

DEPARTMENT OF ENERGY
Organization by Congressional Control
(Dollars in Thousands)

FY 2022 Enacted (1)	FY 2023 Enacted (1), (2), (3)	FY 2024 President's Budget	FY 2024 President's Budget vs. FY 2023 Enacted	
			\$	%

Discretionary Detail by Organization

Undersecretary for Nuclear Security and National Nuclear Security Administration

	FY 2022 Enacted (1)	FY 2023 Enacted (1), (2), (3)	FY 2024 President's Budget	FY 2024 President's Budget vs. FY 2023 Enacted	%
Federal Salaries and Expenses					
Program Direction - National Nuclear Security Administration	464,000	491,800	538,994	+47,194	+9.6%
Use of Prior Year Balance - Federal Salaries and Expenses	0	-16,800	0	+16,800	+100.0%
Total, Federal Salaries and Expenses	464,000	475,000	538,994	+63,994	+13.5%
Weapons Activities					
B61-12 LEP	771,664	672,019	449,850	-222,169	-33.1%
W88 ALT 370	207,157	162,057	178,823	+16,766	+10.3%
W80-4 LEP	1,080,400	1,122,451	1,009,929	-112,522	-10.0%
W80-4 ALT-SLCM	10,000	20,000	0	-20,000	-100.0%
W87-1 Modification Program	691,031	680,127	1,068,909	+388,782	+57.2%
W93 Program	72,000	240,509	389,656	+149,147	+62.0%
Stockpile Major Modernization	2,832,252	2,897,163	3,097,167	+200,004	+6.9%
Stockpile Sustainment	1,180,483	1,321,139	1,276,578	-44,561	-3.4%
Weapons Dismantlement and Disposition	56,000	56,000	53,718	-2,282	-4.1%
Production Operations	568,941	630,894	710,822	+79,928	+12.7%
Nuclear Enterprise Assurance	0	48,911	66,614	+17,703	+36.2%
Stockpile Management	4,637,676	4,954,107	5,204,899	+250,792	+5.1%
Los Alamos Plutonium Operations	660,419	767,412	833,100	+65,688	+8.6%
21-D-512, Plutonium Pit Production Project, LANL	350,000	588,234	670,000	+81,766	+13.9%
15-D-302, TA-55 Reinvestments Project, Phase 3, LANL	27,000	30,002	30,000	-2	-0.0%
07-D-220-04, Transuranic Liquid Waste Facility, LANL	30,000	24,759	0	-24,759	-100.0%
04-D-125, Chemistry and Metallurgy Research Replacement Project, LANL	138,123	138,123	227,122	+88,999	+64.4%
Los Alamos Plutonium Modernization	1,205,542	1,548,530	1,760,222	+211,692	+13.7%
Savannah River Plutonium Operations	128,000	58,300	62,764	+4,464	+7.7%
21-D-511, Savannah River Plutonium Processing Facility, SRS	475,000	1,200,000	858,235	-341,765	-28.5%
Savannah River Plutonium Modernization	603,000	1,258,300	920,999	-337,301	-26.8%
Enterprise Plutonium Support	107,098	88,993	87,779	-1,214	-1.4%
Plutonium Modernization	1,915,640	2,895,823	2,769,000	-126,823	-4.4%
High Explosives & Energetics	68,785	101,380	93,558	-7,822	-7.7%
23-D-516, Energetic Materials Characterization Facility, LANL	0	19,000	0	-19,000	-100.0%
21-D-510, HE Synthesis, Formulation, and Production, PX	44,500	108,000	0	-108,000	-100.0%
15-D-301, HE Science & Engineering Facility, PX	0	20,000	101,356	+81,356	+406.8%
HE & Energetics	113,285	248,380	194,914	-53,466	-21.5%
Primary Capability Modernization	2,028,925	3,144,203	2,963,914	-180,289	-5.7%
Uranium Modernization	306,086	0	0	0	N/A
Depleted Uranium Modernization	138,216	0	0	0	N/A
Lithium Modernization	43,795	0	0	0	N/A
18-D-690, Lithium Processing Facility, Y-12	167,902	216,886	210,770	-6,116	-2.8%
06-D-141, Uranium Processing Facility, Y-12	600,000	362,000	760,000	+398,000	+109.9%
Secondary Capability Modernization (SCM)	0	536,363	666,914	+130,551	+24.3%
Secondary Capability Modernization	1,255,999	1,115,249	1,637,684	+522,435	+46.8%
Tritium Sustainment and Modernization	349,036	0	0	0	N/A
Domestic Uranium Enrichment	139,981	0	0	0	N/A
Tritium & Domestic Uranium Enrichment	0	506,649	592,992	+86,343	+17.0%
18-D-650, Tritium Finishing Facility, SRS	27,000	73,300	0	-73,300	-100.0%
Tritium and Domestic Uranium Enrichment	516,017	579,949	592,992	+13,043	+2.2%
Non-Nuclear Capability Modernization	144,563	123,084	166,990	+43,906	+35.7%
22-D-513, Power Sources Capability, SNL	13,827	0	37,886	+37,886	N/A
Total, Non-Nuclear Capability Modernization	158,390	123,084	204,876	+81,792	+66.5%
Capability Based Investments	187,566	154,220	156,462	+2,242	+1.5%
Planning for Programmatic Construction (Pre-CD-1)	10,000	0	0	0	N/A
Production Modernization	4,156,897	5,116,705	5,555,928	+439,223	+8.6%
Primary Assessment Technologies	150,000	154,507	160,634	+6,127	+4.0%
Dynamic Materials Properties	130,981	124,366	128,560	+4,194	+3.4%
Advanced Diagnostics	35,989	31,064	35,141	+4,077	+13.1%
Secondary Assessment Technologies	84,000	72,104	74,880	+2,776	+3.8%
Enhanced Capabilities for Subcritical Experiments	215,579	277,225	292,373	+15,148	+5.5%
Hydrodynamic and Subcritical Experiment Execution Support	152,845	142,402	146,163	+3,761	+2.6%
17-D-640, U1a Complex Enhancements Project, NNSS	135,000	53,130	126,570	+73,440	+138.2%
24-D-513 ZEUS Test Bed Facilities Improvement, NNSS	0	0	80,000	+80,000	N/A
Assessment Science	904,394	854,798	1,044,321	+189,523	+22.2%
Archiving and Support	45,760	43,950	44,805	+855	+1.9%
Delivery Environments	39,235	37,674	38,388	+714	+1.9%
Weapons Survivability	59,500	93,303	88,368	-4,935	-5.3%

