilities to enable increased threat hunting.

Activity: Supply Chain Risk Management as a Service (\$4,000,000)

This funding is to sustain the enterprise Supply Chain Risk Management (SCRM) program that provides proactive supply chain security support for the DOE Enterprise. The program provides critical capabilities that guide, educate, and manage supply chain risks to National Security Systems and Information and Communications Technology (ICT) components and includes shared services, a common lexicon, and best practice procedures in procurement, delivery, and deployment of IT products and services that are used across the enterprise and select Federal Departments/Agencies. This program is a critical enabler in supporting the Department's ability to meet FITARA requirements as well as regulatory requirements levied on the Power Marketing Administrations by NERC and FERC.

Activity: Enterprise Architecture (Previously Requirements Analysis and Integration) (\$1,450,000)

Funding this activity supports maturing the DOE Enterprise Architecture Program initially focusing on management of the Technical Reference Model (TRM) on commercial off the shelf (COTS) software and expansion and Application Rationalization. This activity will continue furthering Business Architecture through DOE Business Reference Modeling, defining and integrating the Application Reference Model and defining a DOE Security Reference Model. A major objective of the Enterprise Architecture program is to conduct application rationalization to incrementally consolidate and retire systems and applications performing similar functions. The goal of the Enterprise Architecture program is to have a clear line of sight from the business and mission drivers to applications supported by COTS products captured in the Technical Reference Model. Funding will also support the expansion of the Enterprise Architecture repository tools to the broader DOE community.

Activity: Cybersecurity Strategic Communication Support (\$720,000)

This funding is to add contractor support to help to drive cybersecurity by advancing our priorities through enhancing OCIO public advocacy/diplomacy and communications (including via social media and multimedia), executing thorough communications research, crafting quality briefing materials, and supporting various other executive-level actions. This activity provides cybersecurity strategic communications support to OCIO leadership in advancing the Department's cybersecurity missions through policy, standards, and services for the enterprise information system.

Activity: Cybersecurity Emergency Management Support (\$300,000)

Operational and mission support for continuity of operations (COOP) and disaster recovery (DR) planning. Support includes planning and training for a comprehensive array of potential emergencies or disasters that may impact the continuity of operations and the performance of mission essential functions. This includes the development of tabletop exercises, SOPs, creating metrics to measure success and inform decision-making, updating portfolio plans, testing emergency communications and personnel accountability, maintaining vital records, and preparing for devolution and reconstitution contingencies. Planned accomplishments for FY24 include a planned and executed tabletop exercise to test and refine SOPs and emergency communications.

Activity: Enterprise (EITS Customer Base) Identity (\$2,369,000)

Funding is requested to provide additional licenses for Identity Governance and Administration system. Saviynt will provide for centralized collection of user identity data, full identity lifecycle management, and automated account provisioning. The new system will replace the legacy Management Information System (MIS) identity management data collection system. Scope of this system increased from an initial user base of EITS active directory (AD) users to a larger user base that accommodates all users of EITS systems including DAYS (ServiceNow) and Azure Active Directory. It also includes customers outside the EITS user base who use the contractor sponsorship workflow in MIS. Expansion of the scope of the project allows us to be a service provider to customers beyond our AD user base. Additional licenses are needed to support the expanded user base. This is a recurring annual fee for Saviynt SaaS services. This funding request accounts for both licensing and labor associated with implementing Identity and Access Management (IAM) driving towards compliance with EO 14028. Planned accomplishments for FY24 include implementation of service catalogue management and automation of catalogue items and life cycle events. Additional accomplishments include expansion of single sign-on capabilities with Azure Active Directory and automated and reporting of analytics through MyIdentity (Saviynt).

Activity: Strategy and Program Management, Security Authorization and Physical/Personnel Security Support and Planning, Policy, and Enterprise Risk Management (\$12,890,000)

Funding is requested to continue to support contractor labor capacity to account for tasks and demands related to: Mature and expand Enterprise Cyber Risk Management (ECRM) program; Mature Security Authorization Process; Optimize DOE- sponsored authorizations under the FedRAMP program; Compliance and Oversight Process Improvements; EO implementation Program Management and the continued management of the OCIO led Control Systems Working Group (CSWG) to develop a holistic roadmap to secure Operational Technology systems.

Activity: Continuous Diagnostics and Mitigation (CDM) Modernization CM License Lifecycle Maintenance of Enterprise Renewals (\$1,616,000)

As responsibilities shift from DHS to DOE, funding is required to sustain enterprise licenses for critical CDM capabilities. Improving operational visibility and continuous monitoring relies heavily on our ability to know what is on our networks and the attack surfaces associated with those networks. DOE, in partnership with DHS and their CDM program office, has made major investments in hardware and software asset management, continuous monitoring and reporting

capabilities for the Department. The CDM program provides critical resources to help DOE comply with federal monitoring and reporting requirements through capability deployments and centralized data.

Activity: CDM Contract Labor FTEs (\$800,000)

The funding request is for contract labor to support Software Asset Management, continuous monitoring, and reporting requirement. (In accordance with M-20-04, agencies are required to submit separate, CDM-specific line items in budget submissions.)

Customer funding provided as part of EITS (\$9,602,253)*

*Cyber for EITS (\$9,602,253)**

Funding provides for authorization and policy and continuous diagnostics and mitigation (CDM) for EITS customers. Planned accomplishments for FY24 include reducing agency threat surface, increasing visibility into the federal cybersecurity posture, and improving federal cybersecurity response capabilities.

** WCF and customer fund dollars include OCIO contributions*

Cybersecurity

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Cybersecurity \$92,361,000	\$99,096,619	+\$6,735,619
Protecting Networks and Information (Protect) \$30,985,000	\$37,720,619	+\$6,735,619
Funds will support a Coordinated Cyber Response, Network Security Modernization- Infrastructure IT Modernization, Network Security Modernization- Data Center Modernization, Network Security Modernization- DOEnet/Esnet (Energy Sciences Network) & Trusted Internet Connections (TIC)/ Independent Assessment, Identity Credential and Access Management (ICAM), IT Modernization Support, Cybersecurity Training and Awareness, Bug Bounty, Program Management Oversight Emerging Technologies, Spectrum, and Cybersecurity Program Management, Anonymized Browser (Isolation), Emerging Technologies, Coordinated Cyber Response/Cyber Training and Awareness, Control Systems (CS) and Operational Technology Modernization (site Assessment & Tools), Operations Technology (OT) / Control Systems (CS) Initiatives and Platform Engineering are the planned initiatives.	Continue FY 2023 program activities with new requests for FY 2024: Advanced Wireless Implementation (+\$6,735,619)	New initiatives of Advanced Wireless Implementation (+\$6,735,619).

Activities and Explanation of Changes Continued

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
<p>Detect, Analyze, and Mitigate Intrusions (Detect and Respond) \$31,431,000</p>	<p>\$31,431,000</p>	<p>+\$0</p>
<p>Funds will support the following initiatives: Integrated Joint Cybersecurity Center, Big Data Platform, Cybersecurity Tools and Licensing, Deployable Incident Response Teams, and Automated Indicator Sharing Modernization. SOC Assessment/ Pursuit/ Hunt (iJC3), EO Cyber Reserve Pilot Continuation/Maturity, FireEye PCAP, Encase.</p>	<p>Continue FY 2023 program activities in FY 2024.</p>	<p>No Change</p>

Activities and Explanation of Changes Continued

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
<p>Shaping the Cybersecurity Environment (Identify and Recover) \$29,945,000</p>	<p>\$29,945,000</p>	<p>+\$0</p>
<p>Funds will support the following initiatives: Planning, Policy and Enterprise Risk Management; Cyber Supply Chain, MEGABYTE Act Tool, Requirements Analysis and Integration; iJC3 Cyber Operational Technology (OT) Protection; Strategy and Program Management; Security Authorization and Physical/Personnel Security Support; Data Center Optimization Initiative; 21st Century IDEA Act; Cybersecurity Strategic Communication; and Cybersecurity Emergency Management. Continuous Diagnostics and Mitigation (CDM) Modernization CM License Lifecycle Maintenance of Enterprise Renewals; CDM Contract Labor FTEs, Cybersecurity Modernization, Enterprise Identity (EITS Customer Base), Strategy and Program Management, Security Authorization and Physical/Personnel Security Support and Planning, Policy and Enterprise Risk Management, Vulnerability Disclosure Program/ Crowd Source Pen Testing.</p>	<p>Continue FY 2023 program activities in FY 2024.</p>	<p>No Change</p>

Cyber Modernization Response and Recovery

Overview

The FY 2024 President's Budget requests \$59,006,000 which is an increase of \$18,731,000 over the FY23 Enacted amount. to address the impacts of cyber incidents at the Department of Energy. The purpose of the funding is to address enhancement and modernization needs and does not focus on wholesale replacement of IT systems at this time. The funding request targets critical cybersecurity needs and prioritizes basic cybersecurity enhancements, including: cloud security, Security Operations Center (SOC) enhancements, encryption, Multi-Factor Authentication (MFA), increased logging functions, and enhanced monitoring tools. The additional funding will go towards supporting the Identity Services and Implement Zero Trust Principles.

Funding Breakout and Analysis

This section summarizes the program, activities, and the budget lines associated and aligned with the overall OCIO Cyber Modernization Response and Recovery:

- Cloud Technology Adoption
- Detection and Response (EDR/Logging)
- Multifactor Authentication (MFA) and Data Encryption
- Zero Trust Architecture

Budget Line: Cloud Technology Adoption - (\$18,800,000 – Request) (TOTAL = \$18,800,000)

Activity: Cloud Technology Adoption (\$18,800,000)

Funding will be used to continue to migrate applications to the cloud to meet the requirements of EO 14028. This effort will define cloud adoption standards and commonly used cloud architecture patterns for the major Cloud Service Providers (Amazon Web Services, Azure, and Google Cloud Platform). The cloud architecture patterns will be based off common migration use cases derived from asset inventories and discovery and will consider different stages of cloud maturity. An integrated platform service offering, and enterprise repository will be established for pre-configured architecture components to allow for re-usable accelerators for cloud technology adoption. Development, security, and operations (DevSecOps) is the approach for automation and platform design to integrate security with cloud migrations. Funding will be used to implement DevSecOps tools to ensure consistent standards are applied for cloud migrations and runtimes. Funding will support defining cloud policy and governance, including cloud services configuration, integration, and authorized use to maintain security and compliance standards across providers. Funds will be used to continue to establish a Cloud Center of Excellence (CoE) to support Cloud Technology Adoption understanding and planning. This effort will enable the front door for enterprise cloud knowledge management, providing the cloud education and expert support necessary for customers.

Budget Line: Detection and Response (EDR/Logging) - (\$20,700,000 – Request) (TOTAL = \$20,700,000)

Activity: Upgrade Boundary Monitoring Sensors (\$3,350,000)

Funding will be used to continue to monitor the footprint of network sensors, and further facilitate the tech refresh of the Cooperative Protection Program (CPP) legacy hardware solution. Funding will be used to procure security monitoring sensors and AWS Gov cloud infrastructure to serve as phase one of a full technology refresh of the Cooperative Protection Program (CPP) custom government-off-the-shelf (GOTS) system. The tech refresh will include 43 sensors to support 22 DOE field sites, National Laboratories, and PMA sites, as well as retain sufficient inventory to pre-stage new sensors and support the replacement of faulty equipment.