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Studies and Assessments	0	5,000	79,924	+74,924	+1,498.5%
Aging and Lifetimes	87,260	87,260	59,955	-27,305	-31.3%
Stockpile Responsiveness	50,000	63,742	69,882	+6,140	+9.6%
Advanced Certification and Qualification	60,330	58,104	59,134	+1,030	+1.8%
Engineering and Integrated Assessments	342,085	389,033	440,456	+51,423	+13.2%
Inertial Confinement Fusion	580,000	630,000	601,650	-28,350	-4.5%
Surety Technologies	52,537	0	0	0	N/A
Weapon Technology Development	125,093	0	0	0	N/A
Advanced Manufacturing Development	115,000	0	0	0	N/A
Weapons Technology & Manufacturing Modernization	0	286,165	327,745	+41,580	+14.5%
Weapons Technology and Manufacturing Maturation	292,630	286,165	327,745	+41,580	+14.5%
Advanced Simulation and Computing	747,012	790,000	782,472	-7,528	-1.0%
Advanced Simulation & Computing	747,012	790,000	782,472	-7,528	-1.0%
Stockpile Research, Technology, and Engineering	2,866,121	2,949,996	3,196,644	+246,648	+8.4%
Academic Programs and Community Support	111,912	111,912	152,271	+40,359	+36.1%
Operations of Facilities	1,014,000	1,038,000	1,053,000	+15,000	+1.4%
Safety and Environmental Operations	165,354	162,000	139,114	-22,886	-14.1%
Maintenance and Repair of Facilities	700,000	651,617	718,000	+66,383	+10.2%
Infrastructure and Safety	600,000	561,663	650,012	+88,349	+15.7%
Recapitalization	600,000	561,663	650,012	+88,349	+15.7%
Operating	2,479,354	2,413,280	2,560,126	+146,846	+6.1%
24-D-510 Analytic Gas Laboratory, PX	0	0	35,000	+35,000	N/A
24-D-511 Plutonium Production Building, LANL	0	0	48,500	+48,500	N/A
24-D-512 TA-46 Protective Force Facility, LANL	0	0	48,500	+48,500	N/A
23-D-519, Special Material Facility, Y-12	0	49,500	0	-49,500	-100.0%
23-D-518 Plutonium Modernization Operations & Waste Management Office Bldg, LANL	0	48,500	0	-48,500	-100.0%
23-D-517 Electrical Power Capacity Upgrade, LANL	0	24,000	75,000	+51,000	+212.5%
22-D-514 Digital Infrastructure Capability Expansion, LLNL	8,000	67,300	0	-67,300	-100.0%
Mission Enabling Construction	8,000	189,300	207,000	+17,700	+9.4%
I&O - Construction	8,000	189,300	207,000	+17,700	+9.4%
Infrastructure and Operations	2,487,354	2,602,580	2,767,126	+164,546	+6.3%
STA Operations and Equipment	213,704	214,367	239,008	+24,641	+11.5%
Program Direction - STA - Federal Support	117,060	130,070	118,056	-12,014	-9.2%
Secure Transportation Asset	330,764	344,437	357,064	+12,627	+3.7%
Operations and Maintenance - DNS	821,090	868,172	988,756	+120,584	+13.9%
17-D-710, West End Protected Area Reduction Project, Y-12	23,000	3,928	28,000	+24,072	+612.8%
Construction - Defense Nuclear Security	23,000	3,928	28,000	+24,072	+612.8%
Defense Nuclear Security (DNS)	844,090	872,100	1,016,756	+144,656	+16.6%
Information Technology and Cyber Security	406,530	445,654	578,379	+132,725	+29.8%
Legacy Contractor Pensions and Settlement Payments (WA)	78,656	114,632	65,452	-49,180	-42.9%
Use of Prior Year Balance - Weapons Activities	0	-396,004	-61,572	+334,432	+84.5%
Total, Weapons Activities	15,920,000	17,116,119	18,832,947	+1,716,828	+10.0%
Defense Nuclear Nonproliferation					
Conversion	100,660	153,260	116,675	-36,585	-23.9%
Nuclear Material Removal	42,100	55,000	47,100	-7,900	-14.4%
Material Disposition	200,186	256,025	282,250	+26,225	+10.2%
Material Management and Minimization	342,946	464,285	446,025	-18,260	-3.9%
International Nuclear Security	79,939	87,763	84,707	-3,056	-3.5%
Radiological Security	253,002	260,000	258,033	-1,967	-0.8%
Nuclear Smuggling Detection and Deterrence	198,500	185,000	181,308	-3,692	-2.0%
Global Material Security	531,441	532,763	524,048	-8,715	-1.6%
Nonproliferation & Arms Control	184,795	230,656	212,358	-18,298	-7.9%
Proliferation Detection R&D	269,407	299,283	290,388	-8,895	-3.0%
Nuclear Detonation Detection	294,500	279,205	285,603	+6,398	+2.3%
Nonproliferation Fuels Development	20,000	20,000	0	-20,000	-100.0%
Forensics R&D	45,000	44,414	44,759	+345	+0.8%
Nonproliferation Stewardship Program	100,329	125,000	107,437	-17,563	-14.1%
Defense Nuclear Nonproliferation R&D	729,236	767,902	728,187	-39,715	-5.2%
NNSA Bioassurance Program	0	20,000	25,000	+5,000	+25.0%
18-D-150, Surplus Plutonium Disposition Project, SRS	156,000	71,764	77,211	+5,447	+7.6%
Nonproliferation Construction	156,000	71,764	77,211	+5,447	+7.6%
Emergency Operations	14,597	29,896	19,123	-10,773	-36.0%
Counterterrorism and Counterproliferation	356,185	440,074	474,420	+34,346	+7.8%
Nuclear Counterterrorism & Incident Response	370,782	469,970	493,543	+23,573	+5.0%
Legacy Contractor Pensions and Settlement Payments - DNN	38,800	55,708	22,587	-33,121	-59.5%
Use of Prior Year Balance - Defense Nuclear Nonproliferation	0	-123,048	-20,000	+103,048	+83.7%
Total, Defense Nuclear Nonproliferation	2,354,000	2,490,000	2,508,959	+18,959	+0.8%