Activity: Logging and Endpoint Detection and Response (EDR) (\$11,350,000)

Funding will be used to continue integrated endpoint security solution that combines real-time continuous monitoring and collection of endpoint data to mitigate cybersecurity threats. Integrating automation throughout these capabilities will improve the response to these threats and provide analytic tools to thwart future attacks. Funds will support monitoring services and provide enterprise visibility into infrastructure and applications to continuously monitor vulnerabilities. Funds will also be allocated towards implementing cyber analytic tools that analyze anomalous behavior to improve threat detection. Funds will be allocated towards implementing user and entity behavior analytics using commercial tools. Cyber Analytics will assist in baselining user traffic, perform anomaly detection, insider threat detection and enable custom alerting. Using analytics, teams can act on detection, automate quarantine, and review user behavior history. Funding will be used to continue to implement logging as a service with event correlation for incident and problem management to enable visibility into data for security and operations. Standardizing logging for applications will simplify monitoring and alerting layers placed on top of the logging data.

Activity: Operational Technology (OT) Cybersecurity (\$1,500,000)

Funds will support the ongoing establishment of operational technology (OT) cybersecurity maturity assessment as well as development of OT cybersecurity best practices and governance. Funding will be used to document and assess the current state and establish governance for OT cybersecurity. Funds will also continue to support OT education and training to address any knowledge gaps.

Activity: Security Operations Centers (SOC) Capability Maturity (\$4,500,000)

Funds will support ongoing implementation of Security Information and Event Management (SIEM) and Security Orchestration, Automation, and Response (SOAR) capabilities to aid DOE in preventing, detecting, assessing, responding, and investigating cyber incidents. Assessments of the current SOC maturity will inform areas of improvement. Funds will be allocated towards streamlining SOC operations and improving maturity. This effort also aligns with the Information Sharing EO category.

Budget Line: Multifactor Authentication (MFA) and Data Encryption - (\$8,003,000 – Request) (TOTAL = \$8,003,000)

Activity: Identity Services (\$8,003,000)

Funding will enable enterprise sites and entities to utilize mature enterprise identity offerings for application integration. Funds will support completion of the roadmap for enterprise identity services in support of AWS, Azure, and Google Cloud Platform (GCP), including application integration and Privileged Access Management (PAM). Providing a suite of capabilities to strengthen identity proofing for temporary staff not included in the scope of HSPD-12 to elevate all staff to the highest Identity Assurance Level (IAL3) defined by NIST in Special Publication 800-63-3. To acquire software licenses promulgated by USAccess to issued derived PIV credentials which are impersonator resistant to both mobile devices and Yubikey containers, expand PKI impersonator resistant software certificates, develop requirements to integrate internal identity service with USAccess, acquire Yubikey devices to replace legacy smartcards, accelerate adoption of single sign-on using multifactor authentication, license and support enterprise privilege access management (PAM) solution to protect accounts with elevated rights, implement PKI key recovery services for USAccess and internal DOE PKI, and modernize the Energy Global Directory Service exchanging PKI certificates DOE-wide supporting encryption of sensitive information.

Budget Line: Zero Trust Architecture - (\$11,503,000 – Request) (TOTAL = \$11,503,000)

Activity: Implement Zero Trust Principles (\$11,503,000)

Funding will be used for continued development of the Zero Trust (ZT) Framework and Maturity Assessment Model. The ZT framework will be used as a guide for applications adopting ZT in accordance with EO 14028 and ZT standards. After ZT maturity assessments are conducted, ZT technical roadmaps will be developed for applications. A standard ZT adoption progress report will be developed for applications to report progress. Activities will also include establishing and promoting cyber workforce training opportunities and developing ZT related shared services. This effort will include implementing ZT pilots and support network engineering and configuration for network segmentation. Zero Trust Principles also align with the Unclassified data EO category.

Activities and Explanation of Changes Continued

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
<p>Cyber Modernization Response and Recovery \$40,275,000</p>	<p>Cyber Modernization Response and Recovery \$59,006,000</p>	<p>+\$18,731,000</p>
<p>Funding will be targeted to support cloud security, Security Operations Center (SOC) enhancements, encryption, multifactor authentication, increased logging functions, and enhanced monitoring tools.</p>	<p>Continue FY 2023 program activities in FY 2024 for the following: Cyber response and recovery needs at the Department and enhances DOE’s security posture to ensure protective measures are in place to prevent further incidents like SolarWinds.</p>	<p>Increase for Cyber Modernization / Response and Recovery (+\$18,731,000).</p>

Corporate IT Program Support

Overview

OCIO is requesting \$32,435,000 which is an increase of \$1,200,000 to support the new activity Technology Transformation Services for Corporate IT Program Support, which provides capital planning guidance, robust privacy and records management, IT products and services, and an efficient and effective IT platform.

Highlights of the FY 2024 Budget Request

- Enhanced services and automation in Enterprise Governance and FITARA operations
- Increased support for information technology service management platforms and engineering skills for new projects
- Preparation of cloud based tools and FedRamp sponsorship for expanded enterprise use of EITS Cloud Network
- Increased support for building business architecture models and Innovation Foundry Development
- Additional funding for professional services for sandbox subscriptions, tools, and advanced configurations.
- Funding for a new activity called Technology Transformation Services which is a reimbursement program for the General Services Administration (GSA).

Budget Line: IT Portfolio Summary (\$24,081,000– Request; \$8,767,000 – WCF) (TOTAL = \$ 32,848,000)

Activity: IT Investments for Mission Delivery and Management Support (\$1,410,000)

Funding supports enterprise-wide solution delivery and transformation with improved data ingestion, curation, usage and sharing of solutions ensuring compliance with the Federal Data Strategy, Geospatial Data Act, and Foundations for Evidence-Based Policymaking Act. Outcomes include agile methodology and assist with transitioning from legacy practices through approaches, such as Learning Agendas. The Innovation Foundry will help DOE entities to adopt new ways of doing business through both technology and processes. This funding supports product management and enterprise-wide adoption and transformation of products and services, online capabilities such as knowledge bases, communities of interest, and exchanges that allow for information to be shared across the agency.

Activity: Program Management Oversight (\$4,875,000)

Funds will provide Program Integration and innovation support for managing OCIO IT Support Services contracts. Specifically, funds will support:

- Providing program management on projects, including tracking, monitoring, contractor oversight, and reporting project status and providing strategic guidance and recommendations to OCIO leadership to support evidence-based and data-driven decision-making to accomplish strategic goals of the OCIO.
- Supporting IT projects, assessing and shaping the demand pipeline for IT services across the agency, which will enable the OCIO to streamline the investment decision process for new IT products and services.
- Providing strategic design and innovation in order to clearly define and map issues, uncovering the root cause of customer pain points at project onset and developing an understanding of customer needs, preferences, and behaviors to design future state operations and enhance service delivery.
- Providing organizational change management in support of IT projects in order to account for the impact new initiatives have on operations, culture, and employees; and ensuring the capability to sustain continual IT refresh and innovation.

Activity: Proof of Concepts and Pilots (\$557,000)

The project drives innovation by using technology in new ways to create a more efficient organization and improve alignment between technology initiatives and business goals. Funding is requested for resources to develop use cases and to showcase next generation IT solutions to the DOE enterprise such as by using Artificial Intelligence for service automation and low-code to centralize processes and explore rationalization. The resources will perform customer outreach, prototype high-level IT solutions, and determine the path to production. Existing governance and OCIO cloud offerings will be leveraged, if feasible, to provision the environment and deploy the solution.

Activity: Enterprise IT Portfolio Management (ITPfm) and IT Budgeting (\$2,500,000)

Supports Enterprise-wide coordination of Clinger-Cohen and Federal Information Technology Acquisition Reform Act (FITARA) requirements as pertain to IT Portfolio Management (ITPfm), IT investment performance oversight, and IT budgeting. Funding will enable OCIO's continued leadership of the Department's annual IT Portfolio submission process, implementation of the Technology Business Management (TBM) methodology, management of the ITPfm Help Desk, and cross-Departmental collaboration on IT budgeting and cloud cost management. Funding also supports applications used to manage the Department's IT Portfolio, meet OMB reporting requirements, and perform TBM analytics.

Activity: Enterprise FITARA Management, IT Governance, Policy, and Federal-wide Initiatives (\$3,344,000)

Supports leadership, guidance, and management of DOE IT Governance, FITARA, Section 508, Information Collection, E-Government, and IT policy. Funding will support continued management of an integrated governance framework that enables informed decision making, mission enhancement, operational excellence, IT acquisition, and risk management across the Enterprise; strategic and tactical IT policy development, maintenance, and implementation through coordination with internal and external governance groups; OCIO's IT acquisition processes as required by FITARA; and leadership and coordination of DOE's E-Government, Section 508, IPv6, FITARA, Paperwork Reduction Act (PRA), and other Federal-wide IT initiatives. Funding supports Section 508 compliance.

Activity: Enterprise IT Data Collection, Reporting, and Analytics (\$1,500,000)

Supports Departmental collection, validation, and analysis of Enterprise IT data in response to the annual Federal Information Security Management Act (FISMA) and Privacy Report to the Department of Homeland Security (DHS), Office of Management and Budget (OMB), Congress and the Government Accountability Office (GAO); the Integrated Data Collection to OMB; and several other routine and ad hoc IT data calls. Funding will enable continuing data call automation, enhanced data call efficiency, and improved respondent experience. Funding also supports applications for data collection, analysis, and reporting.

Activity: Technology Transformation Services (General Services Administration) (\$1,200,000)

Funding would be used to support a new Technology Transformation Services reimbursement program for the General Services Administration (GSA). This will include the transition of three existing programs (FedRAMP, the U.S. Web Design System, and the Data & Analytics portfolio) that are currently funded by GSA appropriations to a reimbursable model.

Activity: Policy and Performance Management (\$4,045,000)

Funding will support the DOE Enterprise Records Management, Controlled Unclassified Information (CUI), Forms Management, and Privacy Programs, as described in the sub-activities below.

Sub-Activity: Records Management (\$2,280,000)

Funding supports preserving individual rights, keeping mission critical information available to the Department, and preserving the history of the United States by managing DOE's federal records in accordance with National Archives and Records Administration (NARA) and other Federal agency requirements. Additional funds requested support configuration of automated records management solutions within existing tools following EITS's successful implementation of NARA's Capstone Approach to managing emails. Planned accomplishments in FY24 will include expanding current pilot efforts to identify legacy electronic records and migrate them into a compliant records management environment in Office 365; acquiring and configuring a tool to capture carrier-based text messages; and configuring existing tools to identify records and manage records in an automated manner. The records management solution will support Departmental elements, both as they currently operate, and as they participate in the

consolidation to Office 365. The end result will be a secure and scalable enterprise-wide solution, providing a consistent, accessible, and automated approach to electronic document and records management requirements.

Sub- Activity: Privacy Information Management (\$1,765,000)

Funding fosters the protection of individual privacy interests and the promotion of fair information practice principles by supporting HQ-driven enterprise-wide privacy information management activities in accordance with Privacy Act, E-Government Act, and OMB Privacy directives to ensure compliance with federal laws, regulations, and standards, under the direction of the DOE Senior Agency Official for Privacy (SAOP), who is also the CIO. Additional funds are requested to procure an automated privacy compliance workflow management solution that will service the DOE enterprise. An automated solution is necessary to ensure that privacy documentation is compliant with federal requirements for the creation and management of electronic information and forms. In addition, the Privacy Program will continue to grow and leverage the DOE Privacy Compliance Monitoring Program (PCMP) to review and assess DOE Element compliance with new requirements flowing from revisions to DOE Order 206.1 and other applicable Federal privacy laws and OMB privacy requirements. The PCMP will use site visits to meet with key field personnel, provide training, and conduct preliminary compliance evaluations. Planned accomplishments in FY24 include a revised Privacy Impact Assessment (PIA) process and template set to provide a streamlined and automated approval process, enhanced transparency, and reflect a transition to a risk-based approach to privacy assessment.

Activity: FedRAMP (\$650,000)

Funding will foster automation of privacy enhancing technology and records management tools by supporting FedRAMP preparation, compliance and sponsorship for expanded enterprise use on EITS Cloud Network of cloud-based tools including automated privacy dashboards, automated PIA workflows, and data loss prevention tools.

Activity: Controlled Unclassified Information (CUI) Implementation (\$1,500,000)

The CUI program provides the means to identify and protect the Department's most sensitive unclassified information. The program was created by EO 1356 and is codified at 32 CFR part 2002. The request will support the development of guidance to DOE programs and officers, the development and delivery of enterprise-wide outreach and training, and the acquisition and implementation of novel technological solutions to support records identification and digital marking capabilities. Planned accomplishments in FY24 include a fully compliant marking solution for documents and emails in EITS; publication of playbooks to aid in implementing CUI in additional environments across the DOE enterprise; acquiring and implementing intelligent data management tools to identify sensitive CUI material in existing records; and continuing to grow awareness of program requirements through community engagement, training, and customer support.

Activity: Records and Forms Digitization (was: Digital Forms Modernization) (\$2,500,000)

This program will create a modern, cost effective, automated, and user-friendly approach to electronic records management. DOE currently holds more than 13,000 cubic feet of permanent and temporary federal records in paper format. By mid-2024, the National Archives and Records Administration (NARA) will cease accepting paper records from Federal Agencies. This means all existing paper records not sent to NARA before then will need to be digitized before they are sent to NARA. Currently, DOE lacks the ability to digitize a large volume of records. This request will help establish scanning and quality control processes, whereby the records program can have confidence that newly generated electronic copies can serve as the authoritative record copy. The program will first focus on existing HQ records but will also help jumpstart the effort across the Department. This program will also generate a fully electronic environment to develop and manage DOE forms across their entire lifecycle, from creation and approval to operational use and approval routing. It will incorporate processes for OMB review and Paperwork Reduction Act, Privacy Act, and compliance with Section 508 of the Americans with Disabilities Act. This effort will reduce the creation of paper records requiring digitization and meet agency requirements to manage all records electronically.

Summary of Funding from Working Capital Fund – Interagency Transfers business line (\$8,767,000)*

Records Storage at NARA

Funding supports the annual agreement with NARA to provide records services and storage consistent with approved records schedules.

- *Integrated Acquisition Environment*
Provides for Interagency Agreement with the General Services Administration (GSA) to provide packaged services.
- *E- Government initiatives*
Initiatives include consolidation studies of lines of businesses and other intergovernmental systems.
- *OPM Credit Monitoring*
Funds credit monitoring services for all DOE employees following the Office of Personnel Management (OPM) Personally Identifiable Information (PII) data breach.

**WCF and customer fund dollars include OCIO contributions*

Budget Line: End User – IT Infrastructure (\$4,170,000 – Request) (TOTAL = \$4,170,000)

Activity: MEGABYTE Act Tool (\$250,000)

Request will support tools to aggregate software deployed across DOE into the enterprise architecture repository for real time access by elements across DOE. The resulting data is consumed into the enterprise architecture tool to form the DOE-wide Technical Reference Model containing COTS software products deployed across DOE. Software contained in the Technical Reference Model is reviewed for conformance to the DOE enterprise architecture policies to assure COTS software no longer supported by the vendor is removed from the environment. The Technical Reference Model informs the DOE Enterprise-wide Agreement program to achieve the objectives of the MEGABYTE Act to consolidate software acquisitions to achieve savings from aggregated acquisitions using DOE, GSA, and other Government-wide acquisition vehicles. The DOE Enterprise Architecture Governance Board (EAGB) reviews candidate software for addition to the Enterprise-Wide Agreement program on a bi-monthly basis.

Activity: 21st Century IDEA Act (\$2,020,000)

The agency has procured an enterprise cloud service to provide digital forms with electronic signatures and enterprise Web Modernization tools to fix and validate the 20 most visited websites. The agency is required under the 21st Century IDEA to report annually on the 21st Century IDEA web modernization and other efforts to meet requirements set forth in the Act. This activity includes the sub-activities listed below:

Sub-Activity: Web Modernization Enterprise Tool to perform 508 compliance across the Agency (\$500,000)

To ensure the agency is compliant with the 21st Century IDEA Act and the Web Modernization guidelines, this tool will be run against the 20 domains and numerous sub-domains across the agency. The tool and expertise are needed to support compliance.

Sub-Activity: Digitization of Paper-based Forms (\$1,220,000)

Funding supports managed cloud infrastructure as well as provides the professional services to document and automate workflows and approvals in order to continue support of paper-based forms to digital.

Sub-Activity: Electronic Signature (\$300,000)

In support of M-19-17 and M-00-15, this funding will support the infrastructure needed to provide electronic signatures to the public domain. This will include the information technology service management platform licenses and staff that will provide helpdesk support, maintenance, and operations support of the platform.

Activity: Data Center Optimization Initiative (DCOI) Program (\$1,900,000)

This initiative is aligned with the federal Data Center Optimization Initiative (DCOI) and will assist in driving the Department towards compliance while driving down Total Cost of Ownership (TCO) by leveraging cloud native solutions to automate workflow. Continued funding supports:

- Migration of on-premises data center workloads to the DOE enterprise cloud Infrastructure as a Service (IaaS), Software as a Service (SaaS), Platform as a Service (PaaS) environments in Amazon AWS and Microsoft Azure.
- Optimization of poly-cloud operations and applications within the cloud environments to include deployment of additional PaaS and SaaS solutions within the AWS and Azure environments.
- Automated reporting and development work of the Enterprise Data Analytics Repository System (eDARS).

Budget Line: End User - EITS (\$4,184,000 – Request; \$42,482,000 – WCF; \$94,683,445 Customer) (TOTAL = \$141,349,445)

Activity: EITS Payment (\$3,996,000)

Funds desktop services for the EITS business line.

Activity: Customer Advocacy Support (\$188,000)

To provide a dedicated forum to understand our customers lines of business. The formal standup of Customer Advocacy is pivotal and central to an effective Information Technology Service Management (ITSM) strategy. Funding is for personnel to perform customer engagement in support of ITSM. Planned accomplishments for FY24 include full alignment of customer engagement program with information technology infrastructure library (ITIL) principles and guidelines. Accomplishments also include regularly scheduled hybrid forum with designated organization representatives.

Summary of Funding from Working Capital Fund – Telecommunications business line (\$42,482,000)*

Provides connectivity for DOE Headquarters and field operations through Local and Wide Area Networks and telecommunications (telephone) services. LAN connections provide access to the EITS application host systems and cybersecurity for the internet, e-mail, and other applications. Provides for the annual network technology refresh as part of lifecycle management, which is necessary to address current risks in the areas of security and availability in the core and distribution layers of existing DOE network infrastructure. By investing in a more modern network infrastructure, the Department will enhance network cybersecurity controls and will further support the collaboration capabilities being requested within the Department.

Summary of Funding from Customers – Shared Services direct billing (\$94,683,445)*

Provides for End User Services, including asset management, help desk and deskside support, and information technology service management platform application support.

**WCF and customer fund dollars include OCIO contributions*

Corporate IT Program Support

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Corporate IT Program Support \$31,235,000	\$32,435,000	+\$1,200,000
IT Portfolio Summary \$22,881,000	\$24,081,000	+\$1,200,000
Funding will support the following activities: IT Investments for Mission Delivery and Management Support; Program Management Oversight; Proof of Concepts; IT Investments for Governance, Federal Information Technology Acquisition Reform Act (FITARA), TBM Implementation, Paperwork Reduction Act (PRA), FITARA, Section 508, IPv6, Digital Transformation and OCIO Functions; Policy and Performance Management; Enterprise Project Management Office(ePMO) Tools; Folio/ Electronic Capital Planning and Investment Control (CPIC) Tools and FedRAMP.	Continue FY 2023 program activities in FY 2024. Funding will support a new activity: Technology Transformation Services for (+\$1,200,000).	Increases: Technology Transformation Services (+\$1,200,000).

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
IT Infrastructure \$4,170,000	\$4,170,000	+\$0
Funding will support MEGABYTE Act Tool; Data Center Optimization Initiative; and 21 st Century IDEA Act.	Continuation of FY 2023 activities.	No Change
End User - EITS \$4,184,000	\$4,184,000	+\$0
This is funding for the EITS services that EITS itself consumes – it is a customer of its own services.	Continuation of FY 2023 activities.	No Change

Program Direction

Overview

OCIO is requesting \$54,631,569 for Program Direction to provide funding for 143 FTEs and associated costs for the overall management OCIO corporate program management and operations, acquisitions/contract administration, human capital management and budget support, as well as Working Capital Fund requirements.

Highlights of the FY 2024 Budget Request

The Office of the Chief Information Officer (OCIO) is responsible for managing and executing critical cybersecurity defense, data protection, and policy and program oversight. Additionally, in FY 2021 the release of EO 14028, *Improve the Nation's Cybersecurity*, levies requirements for moving to a Zero Trust Architecture, enhancing Cloud Security, and improved incident response to accomplish program management, governance, and execution of required tasks. Specific projects are focused on secure cloud implementations, data encryption, supply chain risk management, and zero-trust architecture. Identification and security of critical information, to include records and privacy data are critical elements of the Department's strategy to improve the cybersecurity posture of the Department.