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Naval Reactors					
Naval Reactors Development	640,684	746,000	838,340	+92,340	+12.4%
Columbia-Class Reactor Systems Development	55,000	53,900	52,900	-1,000	-1.9%
S8G Prototype Refueling	126,000	20,000	0	-20,000	-100.0%
Naval Reactors Operations and Infrastructure	594,017	668,802	712,036	+43,234	+6.5%
Program Direction - Naval Reactors	55,579	58,525	61,540	+3,015	+5.2%
24-D-530 NRF Medical Science Complex	0	0	36,584	+36,584	N/A
23-D-533 BL Component Test Complex	0	57,420	0	-57,420	-100.0%
22-D-532 Security Upgrades KL	5,100	0	0	0	N/A
22-D-531 KL Chemistry and Radiological Health Building	41,620	0	10,400	+10,400	N/A
21-D-530 KL Steam and Condensate Upgrades	0	0	53,000	+53,000	N/A
14-D-901 Spent Fuel Handling Recapitalization Project, NRF	400,000	476,798	199,300	-277,498	-58.2%
Construction - Naval Reactors	446,720	534,218	299,284	-234,934	-44.0%
Total, Naval Reactors	1,918,000	2,081,445	1,964,100	-117,345	-5.6%
Rescission of Prior Year Balances - NNSA	-288,133	0	0	0	N/A
Total, Undersecretary for Nuclear Security and National Nuclear Security Administration	20,367,867	22,162,564	23,845,000	+1,682,436	+7.6%
Science					
Research - Advanced Scientific Computing Research	906,000	991,000	1,110,973	+119,973	+12.1%
17-SC-20, SC Exascale Computing Project (ECP)	129,000	77,000	14,000	-63,000	-81.8%
24-SC-20, High Performance Data Facility	0	0	1,000	+1,000	N/A
Advanced Scientific Computing Research	1,035,000	1,068,000	1,125,973	+57,973	+5.4%
Research - Basic Energy Sciences	2,003,800	2,240,800	2,432,233	+191,433	+8.5%
24-SC-10, HFIR Pressure Vessel Replacement (PVR), ORNL	0	0	4,000	+4,000	N/A
24-SC-12, Future NSLS-II Experimental Tools - III (NEXT-III)	0	0	2,556	+2,556	N/A
21-SC-10, Cryomodule Repair and Maintenance Facility, SLAC	1,000	10,000	9,000	-1,000	-10.0%
19-SC-14, Second Target Station (STS), ORNL	32,000	32,000	52,000	+20,000	+62.5%
18-SC-10, Advanced Photon Source Upgrade (APS-U), ANL	101,000	9,200	0	-9,200	-100.0%
18-SC-11, Spallation Neutron Source Proton Power Upgrade (PPU), ORNL	17,000	17,000	15,769	-1,231	-7.2%
18-SC-12, Advanced Light Source Upgrade (ALS-U), LBNL	75,100	135,000	57,300	-77,700	-57.6%
18-SC-13, Linac Coherent Light Source-II-High Energy (LCLS-II-HE), SLAC	50,000	90,000	120,000	+30,000	+33.3%
13-SC-10, Linac Coherent Light Source-II (LCLS-II), SLAC	28,100	0	0	0	N/A
Construction - Basic Energy Sciences	304,200	293,200	260,625	-32,575	-11.1%
Basic Energy Sciences	2,308,000	2,534,000	2,692,858	+158,858	+6.3%
Research - Biological & Environmental Research	815,000	908,685	921,700	+13,015	+1.4%
24-SC-31, Microbial Molecular Phenotyping Capability (M2PC), PNNL	0	0	10,000	+10,000	N/A
Biological and Environmental Research - Construction	0	0	10,000	+10,000	N/A
Biological and Environmental Research	815,000	908,685	931,700	+23,015	+2.5%
Research - Fusion Energy Sciences	460,000	510,222	760,496	+250,274	+49.1%
20-SC-61, Matter in Extreme Conditions (MEC) Petawatt Upgrade, SLAC	11,000	11,000	10,000	-1,000	-9.1%
14-SC-60, U.S. Contributions to ITER (U.S. ITER)	242,000	242,000	240,000	-2,000	-0.8%
Construction - Fusion Energy Sciences	253,000	253,000	250,000	-3,000	-1.2%
Fusion Energy Sciences	713,000	763,222	1,010,496	+247,274	+32.4%
Research - High Energy Physics	810,000	868,000	850,334	-17,666	-2.0%
18-SC-42, Proton Improvement Plan II (PIP-II), FNAL	90,000	120,000	125,000	+5,000	+4.2%
11-SC-40, Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment	176,000	176,000	251,000	+75,000	+42.6%
11-SC-41, Muon to Electron Conversion Experiment, FNAL	2,000	2,000	0	-2,000	-100.0%
Construction - High Energy Physics	268,000	298,000	376,000	+78,000	+26.2%
High Energy Physics	1,078,000	1,166,000	1,226,334	+60,334	+5.2%
Operations and Maintenance - Nuclear Physics	708,000	755,196	716,418	-38,778	-5.1%
20-SC-52, Electron Ion Collider, BNL	20,000	50,000	95,000	+45,000	+90.0%
Construction - Nuclear Physics	20,000	50,000	95,000	+45,000	+90.0%
Nuclear Physics	728,000	805,196	811,418	+6,222	+0.8%
Research - Isotope R&D and Production	70,000	85,451	142,651	+57,200	+66.9%
20-SC-51, U.S. Stable Isotope Production and Research Center, ORNL	12,000	24,000	20,900	-3,100	-12.9%
24-SC-92 Clinical Alpha Radionuclide Producer (CARP), BNL	0	0	1,000	+1,000	N/A
24-SC-91 Radioisotope Processing Facility (RPF), ORNL	0	0	8,500	+8,500	N/A
Construction - Isotope R&D and Production	12,000	24,000	30,400	+6,400	+26.7%
Isotope R&D and Production	82,000	109,451	173,051	+63,600	+58.1%
Research - Accelerator R&D and Production	18,000	27,436	34,270	+6,834	+24.9%
Accelerator R&D and Production	18,000	27,436	34,270	+6,834	+24.9%
Workforce Development for Teachers & Scientists	35,000	42,000	46,100	+4,100	+9.8%
Payment In Lieu of Taxes	4,820	4,891	5,004	+113	+2.3%
Oak Ridge Landlord	6,430	6,559	6,910	+351	+5.4%
Oak Ridge Nuclear Operations	26,000	26,000	46,000	+20,000	+76.9%
Facilities and Infrastructure (SLI)	14,450	13,900	32,104	+18,204	+131.0%
Laboratory Operations Internship	0	0	3,000	+3,000	N/A