Program Direction Funding (\$K)

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Headquarters					
Salaries and Benefits	25,663	30,963	32,439	+1,476	+5%
Travel	330	336	400	+64	+19%
Support Services	3,325	3,325	3,575	+250	+8%
Other Related Expenses	14,383	16,505	18,217	+1,712	+10%
Total, Program Direction	43,701	51,129	54,631	+3,502	+7%
Federal FTEs- Program Direction Funded	124	143	143	-	0%
Federal FTEs- WCF Funded	3	3	3	-	0%
Support Services					
Technical Support Services	1,515	1,515	1,765	+250	+17%
Business, Finance, and Procurement	1,810	1,810	1,810	-	0%
Total, Support Services	3,325	3,325	3,575	+250	+8%
Other Related Expenses					
Training	160	160	185	+25	+16%
Working Capital Fund (WCF)	11,228	13,162	13,500	+338	+3%
Desktop Services	2,483	2,671	3,932	+1,261	+47%
Security Investigations	512	512	600	+88	+17%
Total, Other Related Expenses	14,383	16,505	18,217	+1,712	10%

Program Direction

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
\$51,129,188	\$54,631,569	+\$3,502,381
\$30,963,000	\$32,439,520	+\$1,476,520
Funding supports federal staff salaries and related benefits for 143 FTEs.	Funding supports federal staff salaries and related benefits for 143 FTEs.	This increase provides for a 5.2% pay raise and FERS increase for 143 FTEs.
\$336,000	\$400,000	+\$64,000
Funding supports mission-critical travel for federal staff.	Funding supports mission-critical travel for federal staff.	Increase outreach activities to collaborate with field sites on technology enhancements and OCIO priorities.
Support Services \$3,325,000	\$3,575,000	+\$250,000
(\$1,515,000) Funding sustains operations within the front office of the CIO. Funds support contractor activities and memberships/subscription services for the CIO and senior staff.	(\$1,765,000) Continuation of activities with an increase for IT professional support services.	Increase for IT Management support services/consulting for management.
(\$1,810,000) Funding used to maintain contractor activities in the areas of Financial Management, Budget and Internal Controls; Acquisitions; and Human Capital. These activities are critical to programmatic operations and accomplishment of program goals.	(\$1,810,000) Continuation of activities.	No change from FY 2023 Request.
Other Related Expenses \$16,505,188	\$18,217,049	+\$1,711,861
(\$160,000) Training costs to ensure all FTEs are appropriately trained to perform their duties, and development opportunities are available to CIO's federal staff.	(\$185,000) Continuation of activities increase associated with additional requirements for staff.	+\$25,000 to cover anticipated Training costs.
(\$13,162,188) WCF funding level accounts for estimated OCIO overhead expenses.	(\$13,500,000) Continuation of activities consistent with estimates from the Working Capital Fund Board.	+\$337,812 to cover anticipated WCF costs.
(\$2,671,000) Desktop Services funds are used to provide IT services and hardware to employees.	(\$3,932,049) Continuation of activities consistent with estimates from EITS Program.	+\$1,261,049 to cover anticipated increase in EITS Shared Service costs.
(\$512,000) Security Investigations	(\$600,000) Continuation of activities.	+\$88,000 to cover anticipated Security Investigations costs

Office of Management Program Direction

Overview

The Office of Management (MA) provides Department-wide leadership for a variety of corporate management functions including Acquisition, Real Property, Sustainability, Aviation, Departmental Directives, and several administrative functions. These services are critical in supporting the mission of the Department and its program offices, as well as keeping the Headquarters (HQ) operational. MA's activities include policy development and oversight, delivery of procurement services to DOE HQ organizations, Conference Management, and the management of HQ facilities. MA also fulfills the statutory and Executive Order responsibilities of the Senior Real Property Officer, Senior Procurement Executive, Chief Sustainability Officer, and the Department's Advisory Committee Management Officer.

In FY 2024, MA will accomplish its mission through its program office components and associated Departmental budget lines:

- Acquisition Management – Provide corporate oversight, leadership, and develop and assist in the implementation of DOE-wide policies, procedures, programs, and management systems pertaining to procurement and financial assistance, contract management, professional development, and related activities to provide procurement services to Headquarters elements. The Director, Office of Acquisition Management serves as the Senior Procurement Executive.
- Sustainability - Manage and implement DOE's Strategic Sustainability Performance Plan, DOE's Climate Adaptation and Resilience Plan, and provide oversight of energy, water, sustainable buildings, and resource assessments at DOE sites and National Laboratories. Manage electric vehicle activities to further the President's goal of electrifying the Federal motor vehicle fleet. The Director of the Office of Management serves as the Chief Sustainability Officer.
- Administration – Manage HQ facilities and support services, including operations management, leased and office space management, supply management, travel (domestic and international), transportation/courier services, concession services (through the General Services Administration), exchange visitor program, mail/printing/graphics services, and the Department's Freedom of Information Act program.
- Asset Management – Develop and maintain DOE policies, regulations, standards, and procedures while tracking performance pertaining to real estate, facilities and infrastructure management, and personal property to include motor vehicle fleet management. Assist senior leadership with planning and execution decisions related to the acquisition, utilization, condition, maintenance, and disposition as they relate to real and personal property. Manage DOE's real property database and excess screening process. Manage the professional development, training, and certification of personal property and realty specialists. Ensure implementation of statutory and executive requirements across the Department. Coordinate data collection, reporting, and analysis of DOE's sustainability data, including energy, water, petroleum, and resource use. Additionally, the Director of Asset Management serves as the Senior Real Property Officer, and the Head of the Contracting Activity for Real Estate.
- Aviation Management – Provide oversight for all DOE-owned aircraft, manned and unmanned, and contract aviation services world-wide by developing and implementing policies and procedures; provide technical and management assistance to program leaders and field elements with aviation responsibilities; and conduct oversight over all DOE elements that own or use aviation as a part of their mission.
- Directives Program – Manage the Department's Directive System, the primary system for establishing, promulgating, and maintaining long-term, crosscutting, departmental policies and procedures, thus, facilitate the achievement of DOE's strategic and operational goals, while ensuring safe, secure, efficient, cost-effective operations and compliance with applicable legal requirements. Support the Department's Secretarial Delegations of Authority system.
- Executive Secretariat – Facilitate quality document management of executive correspondence, departmental actions and decisions; ensure timely delivery of Congressional reporting requirements, executive commitments and information; serve as the Department's Advisory Committee Management Officer and manage the Department's Advisory Committee Management Program.

**Departmental Administration/
Management/Program Direction**

FY 2024 Congressional Justification

- Ombudsman – Provide independent, confidential, and informal option for all DOE federal employees to address any workplace issues and help the Department’s senior leaders, managers, and supervisors minimize unwarranted distractions; increase employee engagement; and expeditiously address individual and organization matters.
- Secretary of Energy Advisory Board (SEAB) – Administer and coordinate the activities of the Board and its subcommittees for the Secretary to obtain timely, balanced, and independent external advice on issues of national importance related to the missions of the Department.
- Scheduling and Advance – Manage scheduling, logistical, and advance preparations for the Office of the Secretary.

Highlights of the FY 2024 Budget Request

The FY 2024 Budget Request of \$103,245,000 is a \$37,245,000 increase above the FY 2023 Enacted Budget and supports up to 208 full time equivalent employees. The additional funding provides essential support for MA's mission success. Highlights of specific activities, services, and initiatives are as follows:

- \$45,088,000 (+\$10,237,000) for payroll costs in support of up to 208 FTEs for the execution of MA's mission. Additional funding supports a pay raise adjustment, two positions for the Office of the Ombudsman, and critical mission focused acquisitions/procurement positions.
- \$26,200,000 (+\$24,200,000) for purchase of Zero Emission Vehicles (ZEVs) within agency-owned vehicles fleets or as part of a transition from GSA-leased gas-powered vehicles to GSA-leased ZEVs. This funding also includes related charging infrastructure and program management costs associated with executing this funding to further the President's goal of electrifying the Federal motor vehicle fleet. The funding is estimated to support 438 ZEVs purchases/leases, and 649 charging stations. \$13,125,000 for Working Capital Fund (WCF) estimated expenses that support program operations, staff operations, staff benefits, and provide agency mission support.
- \$4,670,000 (+\$212,000) for Energy Information Technology Services (EITS) expenses to cover day-to-day operational requirements for laptops, software, support services, and other essential IT equipment/services. It also provides funding to cover equipment in support of the increased telework due to the increased hybrid work environment.
- \$4,826,000 (+\$741,000) for mission-focused contractual support services used for systems, services, staff, activities, and initiatives. The increase covers contractual support services for Records Management adherence to policies, eDocs module for the Office of Scheduling and Advance for increased efficiency, and escalation costs for contracts which support the Department's Directives Program System, MA's Cybersecurity initiative, Conference Management policy compliance, and travel policy support, as well as other MA activities, systems, initiatives, and services.
- \$2,851,000 (+\$83,000) for the Freedom of Information Act (FOIA) contractual support services in support of day-to-day operational support of processing costs for inquiries. Additional funding supports anticipated escalation costs.
- \$2,207,000 (+\$1,011,000) for the Strategic Integrated Procurement Enterprise System (STRIPES) Development, Modernization, and Enhancements (DME) Plan to increase efficiencies using Robotic Process Automation (RPA) and Artificial Intelligence (AI) for the DOE Acquisition and Financial Community.
- \$2,270,000 (+\$1,379,000) for Sustainability and Asset Management in support of the Sustainability Performance Dashboard to achieve and maintain sustainability goals in accordance with statutory and executive order requirements through data collection, analysis, reporting, and outreach. This funding also helps improve the capabilities and functions of the Dashboard, which will continue to reduce the reporting burden, enhance data quality, and allow programs to leverage the information for strategic operational decisions.

**Office of Management
Funding (\$K)**

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs. FY 2023 Enacted (\$)	FY 2024 Request vs. FY 2023 Enacted (%)
Salaries and Benefits	34,126	34,851	45,088	+10,237	+29%
Travel	567	867	867	0	0%
Support Services	7,441	8,211	11,379	+3,168	+39%
Other Related Expenses	17,267	20,071	19,711	-360	-2%
Electric Vehicles	2,000	2,000	26,200	+24,200	+1210%
Total, Program Direction	61,400	66,000	103,245	+37,245	+56%
Federal FTEs—MA	206	206	208	+2	+1%
Federal FTEs—WCF	38	38	38	0	0%
Federal FTEs—BIL/IIJA	12	12	12	12	0%
Support Services					
Management Support	4,909	5,655	8,128	+2,473	44%
Other Support Services	2,532	2,556	3,251	+695	27%
Total, Support Services	7,441	8,211	11,379	+3,168	39%
Other Related Expenses					
Training	151	151	151	0	0%
Energy IT Services (EITS)	4,188	4,458	4,670	+212	5%
Working Capital Fund (WCF)	11,224	13,743	13,125	-618	-4%
Other Services	1,7044	1,719	1,765	+46	3%
Total, Other Related Expenses	17,267	20,071	19,711	-360	-2%