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21-SC-71, Princeton Plasma Innovation Center, PPPL	7,750	10,000	15,000	+5,000	+50.0%
21-SC-72, Critical Infrastructure Recovery & Renewal, PPPL	2,000	4,000	10,000	+6,000	+150.0%
21-SC-73, Ames Infrastructure Modernization	2,000	2,000	8,000	+6,000	+300.0%
20-SC-71, Critical Utilities Rehabilitation Project, BNL	26,000	26,000	0	-26,000	-100.0%
20-SC-72, Seismic and Safety Modernization, LBNL	18,000	27,500	40,000	+12,500	+45.5%
20-SC-73, CEBAF Renovation and Expansion, TJNAF (19-SC-73)	10,000	15,000	11,000	-4,000	-26.7%
20-SC-75, Large Scale Collaboration Center, SLAC (19-SC-75)	21,000	21,000	0	-21,000	-100.0%
20-SC-76, Tritium System Demolition and Disposal, PPPL (20-SC-78)	6,400	0	0	0	N/A
20-SC-77, Argonne Utilities Upgrade, ANL (20-SC-79)	10,000	8,000	8,007	+7	+0.1%
20-SC-78, Linear Assets Modernization Project, LBNL (20-SC-80)	10,400	23,425	18,900	-4,525	-19.3%
20-SC-79, Critical Utilities Infrastructure Revitalization, SLAC (20-SC-81)	8,500	25,425	35,075	+9,650	+38.0%
20-SC-80, Utilities Infrastructure Project, FNAL (20-SC-82)	10,500	20,000	45,000	+25,000	+125.0%
19-SC-71, Science User Support Center, BNL	38,000	0	0	0	N/A
19-SC-73, Translational Research Capability, ORNL	21,500	0	0	0	N/A
19-SC-74, Biological & Environmental Program Integration Center (BioEPIC), LBNL	35,000	45,000	38,000	-7,000	-15.6%
17-SC-71, Integrated Engineering Research Center, FNAL	10,250	0	0	0	N/A
22-SC-71, Critical Infrastructure Modernization Project (CIMP), ORNL	1,000	1,000	0	-1,000	-100.0%
22-SC-72, Thomas Jefferson Infrastructure Improvements (TJII), TJNAF	1,000	1,000	0	-1,000	-100.0%
Construction - Science Laboratories Infrastructure	239,300	229,350	228,982	-368	-0.2%
Science Laboratories Infrastructure	291,000	280,700	322,000	+41,300	+14.7%
Safeguards and Security - SC	170,000	184,099	200,000	+15,901	+8.6%
Program Direction - SC	202,000	211,211	226,200	+14,989	+7.1%
Total, Science	7,475,000	8,100,000	8,800,400	+700,400	+8.6%
Energy Efficiency and Renewable Energy					
Vehicle Technologies	420,000	455,000	526,942	+71,942	+15.8%
Bioenergy Technologies	262,000	280,000	323,000	+43,000	+15.4%
Hydrogen and Fuel Cells Technologies	157,500	170,000	163,075	-6,925	-4.1%
Sustainable Transportation and Fuels	839,500	905,000	1,013,017	+108,017	+11.9%
Renewable Energy Grid Integration	40,000	45,000	59,066	+14,066	+31.3%
Solar Energy Technologies	290,000	318,000	378,908	+60,908	+19.2%
Wind Energy Technologies	114,000	132,000	385,000	+253,000	+191.7%
Water Power Technologies	162,000	179,000	229,769	+50,769	+28.4%
Geothermal Technologies	109,500	118,000	216,000	+98,000	+83.1%
Renewable Energy	715,500	792,000	1,268,743	+476,743	+60.2%
Advanced Manufacturing	416,000	450,000	0	-450,000	-100.0%
Industrial Efficiency & Decarbonization Office	0	0	394,245	+394,245	N/A
Advanced Materials & Manufacturing Technologies Office	0	0	241,497	+241,497	N/A
Federal Energy Management Program (EERE)	40,000	0	0	0	N/A
Building Technologies	307,500	332,000	347,841	+15,841	+4.8%
Weatherization Assistance Program (EERE)	313,000	0	0	0	N/A
Training and Technical Assistance (EERE)	6,000	0	0	0	N/A
Weatherization Readiness	15,000	0	0	0	N/A
State Energy Program Grants (EERE)	63,000	0	0	0	N/A
Local Government Energy Program	10,000	0	0	0	N/A
Energy Future Grants (EERE)	20,000	0	0	0	N/A
Weatherization and Intergovernmental Programs	427,000	0	0	0	N/A
Buildings & Industry (formerly Energy Efficiency)	1,190,500	782,000	983,583	+201,583	+25.8%
Operations and Maintenance	93,590	102,370	118,865	+16,495	+16.1%
Facility Management	46,410	57,630	66,526	+8,896	+15.4%
Establish DOE 18th National Laboratory	0	0	35,000	+35,000	N/A
21-EE-001, Energy Materials Processing at Scale (EMAPS)	8,000	45,000	57,000	+12,000	+26.7%
Facilities and Infrastructure	148,000	205,000	277,391	+72,391	+35.3%
Program Direction - Energy Efficiency and Renewable Energy	209,453	186,000	225,623	+39,623	+21.3%
Program Direction (EERE/FEMP)	0	14,000	0	-14,000	-100.0%
Program Direction (EERE/MESC)	0	1,000	0	-1,000	-100.0%
Program Direction (EERE/SCEP)	0	22,000	0	-22,000	-100.0%
Total Program Direction (EERE)	209,453	223,000	225,623	+2,623	+1.2%
Strategic Programs	20,000	21,000	57,759	+36,759	+175.0%
Corporate Support	377,453	449,000	560,773	+111,773	+24.9%
Congressional Directed Spending - EERE	77,047	0	0	0	N/A
Federal Energy Management Program (FEMP)	0	29,000	0	-29,000	-100.0%
FEFF/AFFECT (FEMP)	0	14,000	0	-14,000	-100.0%
Facility and Workforce Assistance (MESC)	0	16,000	0	-16,000	-100.0%
Energy Sector Industrial Base (MESC)	0	2,000	0	-2,000	-100.0%
Weatherization Assistance Program (SCEP)	0	326,000	0	-326,000	-100.0%
Training and Technical Assistance (SCEP)	0	10,000	0	-10,000	-100.0%

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Local Government Energy Program (SCEP)	0	12,000	0	-12,000	-100.0%
Energy Future Grants (SCEP)	0	27,000	0	-27,000	-100.0%
State Energy Program Grants (SCEP)	0	66,000	0	-66,000	-100.0%
Weatherization Readiness Fund (SCEP)	0	30,000	0	-30,000	-100.0%
Total, Energy Efficiency and Renewable Energy	3,200,000	3,460,000	3,826,116	+366,116	+10.6%
Fossil Energy and Carbon Management					
Hydrogen with Carbon Management	101,000	95,000	85,000	-10,000	-10.5%
Carbon Transport and Storage	97,000	110,000	110,000	0	N/A
Carbon Dioxide Removal	49,000	70,000	70,000	0	N/A
Carbon Utilization	29,000	50,000	0	-50,000	-100.0%
Carbon Dioxide Conversion	0	0	50,000	+50,000	N/A
Carbon Capture	99,000	135,000	0	-135,000	-100.0%
Point-Source Carbon Capture	0	0	144,000	+144,000	N/A
Carbon Management - Policy, Analysis and Engagement (previous 2 controls)	0	0	5,000	+5,000	N/A
Carbon Management - Policy and Analysis	2,400	0	0	0	N/A
Carbon Management - Justice and Engagement	1,000	0	0	0	N/A
Supercritical Transformational Electric Power (STEP)	15,000	0	0	0	N/A
Carbon Management Technologies	393,400	460,000	464,000	+4,000	+0.9%
Advanced Remediation Technologies	55,600	55,000	13,000	-42,000	-76.4%
Methane Mitigation Technologies	39,000	60,000	100,000	+40,000	+66.7%
Natural Gas Decarbonization and Hydrogen Technologies	20,000	26,000	20,000	-6,000	-23.1%
Mineral Sustainability	53,000	54,000	45,000	-9,000	-16.7%
Resource Sustainability - Analysis and Engagement	0	0	1,000	+1,000	N/A
Resource Sustainability	167,600	195,000	179,000	-16,000	-8.2%
Energy Asset Transformation (formerly Repurposing Fossil Energy Assets)	5,000	6,000	6,000	0	N/A
University Training and Research (previous 2 controls)	13,000	13,000	19,000	+6,000	+46.2%
Special Recruitment Programs	1,001	1,000	1,000	0	N/A
Program Direction - Fossil Energy	66,800	70,000	92,000	+22,000	+31.4%
NETL Infrastructure - Fossil Energy	75,000	55,000	55,000	0	N/A
NETL Research and Operations - Fossil Energy	83,000	87,000	89,475	+2,475	+2.8%
NETL Interagency Working Group	0	3,000	0	-3,000	-100.0%
Congressional Directed Spending - Fossil Energy	20,199	0	0	0	N/A
Total, Fossil Energy and Carbon Management	825,000	890,000	905,475	+15,475	+1.7%
Nuclear Energy					
University Nuclear Leadership Program	0	0	6,630	+6,630	N/A
University Fuel Services	0	0	20,222	+20,222	N/A
NEUP, SBIR/STTR, and TCF	100,000	130,276	119,858	-10,418	-8.0%
Integrated University Program	6,000	0	0	0	N/A
Advanced SMR R&D	150,000	165,000	20,000	-145,000	-87.9%
LWR Sustainability	48,000	45,000	35,000	-10,000	-22.2%
Advanced Reactor Technologies	59,000	49,000	43,200	-5,800	-11.8%
Reactor Concepts RD&D	257,000	259,000	98,200	-160,800	-62.1%
Mining, Conversion, and Transportation	2,000	2,000	1,500	-500	-25.0%
Materials Recovery and Waste Form Development	30,000	45,000	39,000	-6,000	-13.3%
Accident Tolerant Fuels	115,000	114,000	108,900	-5,100	-4.5%
TRISO and Graphite Qualification	37,000	32,000	25,000	-7,000	-21.9%
Fuel Cycle Core R&D	23,150	29,000	29,000	0	N/A
Advanced Nuclear Fuel Availability	45,000	0	120,000	+120,000	N/A
HALEU Availability	0	100,000	0	-100,000	-100.0%
Used Nuclear Fuel Disposition R&D	50,000	47,000	46,875	-125	-0.3%
Integrated Waste Management System	18,000	53,000	53,000	0	N/A
Fuel Cycle Research & Development	320,150	422,000	423,275	+1,275	+0.3%
Crosscutting Technology Development	29,000	32,000	32,778	+778	+2.4%
Joint Modeling and Simulation Program	30,000	28,500	28,500	0	N/A
National Scientific User Facility	33,000	35,000	35,000	0	N/A
Transformational Challenge Reactor	25,000	0	0	0	N/A
Nuclear Energy Enabling Technologies	117,000	95,500	96,278	+778	+0.8%
National Reactor Innovation Center	55,000	70,000	34,000	-36,000	-51.4%
Demonstration 1 (X-Energy)	30,000	30,000	0	-30,000	-100.0%
Demonstration 2 (Sodium)	30,000	30,000	0	-30,000	-100.0%
Risk Reduction for Future Demonstrations	115,000	120,000	120,000	0	N/A
Regulatory Development	15,000	10,250	11,000	+750	+7.3%
Advanced Reactor Safeguards	5,000	4,750	6,000	+1,250	+26.3%
23-E-200 LOTUS Project	0	20,000	32,000	+12,000	+60.0%
Advanced Reactors Demonstration Program	250,000	285,000	203,000	-82,000	-28.8%

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INL Facilities Operations and Maintenance	295,000	318,924	318,924	0	N/A
ORNL Nuclear Facilities O&M	20,000	20,000	0	-20,000	-100.0%
Research Reactor Infrastructure	15,000	0	0	0	N/A
16-E-200 Sample Preparation Laboratory	41,850	7,300	0	-7,300	-100.0%
Infrastructure	371,850	346,224	318,924	-27,300	-7.9%
Idaho Site-wide Safeguards & Security (050)	149,800	150,000	177,733	+27,733	+18.5%
International Nuclear Energy Cooperation	3,000	0	13,500	+13,500	N/A
Program Direction - Nuclear Energy	80,000	85,000	85,000	0	N/A
Total, Nuclear Energy	1,654,800	1,773,000	1,562,620	-210,380	-11.9%
Nuclear Waste Fund Oversight					
Oversight Activities Nuclear Waste Disposal	7,500	10,205	12,040	+1,835	+18.0%
Interim Storage	20,000	0	0	0	N/A
Total, Nuclear Waste Fund Oversight	27,500	10,205	12,040	+1,835	+18.0%
Electricity					
Transmission Reliability and Resilience	26,000	34,000	42,500	+8,500	+25.0%
Energy Delivery Grid Operations Technology	23,000	31,000	30,000	-1,000	-3.2%
Resilient Distribution Systems	55,000	55,000	47,300	-7,700	-14.0%
Cyber Resilient & Secure Utility Communications Network (SecureNet)	11,150	15,000	15,000	0	N/A
Grid Controls and Communications	115,150	135,000	134,800	-200	-0.1%
Energy Storage R&D	73,000	95,000	78,600	-16,400	-17.3%
20-OE-100 Grid Storage Launchpad	47,000	0	0	0	N/A
Energy Storage	120,000	95,000	78,600	-16,400	-17.3%
Transformer Resilience and Advanced Components	11,000	27,500	21,700	-5,800	-21.1%
Applied Grid Transformation Solutions	0	10,000	29,700	+19,700	+197.0%
Grid Hardware, Components, and Systems	131,000	132,500	130,000	-2,500	-1.9%
Electricity Innovation and Transition	0	0	14,000	+14,000	N/A
Grid Planning and Development (formerly, Transmission Permitting & Tech Assist.)	8,000	0	0	0	N/A
Grid Planning & Development (GDO)	0	16,000	0	-16,000	-100.0%
Grid Technical Assistance (GDO)	0	25,000	0	-25,000	-100.0%
Interregional and Offshore Transmission Planning	0	2,000	0	-2,000	-100.0%
Wholesale Electricity Market Technical Assistance and Grants	0	16,500	0	-16,500	-100.0%
Program Direction - OE	17,000	17,793	18,675	+882	+5.0%
Program Direction - GDO	3,000	5,207	0	-5,207	-100.0%
Total Program Direction (OE)	20,000	23,000	18,675	-4,325	-18.8%
Congressional Directed Spending - Electricity	2,850	0	0	0	N/A
Total, Electricity	277,000	350,000	297,475	-52,525	-15.0%
Office of Technology Transitions					
Foundation for Energy Security and Innovation	0	0	31,000	+31,000	N/A
Technology Transitions Program Office	11,095	8,915	11,911	+2,996	+33.6%
Office of Technology Transitions Program Direction	8,375	13,183	13,639	+456	+3.5%
Total, Office of Technology Transitions	19,470	22,098	56,550	+34,452	+155.9%
Office of Clean Energy Demonstrations					
Clean Energy Demonstrations	12,000	64,000	170,000	+106,000	+165.6%
Program Direction - OCED	8,000	25,000	45,300	+20,300	+81.2%
Total, Office of Clean Energy Demonstrations	20,000	89,000	215,300	+126,300	+141.9%
CESER and Petroleum Reserves					
Cybersecurity, Energy Security and Emergency Response					
Risk Management Technology and Tools	129,804	125,000	135,000	+10,000	+8.0%
Response and Restoration	18,000	23,000	39,000	+16,000	+69.6%
Policy, Preparedness, and Risk Analysis	19,000	26,857	39,000	+12,143	+45.2%
Emerging Threat Info Sharing & Analysis Center, Univ of Arkansas Little Rock, AR	1,000	0	0	0	N/A
Oakland University Cybersecurity Center, MI	2,000	0	0	0	N/A
Program Direction - CESER	16,000	25,143	32,475	+7,332	+29.2%
Total, Cybersecurity, Energy Security and Emergency Response	185,804	200,000	245,475	+45,475	+22.7%
Strategic Petroleum Reserve					
Facilities Development and Operations	168,525	163,444	233,897	+70,453	+43.1%
Management for SPR Operations	28,475	28,651	30,792	+2,141	+7.5%
Northeast Gasoline Supply Reserve	22,000	15,080	16,280	+1,200	+8.0%
Total, Strategic Petroleum Reserve	219,000	207,175	280,969	+73,794	+35.6%