**Explanation of Changes Table
Office of Management - Funding (\$K)**

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Program Direction \$66,000	\$103,245	+\$37,245
Salaries and Benefits \$34,851	\$45,088	+\$10,237
Funding in support of up to 206 FTEs. Funding provides for salaries/benefits, overtime, lump sum leave, awards allocations, and performance awards.	Continued funding supports salaries/benefits, overtime, lump sum leave, awards allocations, and performance awards for up to 208 FTEs. Additional funding to cover a pay raise adjustment, two FTEs for the Office of the Ombudsman, and -additional funding to hire for critical positions up to the approved FTE level.	+\$10,237 for pay raise adjustment/cost of living adjustment, two positions for the Office of the Ombudsman to increase support to the DOE workforce and create a pipeline for future growth and succession planning, and additional funding to support mission critical positions in the areas of acquisition/procurement and sustainability.
Travel \$867	\$867	\$0
Funding in support of MA/SEAB staff travel; all travel associated with scheduling and logistics for Secretarial trips, travel associated with program oversight and evaluation, and procurement management activities. Includes the rental of vehicles from the General Services Administration motor pool and the DOE fleet.	Funding in support of MA/SEAB staff travel; all travel associated with scheduling and logistics for Secretarial trips, travel associated with program oversight and evaluation, and procurement management activities. Includes the rental of vehicles from the General Services Administration motor pool and the DOE fleet.	No change
Support Services \$8,211	\$11,379	+\$3,168
Funding supports MA activities including Acquisition Career Management Program (ACMP) Cross Agency Priority Goals/Council Payment, Sustainability Performance Division (SPD) contractual requirements, FOIA processing costs, Directives Program Support, and other contractual requirements.	Funding supports continuation of MA activities including ACMP, Cross Agency Priority Goals/Council Payment, SPD contractual requirements, FOIA processing costs, Directives Program System, and other contractual requirements. Additional funding supports FOIA escalation costs, Sustainability Performance Dashboard support services, STRIPES DME initiatives, Records Management support, eDocs module for Scheduling and Advance and other contractual support services cost escalations.	+\$83 for FOIA cases processing costs. +\$1,379 for the Sustainability Performance Dashboard maintenance. +\$1,011 for STRIPES DME to increase efficiencies. +\$618 for Records Management and Scheduling and Advance module. +\$77 for contractual support services cost escalations.
Other Related Expenses \$20,071	\$19,711	-\$360

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Other related expenses funding to cover EITS, WCF, training and other services necessary for organizational mission support.	Other related expenses funding supports continuation of EITS, WCF, training and other services necessary for organizational mission support. Additional funding covers operational EITS expenses and escalation costs for contractual services.	+\$212 for EITS costs to cover laptops, software, support services, and other essential equipment/services. -\$618 for WCF estimated costs decrease. +\$46 for contractual support services cost escalations.
Electric Vehicles \$2,000	\$26,200	+\$24,200
Funding for electric vehicles purchases and leases to further the President’s goal of electrifying the Federal motor vehicle fleet.	Funding for electric vehicles purchases and leases to further the President’s goal of electrifying the Federal motor vehicle fleet.	+\$24,200 for electric vehicles purchases, leases, and charging equipment.

Office of Project Management Program Direction

Overview

The Office of Project Management (PM) provides the Department of Energy (DOE) leadership and assistance in developing and implementing DOE-wide policies, procedures, programs, and management systems pertaining to project management. The Director, Office of Project Management (PM-1) serves as the Deputy Secretary's senior advisor for project management. PM-1 is directly accountable to and supports the Deputy Secretary as the Executive Secretariat of the Department's Energy Systems Acquisition Advisory Board (ESAAB) and the Project Management Risk Committee (PMRC). The Deputy Secretary chairs the ESAAB. PM conducts statutorily required independent cost estimates and conducts external independent reviews to validate performance baselines as required by DOE Order 413.3B for capital asset projects with a Total Project Cost (TPC) of \$100,000,000 or greater. PM manages the Department's Project Management Career Development Program (PMCDP) for DOE's Federal Project Directors.

In FY 2024, PM will accomplish its mission through its program office functions:

- **Energy Systems Acquisition Advisory Board (ESAAB).** The PM Director serves as Executive Secretariat (and member) of the ESAAB and the PMRC for the Deputy Secretary. The Board reviews all capital asset projects with a Total Project Cost (TPC) of \$100,000,000 or greater. The Board focuses on projects at risk of not meeting their performance baselines and on making critical decisions for capital asset projects with a TPC of \$750,000,000 or greater. The ESAAB is a standing board that meets at least once quarterly and is supported by the PMRC, which meets at least monthly. Additional ESAAB and PMRC meetings are scheduled as necessary to support departmental objectives and Program Office and project team schedules.
- **Project Management Policy and Systems (PMPS).** PM provides DOE-wide policy, guidance, and oversight for project management. PM provides senior leaders with monthly project status reports with independent assessments of all capital asset projects with a TPC greater than \$50,000,000 with a goal of driving improvements in project management and project delivery outcomes. PM maintains the Project Assessment and Reporting System (PARS), the Department's independent central repository for project performance data, project management metrics, and key project documentation. Additionally, PARS provides data analytic tools for project performance assessments and performance forecasting to support and inform project team and Program Office decision-making across the department.
- **Independent Cost Reviews/Estimates.** PM conducts independent cost reviews (ICRs) or prepares statutorily required independent cost estimates (ICEs) at critical decisions including re-baselining, as required by DOE Order 413.3B for capital asset projects with a TPC of \$100,000,000 or greater. All costs associated with the conduct of ICRs/ICEs, to include PM federal staff travel, is funded by the appropriate Program Office/Project.
- **Project Oversight.** PM conducts external independent reviews (EIRs) to validate the project performance baselines (scope, cost, and schedule) of all capital asset projects with a TPC of \$100,000,000 or greater. Additionally, PM ensures projects are ready to be brought forward to the appropriate Project Management Executive (PME) for authorization to proceed prior to each critical decision.
- **Project Assessments.** PM conducts annual independent project peer reviews (PPRs) of all active energy programs capital asset projects with a TPC of \$100,000,000 or greater under the purview of the Office of the Under Secretary of Science and Innovation, the Office of Petroleum Reserves, under the purview of the Under Secretary for Infrastructure, and all Office of Environmental Management projects with a TPC of \$400,000,000 or greater and those projects that have experienced post CD-3 challenges. All costs associated with conducting PPRs, to include PM federal staff travel, is funded by the appropriate Program Office.
- **Earned Value Management System (EVMS) Certification.** PM conducts initial certification and periodic surveillance reviews to ensure contractors' EVMS, for capital asset projects, comply with industry standards. All costs associated with the conduct of Reviews for Cause (RFC) and recertification of a

contractor's system that had its certification withdrawn, to include PM federal staff travel, are funded by the Program Office/Project requiring the RFC or recertification reviews.

- **Project Management Support Office.** PM serves as the Project Management Support Office (PMSO) for all energy programs under the purview of the Office of the Under Secretary of Science and Innovation and the Office of Petroleum Reserves, under the purview of the Under Secretary for Infrastructure. In collaboration with the Program Offices, PM performs all PMSO functions in accordance with DOE Order 413.3B, as appropriate.
- **Professional Development.** PM manages the Department's Project Management Career Development Program (PMCDP) to include the professional development, training, and certification of Federal Project Directors (FPDs). The PM Director serves as co-chair and Executive Secretariat for the FPD Certification Review Board (CRB).

Highlights of the FY 2024 Budget Request

In FY 2024, the Department requests \$14,953,000. The Director, Office of Project Management (PM-1) is the Deputy Secretary's senior advisor for project management. The Office of Project Management (PM) is accountable to and serves the Deputy Secretary as the Executive Secretariat for the Department's Energy Systems Acquisition Advisory Board (ESAAB) and the Project Management Risk Committee (PMRC). PM executes critical Department-wide functions to include preparing statutorily required independent cost estimates; performing external independent reviews to validate performance baselines; conducting earned value management system certification and surveillance reviews; providing project management policy, guidance, and oversight of all capital asset projects; and manages the Project Management Career Development Program (PMCDP).

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

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted	FY 2024 Request vs. FY 2023 Enacted (%)
Program Direction					
Salaries and Benefits	6,044	6,554	6,895	+341	5.2%
Travel	274	274	325	+51	19%
Support Services	5,466	5,087	6,098	+1,011	20%
Other Related Expenses	1,541	1,635	1,635	0	0%
Total, Program Direction	13,325	13,550	14,953	+1,403	10.4%
Federal FTEs	31	31	31	0	0%
Support Services					
External Independent Reviews (EIRs)	2,062	1,683	1,798	+115	7%
Project Peer Reviews (PPRs)			896	+896	100%
Earned Value Management System (EVMS) Certification	1,247	1,247	1,247	0	0%
Project Assessment and Reporting System (PARS)	2,000	2,000	2,000	0	0%
Other Support Services	157	157	157	0	0%
Total, Support Services	5,466	5,087	6,098	+1,011	20%
Other Related Expenses					
Training	20	20	20	0	0%
Energy IT Services	480	533	533	0	0%
Working Capital Fund (WCF)	1,041	1,082	1,082	0	0%
Total, Other Related Expenses	1,541	1,635	1,635	0	0%

Program Direction

Activities and Explanation of Changes		
FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Program Direction \$13,550,000	\$14,953,000	+\$1,403,000
Salaries and Benefits \$6,554,000	\$6,895,000	+\$341,000
Funding in support of 30 FTEs.	Continuation of FY2023 activities.	The increase assumes 5.2% pay increase in civilian salaries, FERS increase, and supplemental funds for performance award pool increase in FY 2024.
Travel \$274,000	\$325,000	\$51
Funding in support of PM staff travel. Travel is necessary to support review activities (excluding Baseline Change Proposals (BCPs), Reviews for Cause (RFC), and Earned Value Management System (EVMS) recertification reviews) of program/project activities in the field.	Continuation of FY2023 activities.	Increase in PPRs scheduled
Support Services \$5,087,000	\$6,098,000	\$1,011,000
Funding in support of contractual requirements, including External Independent Reviews (EIRs), Project Peer Reviews (PPRs), Earned Value Management System (EVMS) certification and surveillance reviews, Project Assessment and Reporting System (PARS).	Funding supports the continuation of FY2023 activities and establishment of PM-3 for PPRs target.	Increase in EIRs and PPRs scheduled resulting from new Secretary directed mission for PM to serve as Project Management Support Office (PMSO). (Previously funded with Energy Programs' program funds.)
Other Related Expenses \$1,635,000	\$1,635,000	+\$0
Other related expenses to cover Energy IT Services (EITS), Working Capital Fund (WCF) and other services.	Continuation of FY2023 activities.	No Change.

**Chief Human Capital Officer
Program Direction**

Overview

The Office of the Chief Human Capital Officer (HC) supports the Department of Energy's (DOE) mission through workforce services and solutions. In support of the Department, HC strives to provide the most efficient and effective human resources (HR) services and human capital programs and meet its fundamental deliverable to customers—enhancing the Department's ability to fill vacant positions in a timely manner with quality hires. This is accomplished through collaborative and responsive partnerships, proactive problem identification and resolution, and innovative and sound human capital management services. HC advises and assists the Secretary and Deputy Secretary of Energy (and other agency officials) in recruiting, staffing, developing, training, and managing a highly skilled, productive, and diverse workforce, in accordance with merit system principles and all applicable statutory requirements.