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Naval Petroleum and Oil Shale Reserves					
Naval Petroleum Production Operations	11,650	11,004	11,010	+6	+0.1%
Management	2,000	2,000	2,000	0	N/A
Total, Naval Petroleum and Oil Shale Reserves	13,650	13,004	13,010	+6	+0.0%
SPR Petroleum Account					
SPR - Petroleum Account	7,350	100	0	-100	-100.0%
Rescission of Prior Year Balances - Strategic Petroleum Reserve	0	-2,052,000	0	+2,052,000	+100.0%
Total, SPR Petroleum Account	7,350	-2,051,900	0	+2,051,900	+100.0%
Northeast Home Heating Oil Reserve					
Northeast Home Heating Oil Reserves	6,500	7,000	7,150	+150	+2.1%
Total, Northeast Home Heating Oil Reserve	6,500	7,000	7,150	+150	+2.1%
Petroleum Reserves	246,500	-1,824,721	301,129	+2,125,850	+116.5%
Total, CESER and Petroleum Reserves	432,304	-1,624,721	546,604	+2,171,325	+133.6%
Indian Energy Policy and Programs					
Indian Energy Policy & Programs	52,477	61,000	89,697	+28,697	+47.0%
Program Direction - Indian Energy Program	5,523	14,000	20,353	+6,353	+45.4%
Total, Indian Energy Policy and Programs	58,000	75,000	110,050	+35,050	+46.7%
Title 17 Innovative Technology Loan Guarantee Program					
Loan Guarantee Program	32,000	0	0	0	N/A
Administrative Expenses	0	66,206	70,000	+3,794	+5.7%
Offsetting Collections - Title 17 Innovative Technology Loan Guarantee Program	-3,000	-52,224	-196,524	-144,300	-276.3%
Guaranteed Loan Subsidy Rescission	0	-150,000	0	+150,000	+100.0%
Total, Title 17 Innovative Technology Loan Guarantee Program	29,000	-136,018	-126,524	+9,494	+7.0%
Advanced Technology Vehicles Manufacturing Loan Program					
Administrative Expenses	5,000	9,800	13,000	+3,200	+32.7%
Total, Advanced Technology Vehicles Manufacturing Loan Program	5,000	9,800	13,000	+3,200	+32.7%
Tribal Energy Loan Guarantee Program					
Administrative Expenses	0	0	6,300	+6,300	N/A
Administrative Expenses - Tribal Energy Loan Guarantee Program	2,000	2,000	0	-2,000	-100.0%
Tribal Energy Loan Guarantee Credit Subsidy	0	2,000	0	-2,000	-100.0%
Total, Tribal Energy Loan Guarantee Program	2,000	4,000	6,300	+2,300	+57.5%
Power Marketing Administrations					
Southeastern Power Administration					
Purchase Power and Wheeling - SEPA	66,353	92,687	86,019	-6,668	-7.2%
Program Direction - SEPA	7,284	8,273	8,449	+176	+2.1%
Offsetting collections (for PD) - SEPA	-7,184	-8,173	-8,449	-276	-3.4%
Offsetting collections (for PPW) - SEPA	-53,000	-78,696	-71,850	+6,846	+8.7%
Offsetting Collections - SEPA	-60,184	-86,869	-80,299	+6,570	+7.6%
Less alternative financing (for PD) - SEPA	-100	-100	0	+100	+100.0%
Less alternative financing (for PPW) - SEPA	-13,353	-13,991	-14,169	-178	-1.3%
Less alternative financing - SEPA	-13,453	-14,091	-14,169	-78	-0.6%
Total, Southeastern Power Administration	0	0	0	0	N/A
Southwestern Power Administration					
Operation And Maintenance - SWPA	11,082	15,517	16,759	+1,242	+8.0%
Construction - SWPA	15,901	16,035	13,806	-2,229	-13.9%
Purchase Power And Wheeling - SWPA	62,000	93,000	120,000	+27,000	+29.0%
Program Direction - SWPA	36,833	38,250	39,172	+922	+2.4%
Subtotal, SWPA	125,816	162,802	189,737	+26,935	+16.5%
Offsetting Collections (for O&M) - SWPA	-4,395	-7,998	-8,884	-886	-11.1%
Offsetting Collections (for PD) - SWPA	-33,529	-34,882	-32,002	+2,880	+8.3%
Offsetting Collections (for PPW) - SWPA	-39,000	-70,000	-80,000	-10,000	-14.3%
Offsetting Collections - SWPA	-76,924	-112,880	-120,886	-8,006	-7.1%
Less alternative financing (for O&M) - SWPA	-4,591	-5,279	-4,388	+891	+16.9%
Less alternative financing (for Construction) - SWPA	-10,901	-11,035	-8,806	+2,229	+20.2%
Less alternative financing (for PPW) - SWPA	-23,000	-23,000	-40,000	-17,000	-73.9%
Less alternative financing (for PD) - SWPA	0	0	-4,217	-4,217	N/A
Less alternative financing - SWPA	-38,492	-39,314	-57,411	-18,097	-46.0%
Total, Southwestern Power Administration	10,400	10,608	11,440	+832	+7.8%
Western Area Power Administration					
Operation And Maintenance - CROM	81,983	85,229	130,131	+44,902	+52.7%
Construction And Rehabilitation - CROM	35,185	47,189	0	-47,189	-100.0%
Purchase Power And Wheeling - CROM	443,677	715,824	715,824	0	N/A

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Program Direction - CROM	267,246	277,287	295,039	+17,752	+6.4%
Construction, Rehabilitation, Operation, and Maintenance (CROM) - WP	828,091	1,125,529	1,140,994	+15,465	+1.4%
Less alternative financing (for O&M) - CROM	-7,122	-7,641	-42,276	-34,635	-453.3%
Less alternative financing (for Construction) - CROM	-31,090	-38,219	0	+38,219	+100.0%
Less alternative financing (for PPW) - CROM	-273,677	-240,824	-240,824	0	N/A
Less alternative financing (for PD) - CROM	-51,849	-54,868	-60,084	-5,216	-9.5%
Less alternative financing - CROM	-363,738	-341,552	-343,184	-1,632	-0.5%
Purchase Power & Wheeling Financed from Offsetting (P.L. 108-447/109-103)	-170,000	-475,000	-475,000	0	N/A
Offsetting Collections - Colorado River Dam (P.L. 98-381)	-9,116	-9,404	-9,521	-117	-1.2%
Offsetting Collections (for O&M) - CROM	-27,530	-29,180	-29,449	-269	-0.9%
Offsetting Collections (for PD) - CROM	-166,935	-171,661	-183,968	-12,307	-7.2%
Offsetting Collections - CROM	-373,581	-685,245	-697,938	-12,693	-1.9%
Total, Western Area Power Administration	90,772	98,732	99,872	+1,140	+1.2%
Falcon and Amistad Operating and Maintenance Fund					
Falcon And Amistad Operation And Maintenance	7,545	7,928	8,297	+369	+4.7%
Offsetting Collections - Falcon and Amistad Fund	-5,580	-6,102	-3,197	+2,905	+47.6%
Less alternative financing - Falcon and Amistad Fund	-1,737	-1,598	-1,872	-274	-17.1%
Use of Prior Year Balance - Falcon & Amistad Operating & Maintenance	0	0	-3,000	-3,000	N/A
Total, Falcon and Amistad Operating and Maintenance Fund	228	228	228	0	N/A
Colorado River Basins Power Marketing Fund					
Program Direction - Colorado River Basins Fund	74,581	79,539	80,381	+842	+1.1%
Equipment, Contracts and Related Expenses - Colorado River Basins Fund	162,709	178,927	454,857	+275,930	+154.2%
Colorado River Basins Fund	237,290	258,466	535,238	+276,772	+107.1%
Offsetting collections - CRBPMF	-237,290	-258,466	-535,238	-276,772	-107.1%
Total, Power Marketing Administrations	101,400	109,568	111,540	+1,972	+1.8%
Federal Energy Management Program					
Federal Energy Management Program (FEMP)	0	0	45,000	+45,000	N/A
FEEF/AFFECT (FEMP)	0	0	20,000	+20,000	N/A
Program Direction - FEMP	0	0	17,200	+17,200	N/A
Total, Federal Energy Management Program	0	0	82,200	+82,200	N/A
Grid Deployment Office					
Interregional and Offshore Transmission Planning	0	0	22,000	+22,000	N/A
Offshore Wind Planning & Development (GDO)	0	0	8,000	+8,000	N/A
Technical Assistance (GDO)	0	0	26,500	+26,500	N/A
Wholesale Electricity Market Technical Assistance and Grants	0	0	19,000	+19,000	N/A
EV Grid Planning & Markets (GDO)	0	0	5,000	+5,000	N/A
Territory, Tribal, & Rural Community Development (GDO)	0	0	12,750	+12,750	N/A
Hydropower Incentives (GDO)	0	0	250	+250	N/A
Program Direction - GDO	0	0	13,100	+13,100	N/A
Total Program Direction (OE)	0	0	13,100	+13,100	N/A
Total, Grid Deployment Office	0	0	106,600	+106,600	N/A
Office of Manufacturing & Energy Supply Chains					
Facility and Workforce Assistance (MESOC)	0	0	15,490	+15,490	N/A
Program Direction - MESOC	0	0	24,000	+24,000	N/A
Defense Production Act (MESOC)	0	0	65,000	+65,000	N/A
Global Clean Energy Manufacturing Initiative (MESOC)	0	0	75,000	+75,000	N/A
Total, Office of Manufacturing & Energy Supply Chains	0	0	179,490	+179,490	N/A
Office of State and Community Programs					
Weatherization Assistance Program (SCEP)	0	0	375,000	+375,000	N/A
Training and Technical Assistance (SCEP)	0	0	10,000	+10,000	N/A
Local Government Energy Program (SCEP)	0	0	65,000	+65,000	N/A
Energy Future Grants (SCEP)	0	0	40,000	+40,000	N/A
State Energy Program Grants (SCEP)	0	0	75,000	+75,000	N/A
Program Direction - SCEP	0	0	33,220	+33,220	N/A
Weatherization Readiness Fund (SCEP)	0	0	51,780	+51,780	N/A
Energy Burden Reduction Pilot (SCEP)	0	0	50,000	+50,000	N/A
IWG (SCEP)	0	0	5,000	+5,000	N/A
Total, Office of State and Community Programs	0	0	705,000	+705,000	N/A

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FY 2022 Enacted (1)	FY 2023 Enacted (1), (2), (3)	FY 2024 President's Budget	FY 2024 President's Budget vs. FY 2023 Enacted	
			\$	%

Environmental Management

Non-Defense Environmental Cleanup

Fast Flux Test Reactor Facility (WA)	3,100	3,200	3,200	0	N/A
Gaseous Diffusion Plants	121,203	130,938	132,983	+2,045	+1.6%
Small Sites - NDEC	119,340	132,463	122,635	-9,828	-7.4%
West Valley Demonstration Project - NDEC	88,120	89,882	89,882	0	N/A
Management and Storage of Elemental Mercury	2,100	2,100	0	-2,100	-100.0%
Mercury Receipts	0	3,000	3,000	0	N/A
Use of Mercury Receipts	0	-3,000	-3,000	0	N/A
Total, Non-Defense Environmental Cleanup	333,863	358,583	348,700	-9,883	-2.8%