Highlights of the FY 2024 Budget Request

The Department requests \$40,144,000 in FY 2024 for HC to support current operational levels and increase federal personnel to continue closing the gap between enacted and current departmental staffing levels. This increase is also needed to support the increases in DOE's workforce population over the employee lifecycle, and to maintain our vital customer service mission. This request will provide sufficient resources to support ongoing initiatives related to developing more agile, cost-effective operations and a long-term vision for modernizing hiring practices and improving the ability of the DOE workforce to deliver mission outcomes. This includes rebuilding capacity across DOE and reducing time-to-hire. Additionally, it will enable HC to enhance its operational capacity to carry out personnel actions and conduct strategic workforce planning and development of effective talent management strategies related to proposed Departmental programmatic changes in the FY 2024 budget. HC is strategically positioned to provide oversight of human capital matters that pertain to DOE programmatic priorities and guide the Department's strategy to obtain, develop, and engage our workforce of the future while simultaneously increasing targeted outreach to underserved communities. This level will allow DOE to surge hiring to close existing gaps as well as those needs created by the *Infrastructure Investment and Jobs Act* and the *Inflation Reduction Act*.

HC Shared Service Center (\$27,892,000)

The HC Shared Service Center (HCSSC) continues to support the unique missions and Federal employees (executive and non-executive) of HC's 32 HQ customers and their associated field offices through an all-inclusive shared service approach on the full range of HC services and functions. This Budget Request provides for 138 FTEs to support core HC mission functions and to continue closing the gap between enacted and current departmental staffing levels, strengthening the Department's Intern Hiring program, and supporting the increased departmental population over the employee lifecycle.

The FY 2024 Request does not include \$18,000,000 for 90 FTEs directed by HC for human capital work, which are funded by other DOE Programs via Memorandum of Agreements (MOAs): Environmental Management (30 FTEs), Energy Efficiency and Renewable Energy (12 FTEs), Energy Information Administration (2 FTEs), Fossil Energy and Carbon Management (15 FTEs), Nuclear Energy (5 FTEs) and Science (26 FTEs).

The FY 2024 Request does not include \$18,000,000 for 90 FTEs directed by HC for human capital work, which are funded by other DOE Programs via Memorandum of Agreements (MOAs): Environmental Management (30 FTEs), Energy Efficiency and Renewable Energy (12 FTEs), Energy Information Administration (2 FTEs), Fossil Energy and Carbon Management (15 FTEs), Nuclear Energy (5 FTEs) and Science (26 FTEs).

Talent Teams and Assessments (\$1,443,000)

In compliance with Executive Order 13932 Modernizing and Reforming the Assessment of Federal Job Candidates, HC has begun implementing new DOE Talent Teams in FY 2023. These teams will continue to work with subject matter experts from our serviced organizations to develop and/or implement new assessment tools for technical competencies as well as automated solutions to analyze and streamline the hiring process while more effectively assessing job applicants based on

demonstrated job-related competencies. Additionally, these teams will continue to work with our Office of Recruitment and Advisory services to increase our targeted outreach to underserved communities. This Budget Request provides \$1,213,000 to support 6 FTEs to staff these teams.

In early FY 2023, HC implemented USA Hire, OPM's innovative and interactive assessment tool that integrates with DOE's hiring management system USA Staffing built by Industrial and Organization Psychologists and uses assessment methods that are better predictors of job performance than assessments that allow applicants to self-report on their level of expertise. Additionally in FY 2023, HC implemented a pilot program for OPM's Federal Supervisor Assessment (FSA), a powerful online tool for selecting the best applicants for supervisor positions. This Budget Request provides \$230,000 for the development or procurement of assessment and outreach tools to include the continued use of USA Hire as well as the implementation of FSA across a wider group of DOE customers.

HR Information Technology Enhancements (\$2,345,000)

The Department requests continued funding for the following IT enhancements. These investments will enable the Department to leverage data as a strategic asset for workforce management. HC will continue to explore DOE integrated IT solutions that reduce labor intensive data integration from multiple systems, improve data analytics, and automate recurring Human Capital processes.

HR Information Technology Platform (\$1,845,000)

This request includes \$1,356,000 to support the first phase/implementation of needed HRIT integrated corporate systems to upgrade the Learning Management System, Performance Management, HR Action Tracking & Reporting and Payroll systems. These systems are cumbersome and expensive to upgrade due to the degree of customization required and the lack of incremental upgrades over the years and/or the lack of continued industry support for the underlying architecture. All these efforts will enable HC to produce quantitative and qualitative analyses that help drive human capital business decisions and reduce labor intensive, ineffective, and costly methods for triangulating workforce information.

The remaining funds will be used towards the completion of the Corporate Human Resources Information System (CHRIS) migration to the upgraded PeopleSoft v9.2. This migration will allow the implementation of security patches that are vital in ensuring highly sensitive employee data is protected to the greatest extent. While this is a significant milestone it is only a stopgap solution for the greater overall need to update DOE's antiquated HRIT Framework, with many core systems including CHRIS, having been developed over 25 years ago.

HR Dashboard (\$500,000)

In FY 2023 HC initiated the design and implementation of a Human Capital Management (HCM) dashboard initiative to support integration, enhanced recruit management dashboard capabilities, and real-time data access to assist DOE senior leaders and front-line managers' decision making aligned with a workforce of the 21st century. This request provides \$500,000 for HC to work in conjunction with CFO and OCIO on continued expansion of this initiative, which will provide valuable context for data-driven management decisions. Additionally, HC seeks to expand the use of Dashboards to better collect and analyze Organizational Health data as well as data from the Federal Employee Viewpoint Survey (FEVS) to better understand the changing needs of the DOE workforce and plan strategies to better care for and engage employees.

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

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Washington Headquarters					
Salaries and Benefits	20,079	26,365	29,605	+3,240	+12%
Travel	150	150	150	-	0%
Support Services	709	1,100	1,160	+60	+5%
Other Related Expenses	7,262	7,685	9,229	+1,544	+20%
Total, Program Direction	28,200	35,300	40,144	+4,844	+14%
Federal FTEs*	120	134	144	+10	+7%
WCF Funded	14	14	14	-	0%
HC Shared Service Center (HCSSC) FTEs**	89	90	90	-	0%
IIJA Funded FTEs (18 HC + 3 EHSS)	21	21	21	-	0%
Support Services					
Management Support					
Training and Education	100	100	100	-	0%
Other Support	609	1,000	1,060	+60	+6%
Total, Support Services	709	1,100	1,160	+60	+5%
Other Related Expenses					
Other Services	2,344	2,074	3,430	+1,356	+65%
Energy IT Services	865	973	1,022	+49	+5%
Working Capital Fund	4,053	4,638	4,777	+139	+3%
Total, Other Related Expenses	7,262	7,685	9,229	+1,544	+20%

*HC's FTE level of 144 includes funding for 23 FTEs supporting the HCSSC.

**HCSSC Operations and FTEs are funded separately through Memoranda of Agreements from six programs outside of HC (Energy Efficiency and Renewable Energy, Environmental Management, Energy Information Administration, Fossil Energy and Carbon Management, Nuclear Energy, and Science)

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Program Direction \$35,300,000	\$40,144,000	+\$4,804,000
Salaries and Benefits \$26,365,000	\$29,605,000	+\$3,240,000
<p>Provides for a total of 134 full time equivalents (FTE). Fully supports approved staffing plan, additional FTE to accelerate hiring and outreach efforts and to establish Talent Teams, as well as workers’ compensation payments. FTEs support core HC mission functions of policy development, oversight, and automation; learning and development; HR operations and services (including executive resources, staffing/classification, benefits, and labor management relations); strategic alignment and measurement of human capital management; and internal business management.</p>	<p>Supports increase to 144 FTE level, which supports core HC mission functions by fully funding the approved staffing plan to include Talent Teams, workers’ compensation payments, and additional FTE to support the increased departmental population over the employee lifecycle.</p>	<p>Includes 10 additional FTE, 5.2% increase in civilian salaries, FERS increase, and supplemental funds for performance awards in FY 2024.</p>
Travel \$150,000	\$150,000	\$0
<p>HC staff travel includes program oversight, program evaluation, recruitment, and permanent change of station moves. Primary travel need is associated with OPM-mandated accountability audits critical to maintaining agency-delegated HR authority.</p>	<p>Continuation of required HC staff travel activities and DC HQ visits of remote staff. HC uses WebEx and Teams for internal meetings and partners with other internal organizations and web and video conference as feasible.</p>	
Support Services \$1,100,000	\$1,160,000	+\$60,000
<p>Includes funding for: HC staff training; HC core contractors and services for the HC Shared Service Center (HCSSC); implementation of new contractor support vehicle to perform surge staffing actions and increase hiring capacity to quickly close the Department’s hiring gaps; HC share of DOE Consolidated HR Service Support (retirement calculator, Employee Assistance Program - Worklife); other HC Licenses & subscriptions; and other HR tools (Partnership for Public Service, CHCO Council, survey tool, CyberFeds, Federal Executive Board).</p>	<p>Continuation of HC core contract and consolidated HR service support; HC subscriptions and licenses; and augmentation of support services for HR surge work from contractor support due to variability of staffing within the department (separation, retirements, onboards).</p>	<p>Supports contract escalation increases.</p>

Other Related Expenses \$7,685,000	\$9,229,000	+\$1,544,000
<p>Other Related Expenses (ORE) provides for Working Capital Fund (WCF) and Energy IT Services (EITS). Includes funding for HC-internal office administration needs such as software and hardware, small automation system support, and rent for HR HC Shared Service Center (HCSSC) facility in Oak Ridge. Also includes funds for modernizing HR IT systems/tools, data analytic tools, workforce forecasting models, centralized DOE Corporate Recruitment initiatives, HR IT platform improvements, and customized tools to improve/automate manual HR processes (e.g., licenses for SharePoint, Business Intelligence, Lever, and Dashboard contractor support).</p>	<p>Continuation of WCF and EITS services, as well as HC Headquarters Security Investigations, and HR IT modernization efforts</p>	<p>Increase supports inflationary escalation of WCF and EITS costs as well as increases due to additional 10 FTEs, and the first phase/implementation of needed HR IT integrated corporate systems to upgrade the LMS, Performance Management, HR Action Tracking & Reporting and Payroll systems.</p>

**Office of Small and Disadvantaged Business Utilization
Program Direction**

Overview

The Office of Small and Disadvantaged Business Utilization (OSDBU) was established by the Small Business Act (SBA) of 1953, as amended by Public Law 95-507. The OSDBU is responsible for advocating the use of small businesses, including Small Disadvantaged Businesses (SDB), certified 8(a) businesses, small businesses from Historically Underutilized Business Zones (HUBZone), Service-Disabled Veteran-Owned Small Businesses (SDVOSB), and Women-Owned Small Businesses (WOSB). This involves promoting small business prime and subcontracting opportunities in accordance with Federal laws, regulations, and policies and reporting to Congress on DOE utilization of small businesses.

The goals of the OSDBU are to institutionalize the use of small businesses and to fully integrate them into the U.S. Department of Energy's (DOE) competitive base of contractors and to help the Department meet its statutory goals for small business utilization. To accomplish this goal, the OSDBU established and executes its mission through three strategic objectives: 1) make it easier for small businesses to do business with DOE; 2) maximize small business opportunities by cultivating more productive and collaborative relationships with internal DOE Stakeholders; and 3) maximize small business awards and improving performance in the four SBA socioeconomic categories.

The OSDBU is organizationally structured to accomplish this through four enabling activities:

- 1) Availing the technical advice and expertise of the OSDBU staff and the cadre of Departmental Small Business Program Managers (matrixed to OSDBU) to both DOE programs officials and small businesses;
- 2) Promulgating educational resources such as the DOE Acquisition Forecast, trainings and informational exchanges;
- 3) Adhering to OSDBU compliance requirements such as the 15 U.S. Code § 644(k), also known as the SBA Act, establishing a cadre of Small Business Technical Advisors within the agency to support the implementation of small business procurements, Form-4220 Reporting, Category Management considerations, threshold reviews; and
- 4) Planning and execution of outreach activities such as networking and matchmaking at DOE's Annual Small Business Forum and Expo, and targeted outreach events focused on socioeconomic categories. Administering and providing information and counseling concerning DOE's Mentor-Protégé Program, as well as customer support to small businesses.

The OSDBU serves as a liaison between the small business community and the DOE procurement offices.

**Program Direction
Appropriation Level and Program Level
Funding (\$K)**

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs. FY 2023 Enacted (\$)	FY 2024 Request vs. FY 2023 Enacted (%)
Washington Headquarters					
Salary & Benefits	\$2,554	\$3,100	\$3,215	\$115	4%
Travel	\$80	\$80	\$100	\$20	25%
Support Services	\$378	\$405	\$1,432	\$1027	254%
Other Related Expenses	\$788	\$615	\$725	\$110	18%
Total, Program Direction	\$3,800	\$4,200	\$5,472	\$1,272	30%
Federal FTEs	12	16	17	+1	6%
Other Related Expenses					
EITS	\$188	\$95	\$95	\$0	0%
Working Capital Fund	\$585	\$500	\$600	\$100	20%
Training	\$15	\$20	\$30	\$10	50%
Total, Other Related Expenses	\$788	\$615	\$725	\$110	18%

**Program Direction
Activities and Explanation of Changes**

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs. FY 2023 Enacted
Program Direction 4,200,000	\$5,472,000	\$1,272,000
Salaries and Benefits \$3,100,000	\$3,215,000	\$115,000
Provides funding for 16 FTEs.	Provides full funding for 17 FTEs.	Allows OSDBU to be fully staffed to the Approved Staffing Plan. An additional FTE would allow OSDBU to meet the need to standardize its operational infrastructure through the development of more comprehensive policies, detailed procedures, and surveillance programs to more proactively and effectively execute its SB advocacy and compliance activities to ensure all requisite SB laws and regulations are being adhered to across the complex and within the operations of DOE M&O and major facility contractors.
Travel \$80,000	\$100,000	\$20
Funding for participation in outreach events, training, and counseling, as well as one-on-one meeting with small businesses.	Funding for participation in outreach events, training, and counseling, as well as one-on-one meetings with small businesses.	Increase allows travel for staff to host annual Expo and Regional Expo's for the Director and staff to conduct outreach activities to Small and Disadvantage Businesses.
Support Services \$405,000	\$1,432,000	\$1,027,000
Funding for contractor support for management support services and subscription services.	Funding for contractor support for management support services and data analysis, Supports both Annual and Regional Public Outreach events, Website and dashboard development/improvements, and subscription services.	Increase allows extra contractor support for data analysis. Supports the Regional Public Outreach events, and Website and dashboard development/improvements.
Other Related Expenses \$615,000	\$725,000	\$110,000
Funding for Working Capital Fund, IT services, and staff training and development, and other services.	Funding for Working Capital Fund, IT services, staff training and development, as well as other services.	Increased funding for Working Capital Fund, and training investment for current staff.

General Counsel

Overview

The Office of the General Counsel (GC) is responsible for providing legal services to all Department of Energy offices, and for determining the Department's authoritative position on any question of law with respect to all Department offices and programs, except for those belonging exclusively to the Federal Energy Regulatory Commission. GC's responsibilities include the provision of legal opinions, advice, and services to administrative and program offices, and participation in or management of both administrative and judicial litigation. GC is responsible for the coordination and clearance of proposed legislation affecting energy policy and Department activities. The General Counsel serves as the Department's Regulatory Policy Officer under Executive Order 12866 and is responsible for ensuring consistency and legal sufficiency of the Department's regulations. GC administers and monitors standards of conduct requirements, conducts patent program and intellectual property activities, and coordinates rulemaking actions of the Department with other federal agencies.

As requested by DOE Programs that manage their own National Environmental Policy Act (NEPA) policy and compliance reviews, GC environmental attorneys also provide legal advice and counsel regarding NEPA on an ad hoc basis.

Highlights of the FY 2024 Budget Request

The Office of the General Counsel's Request supports 143 FTEs, an increase of 9 FTEs from FY 2023 Enacted. The FY 2024 Request does not include 61 FTE currently being funded by other DOE Programs via Memorandum of Agreements (MOAs): 1) 28 FTEs funded by NE to manage the Nuclear Waste Fund, administer the Standard Contract, and provide legal services for nuclear waste disposal activities, including interim storage; 2) 16 FTEs funded by EERE to provide legal counsel and review of all EERE rulemakings and guidance documents, statutory interpretation of EERE authorities, and legislative review of all EERE-related legislation; 3) 10 FTEs funded by OCED to lead efforts to deliver clean energy technology demonstration projects at scale in partnership with the private sector; 4) 2 FTEs funded by EM to support complex procurements, defend bid protests, and address environmental law issues, including Resource Conservation and Recovery Act (RCRA) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) clean-up; 5) 1 FTE funded by MESC to support comprehensive legal advice and assistance to MESC programmatic activities pertaining to manufacturing and energy supply chains program 6) 1 FTE funded by FECM to provide legal advice and assistance for programmatic activities related to carbon management programs; 7) 1 FTE funded by GDO to provide legal services and non-legal support pertaining to GDO's portfolio; 8) 1 FTE funded by FEMP to provide legal advice to allow FEMP to guide Federal agencies in meeting the statutory and Executive Branch energy and water goals for the Federal government; 9) 1 FTE funded by LM to provide legal advice and assistance to LM programmatic activities to include fiscal law matters, general administrative and operational matters, government ethics and intellectual property; 10) 1 FTE funded by SCEP to provide legal advice pertaining to SCEP's programmatic activities including but not limited to weatherization assistance, state energy program, community energy program, community engagement and partnerships;

The Office of General Counsel's FY2024 Request will support increased staffing levels to ensure the quality, availability and expertise of legal support required to confidently meet the Administration's new and expanded priorities. Additionally, FY 2024 Request satisfies continuing program mission needs and ongoing overhead costs such as rental space, telecommunications, IT equipment and support, patent application fees, legal material and annual maintenance of the Intellectual Property System (IP) implemented in FY 2021, and annual subscription costs for the Electronic Financial Disclosure System (e-450).

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

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Washington Headquarters					
Salaries and Benefits	26,389	30,315	34,425	+4,110	+14%
Travel and Training	150	100	150	+50	+50%
Support Services	1,751	1,374	1,374	0	0%
Other Related Expenses	9,710	9,436	9,681	+245	+3%
NEPA (Supplemental)		500			
Total, Program Direction	38,000	41,725	45,630	+3,905	+9%
FTEs Paid by GC DA Funds	117	134	143	+9	+7%
FTEs Paid through MOAs	61	61	61	0	0%
FTEs Paid through BIL		5	5	0	0%
Total GC FTE's	178	200	209	+9	+5%
Support Services					
Administrative Support	825	430	430	0	
Technical Support	525	544	544	0	-
Intellectual Property System	150	150	150	0	-
Financial Disclosure System	251	250	250	0	-
Total, Support Services	1,751	1,374	1,374	0	-
Other Related Expenses					
Energy IT Services	1,500	1,325	1,530	+205	+15%
Working Capital Fund	6,801	6,801	6,801	0	0%
Other Services	1,409	1,310	1,350	+40	+3%
Total, Other Related Expenses	9,710	9,436	9,681	+245	+3%

Program Direction

Departmental Administration/General Counsel/
Program Direction

FY 2024 Congressional Justification

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY2024 Guidance Level vs FY 2023 Request
Program Direction \$41,725,000	\$45,630,000	+\$3,905,000
Salaries and Benefits \$30,315,000 Provides funding support for 134 FTE to include salaries, benefits, overtime, etc.	\$34,425,000 Provides funding support for 143 FTE to include salaries, benefits, overtime, etc.	+\$4,110,000 Reflects increase of 9 FTEs; 5.2% federal salaries pay increase; and FERS increase.
Other Related Expenses \$9,436,000	\$9,681,000	\$245,000
Energy IT Services \$1,325,000 Provides GC IT service including workstations and on-site support, FISMA reviews and reporting, etc.	\$1,530,000 Provides GC IT service including workstations and on-site support, FISMA reviews and reporting, etc.	+\$205,000 Anticipated increase due to increase in FTE, higher usage, increase in equipment purchases, etc.
Working Capital Fund \$6,801,000 Provides for rent, telecommunications, I-Manage, supplies, copiers, printing, etc.	\$6,801,000 Provides for rent, telecommunications, I-Manage, supplies, copiers, printing, etc.	\$0 No change in service
Other Services \$1,310,000 Provides for Online Legal subscription, Law Library Materials, US Patent Office charges for DOE patents, E-Gov, office furniture, etc.	\$1,350,000 Provides for Online Legal subscription, Law Library Materials, US Patent Office charges for DOE patents, E-Gove, office furniture, etc.	+\$40,000 Anticipated increase in legal subscription costs due to increased FTE.
Support Services \$1,374,000	\$1,374,000	\$0
Provides for Administrative & Technical support and includes IP & Financial Disclosure Systems	Provides for Administrative & Technical support and includes IP & Financial Disclosure Systems	No change in service
Travel & Training \$100,000	\$150,000	+\$50,000
Provides for travel to attend court proceedings, site visits, conferences, and training	Provides for travel to attend court proceedings, site visits, conferences, and training.	Anticipated increase in training and travel due to increased FTE, required training, and possible travel required with legal cases

Office of Policy Program Direction

Overview

The Office of Policy (OP) serves as the principal advisor to the Secretary, Deputy Secretary, and Undersecretaries on domestic energy policy and related integration of energy systems. Additionally, the Office of Policy provides analysis and input to Congress, the White House, other agencies, and offices throughout DOE on design and implementation of domestic energy policy. Areas of focus for the Office of Policy reflect the most pressing issues of the day: energy prices; American economic competitiveness and the energy supply chain; climate change and clean energy policy; energy jobs; community access to safe, clean, affordable energy; and scientific innovation. The Office of Energy Jobs is part of the Office of Policy. Funding for the Arctic Energy Office (AEO) comes from the Office of Policy.

The Office serves as a focal point for policy coordination within the Department on the analysis, formulation, development, and advancement of Secretarial and Administrative priorities. OP performs analysis, provides programmatic options, and works to design initiatives that support the transition to a secure, prosperous, equitable, and zero-emissions energy economy. OP coordinates policy and strategic cross-cutting functions across DOE elements and shapes strategy and policy consistent with service to the American people and the Secretary's vision for DOE. OP performs analysis necessary to inform DOE's approach to pursue the most efficient, affordable, beneficial, and equitable pathways to achieving national goals, including through cooperation with the Office of Economic Impact and Diversity in integrating equity and justice into strategic analysis. Much of OP's work is connected to expertise or information in the various program offices across the Department, and OP works closely with other offices to harmonize activities, maximize results, and avoid duplication, including holistically informing DOE's program development and prioritization.

OP is staffed by an interdisciplinary team of experts, with the technical and communications skills to formulate policy pathways to achieve the Secretary's strategic vision within the full breadth of DOE's statutory mission. OP carries out strategic studies and policy analysis and maintains and coordinates a supporting set of analytical capabilities. This work spans:

- technology policy, including energy decarbonization pathways and impacts analysis;
- deployment and infrastructure policy, including systems analysis and energy prices;
- state, local, territorial, and tribal policy analysis, including integrated approaches and permitting,
- and energy jobs.

The request would enable OP to enhance its energy policy and analysis work as an essential function to support urgently needed technology, economic, job creation, and energy-related goals. OP will develop a new statistical/analytical capability that will provide trend analyses of key energy indicators that can be used by policymakers across the entire government to inform decisions. The dedicated cadre of FTEs and analysis capabilities funded through this initiative will consult with the Energy Information Administration and with other agencies, such as Environmental Protection Agency (EPA), Department of Transportation (DOT), and Commerce. The initiative will address measurement, trends, and data presentation, to bring further visibility to changing indicators and associated options for impact.

The Office of Energy Jobs is a significant FY 2024 priority, with goals of supporting the creation of good-paying jobs in the energy workforce, while creating pathways for energy transitioning communities. This work includes a focus on workforce development standards to ensure equitable and good job creation that pays family-sustaining wages, while engaging the larger labor community on energy issues through the DOE Labor Working Group. The Office of Energy Jobs provides guidance to program offices and Labs throughout the DOE complex on fair labor practices, including regular workforce-related consultation on the design of DOE programs and on reports. The Office leads DOE-wide coordination on energy jobs and collaborates on interagency and Congressional activities. The Office of Energy Jobs will administer the DOE Jobs Council and Energy Workforce Advisory Board and publish the annual United States Energy and Employment Report, which is a vital and high-visibility source of data for those in the energy sector. The Office of Policy provides significant support to interagency working groups on several topics, including the Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization, as well as job creation analysis and union stakeholder engagement.

The Arctic Energy Office (AEO), supported out of the OP budget, brings together assets from across DOE to work together in collaborative, innovative, and cross-cutting ways to meet the energy, science, and national security needs of the United States and its allies in the Arctic. AEO serves as the front door for DOE in Alaska and the global Arctic. AEO is focused on rapid and trans-regional energy transitions in the context of climate changes – natural, political, and their economic drivers and consequences. To accomplish its mission, AEO collaborates with the Office of the Secretary, relevant DOE program and staff offices, National Laboratories, federal and state agencies, universities, non-profits, the private sector, and local and Indigenous stakeholders. FY 2024 efforts will be aligned with the needs, opportunities and priorities set forth in the National Strategy for the Arctic Region, the DOE Arctic Strategy, and the multi-year/multi-organization Arctic research agenda developed in FY 2022 and refined more recently.

Highlights of the FY 2024 Budget Request

The FY 2024 Budget Request of \$52,037,000 is a \$28,087,000 increase above the FY 2023 Enacted Budget to reflect the growing need for OP to serve its functions and add a new data tracking capability.

Funding will support OP's domestic energy policy research, analysis, design, and implementation that will help the nation meet our ambitious energy manufacturing goals; grow quality energy jobs; and ensure for the American public accessible, affordable, reliable, and increasingly clean energy for electricity, transportation, buildings, and industry. OP is home to **the Office of Energy Jobs**, which publishes the annual US Energy and Employment Report and facilitates the Energy Jobs Council and the Energy Workforce Advisory Board. OP is home to **the Arctic Energy Office**, which provides guidance and support to key energy stakeholders in the arctic region. The budget increase reflects funding for an expanded statistical/analytical capability and associated 10 FTEs that will focus on trend analyses key energy indicators, as well as partnerships to make data available across the federal government.

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

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs FY 2023 Enacted (\$)	FY 2024 Request vs FY 2023 Enacted (%)
Washington Headquarters					
Salaries and Benefits	7,545	8,748	9,326	+578	+7%
Travel	200	250	350	+100	+40%
Support Services	10,078	13,044	40,103	+27,059	+207%
Other Related Expenses	1,631	1,908	2,258	+350	-18%
Total, Program Direction	19,454	23,950	52,037	+28,087	+117%
Federal FTEs	17	43	53	+10	+23%
Support Services					
Other Support Services	10,078	13,044	40,103	+27,059	+207%
Total, Support Services	10,078	13,144	40,103	+27,059	+207%
Other Related Expenses					
Working Capital Fund	1,136	1,358	1,358	0	0%
Training	75	100	300	+200	+200%
Energy IT Services	350	380	500	+120	+32%
Other Expenses	70	70	100	+30	+43%
Total, Other Related Expenses	1,631	1,908	2,258	+350	+18%

**Office of Policy
Activities and Explanation of Changes**

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs FY 2023 Enacted
Program Direction \$23,950,000	\$52,037,000	+\$28,087,000
Salaries and Benefits \$8,748,000	\$9,326,000	+\$578,000
Provides funding for 43 FTEs to include salaries and benefits.	Funding for salaries and benefits for the 53 FTEs to support increased workload, including additional Energy Jobs and energy analysis staff. Includes funds for Arctic Energy Office.	Funding provides for salaries/benefits, overtime, lump sum leave, awards allocations and performance awards. Increase covers 5.2% civilian pay raise; funding for additional salaries and benefits for FTEs.
Travel \$250,000	\$350,000	+\$100,000
Provides funding to support travel by staff, including travel to accompany the Secretary and DOE senior leadership.	Continuation of FY 2023 activities and travel to support Arctic Energy Office in Fairbanks, Alaska and Energy Jobs work across the country.	Funding supports travel by staff, including travel to accompany the Secretary and DOE senior leadership as well as regular long-distance travel for Arctic Energy Office and Office of Energy Jobs.
Support Services \$13,044,000	\$40,103,000	+\$27,059,000
Provides support services needed for FY 2023 technical analysis and administrative requirements including the U.S. Energy Employment Report (USEER).	Expansion of FY 2023 activities. Additionally, supports ability to obtain research tools, annual subscriptions, other contractor support used for analysis activities. Analysis activities include data processing, systems modeling, forecasting, strategic planning, evaluation, and other approaches.	Funding supports research and modeling tools, data subscriptions, expert analysis contractor support, and development of the survey and analysis for the US Energy Employment Report. The increase reflects funding for an expanded statistical/analytical capability and associated dashboard that addresses key energy indicators. Benefits include close to real-time updates on key indicators that can better inform energy policy and investment decisions across the federal government.
Other Related Expenses \$1,908,000	\$2,258,000	+\$350,000
Provides funding to support business costs associated with the Department's Working Capital Fund; IT equipment and support.	Continuation of FY 2023 activities and increased services and equipment related to IT and training tools to support the increase of 10 FTEs.	Additional services to support the increase of 10 FTEs

Public Affairs Program Direction

Overview

The mission of the Office of Public Affairs (PA) is to communicate information about DOE's work in a timely, accurate, and accessible way to the news media and the general public.

PA directly supports the DOE mission by developing and implementing strategies for communicating the Department's mission, policies, initiatives, and information to the news media and the general public. PA is also responsible for managing and coordinating public affairs activities for DOE headquarters, field offices, and laboratories; serving as DOE's primary spokesperson in the news media; responding to requests for information from the public and the news media; arranging interviews with Department officials; providing speechwriting and media support services to the Secretary, Deputy Secretary and Under Secretaries; and preparing written press releases, fact sheets, electronic media and other products that communicate Departmental activities.

Through its Digital Strategy and Communications Office, PA continues to effect cost savings at the Department by consolidating website platforms, reducing duplication, and improving accessibility of information. The Digital Strategy and Communications Office drives the Department's mission online via the Energy.gov website, social networking tools, blog outreach, citizen engagement tools, and other emerging online communication technologies. Digital Strategy and Communications is an innovative and growing part of the mission, as PA seeks to serve the public in more efficient and effective ways online. It is through the Digital Strategy Office that PA is making government more collaborative, interactive, and engaging across the overall Department and directly with the American public.

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

	FY 2022 Enacted	FY 2023 Enacted	FY 2024 Request	FY 2024 Request vs. FY 2023 Enacted (\$)	FY 2024 Request vs. FY 2023 Enacted (%)
Program Directions					
Washington Headquarters					
Salaries and Benefits	3,274	3,488	3,789	+301	+9%
Travel	150	190	190	0	0%
Support Services	1,323	955	694	-261	-27%
Other Related Expenses	1,189	1,303	1,292	-11	-1%
Total, Program Direction	5,936	5,936	5,965	+29	+1%
Federal FTEs	22	22	23	+1	+5%
WCF FTEs	3	3	3	0	0
Other Related Expenses					
Energy IT Services	521	626	657	+31	+5%
Working Capital Fund	668	677	635	-42	-6%
Total, Other Related Expenses	1,189	1,303	1,292	-11	-1%

Program Direction

Activities and Explanation of Changes

FY 2023 Enacted	FY 2024 Request	Explanation of Changes FY 2024 Request vs. FY 2023 Enacted
Program Direction \$5,936,000	\$5,965,000	+\$29,000
Salaries and Benefits \$3,488,000	\$3,789,000	+\$301,000
Provides funding for 22 full time employees (FTEs). This includes DOE's team of media spokespersons, the media team managing digital communications and website efforts, the speechwriting team that supports the Secretary and other senior officials and program offices, and the administrative staff required to support DOE's mission.	Continuation FY 2023 activities and full funding for 23 FTEs.	Increase to fully fund staff of 23 FTEs and includes 5.2% pay raise for Federal employees in January of 2024.
Travel \$190,000	\$190,000	\$0
Travel expenses support the office's ability to provide appropriate staffing to the Secretary and Deputy Secretary; staff travel for video production and presentations at conferences to communicate the DOE mission; enhanced video projects across complex; and other media projects.	Continuation of FY 2023 activities.	No change.
Support Services \$955,000	\$694,000	-\$261,000
Support services include continued contractor support to upgrade and maintain the Department's digital communications and website efforts.	Continuation of FY 2023 activities.	Funding realigned to support various personnel costs.
Other Related Expenses \$1,303,000	\$1,292,000	-\$11,000
Funding of Working Capital Fund and Energy IT services for 22 FTEs.	Funding of Working Capital Fund and Energy IT services for 23 FTEs	Resulting from a decrease in WCF and an increase in EITS bills.