Uranium Enrichment Decontamination and Decommissioning (UED&D)

Oak Ridge (D&D Fund)	105,000	92,946	91,000	-1,946	-2.1%
Nuclear Facility D&D, Paducah	240,000	240,000	217,874	-22,126	-9.2%
Nuclear Facility D&D, Portsmouth	392,911	424,354	418,258	-6,096	-1.4%
15-U-408 On-Site Waste Disposal Facility, Portsmouth	8,900	0	0	0	N/A
20-U-401 On-site Waste Disposal Facility	65,235	56,040	74,552	+18,512	+33.0%
Construction - Portsmouth	74,135	56,040	74,552	+18,512	+33.0%
Pension and Community and Regulatory Support	31,799	50,912	31,398	-19,514	-38.3%
Title X Uranium Thorium Reimbursement Program	16,155	14,800	24,400	+9,600	+64.9%
Total, Uranium Enrichment Decontamination and Decommissioning (UED&D)	860,000	879,052	857,482	-21,570	-2.5%

Defense Environmental Cleanup

Closure Sites Administration	3,987	4,067	3,023	-1,044	-25.7%
River Corridor and Other Cleanup Operations	254,479	279,085	180,000	-99,085	-35.5%
Central Plateau Remediation	650,926	695,071	684,289	-10,782	-1.6%
Richland Community and Regulatory Support	8,621	10,013	10,100	+87	+0.9%
18-D-404 WESF Modification and Capsule Storage	8,000	3,100	0	-3,100	-100.0%
22-D-401 Eastern Plateau Fire Station	15,200	3,100	7,000	+3,900	+125.8%
22-D-402 L-897, 200 Area Water Treatment Facility	12,800	8,900	11,200	+2,300	+25.8%
23-D-404 181D Export Water System Reconfiguration and Upgrade	0	6,770	27,149	+20,379	+301.0%
23-D-405 181B Export Water System Reconfiguration and Upgrade	0	480	462	-18	-3.8%
24-D-401 Environmental Restoration Disposal Facility Supercell 11 Expansion Proj	0	0	1,000	+1,000	N/A
Construction - Richland	36,000	22,350	46,811	+24,461	+109.4%
Richland	950,026	1,006,519	921,200	-85,319	-8.5%
Waste Treatment Immobilization Plant Commissioning	50,000	50,000	466,000	+416,000	+832.0%
Rad Liquid Tank Waste Stabilization and Disposition	837,642	851,100	813,625	-37,475	-4.4%
01-D-16D High-Level Waste Facility	144,358	392,200	600,000	+207,800	+53.0%
01-D-16E Pretreatment Facility	20,000	20,000	20,000	0	N/A
15-D-409 Low Activity Waste Pretreatment System	0	0	60,000	+60,000	N/A
18-D-16 Waste treatment and immobilization plant - LBL/Direct Feed LAW	586,000	412,700	0	-412,700	-100.0%
23-D-403, Hanford 200 West Area Tank Farms Risk Management Project	0	4,408	15,309	+10,901	+247.3%
Construction - Office of River Protection	750,358	829,308	695,309	-133,999	-16.2%
ORP Low-Level Waste Offsite Disposal	7,000	0	0	0	N/A
Office of River Protection (ORP)	1,645,000	1,730,408	1,974,934	+244,526	+14.1%
Idaho Cleanup and Waste Disposition	432,313	424,295	377,623	-46,672	-11.0%
Idaho Community and Regulatory Support	2,658	2,705	2,759	+54	+2.0%
22-D-403 Idaho Spent Nuclear Fuel Staging Facility	3,000	8,000	10,159	+2,159	+27.0%
22-D-404 Additional ICDF Landfill Disposal Cell and Evaporation Ponds Project	5,000	8,000	46,500	+38,500	+481.3%
23-D-402 - Calcine Construction	0	15,000	10,000	-5,000	-33.3%
Construction - Idaho	8,000	31,000	66,659	+35,659	+115.0%
Idaho National Laboratory (INL)	442,971	458,000	447,041	-10,959	-2.4%
Lawrence Livermore National Laboratory (LLNL)	1,806	1,842	1,879	+37	+2.0%
Separations Processing Research Unit	15,000	15,300	15,300	0	N/A
Nevada Site	75,737	62,652	61,952	-700	-1.1%
Sandia National Laboratory (SNL)	4,576	4,003	2,264	-1,739	-43.4%
Los Alamos National Laboratory (LANL)	275,119	286,316	273,831	-12,485	-4.4%
Los Alamos Excess Facilities D&D	17,000	40,519	13,648	-26,871	-66.3%
LLNL Excess Facilities D&D	35,000	35,000	20,195	-14,805	-42.3%
NNSA Sites and Nevada Off-Sites	424,238	445,632	389,069	-56,563	-12.7%

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(Dollars in Thousands)

	FY 2022 Enacted (1)	FY 2023 Enacted (1), (2), (3)	FY 2024 President's Budget	FY 2024 President's Budget vs. FY 2023 Enacted	
				\$	%
OR Nuclear Facility D&D	337,062	334,221	335,000	+779	+0.2%
U233 Disposition Program	55,000	55,628	55,000	-628	-1.1%
OR Cleanup and Waste Disposition	73,725	62,000	72,000	+10,000	+16.1%
14-D-403 Outfall 200 Mercury Treatment Facility	0	10,000	10,000	0	N/A
17-D-401 On-site Waste Disposal Facility	12,500	35,000	24,500	-10,500	-30.0%
Construction - Oak Ridge	12,500	45,000	34,500	-10,500	-23.3%
OR Community and Regulatory Support	5,096	5,300	5,500	+200	+3.8%
OR Technology Development and Deployment	3,000	3,000	3,000	0	N/A
Oak Ridge (OR)	486,383	505,149	505,000	-149	-0.0%
Savannah River Risk Management Operations	459,090	485,864	453,109	-32,755	-6.7%
18-D-402 Emergency Operations Center Replacement, SR	8,999	25,568	34,733	+9,165	+35.8%
19-D-701 SR Security Systems Replacement	5,000	12,000	0	-12,000	-100.0%
Construction - Savannah River Risk Management Operations	13,999	37,568	34,733	-2,835	-7.5%
Total, Savannah River Risk Management Operations	473,089	523,432	487,842	-35,590	-6.8%
SR Community and Regulatory Support	11,805	12,137	12,389	+252	+2.1%
Savannah River National Laboratory Operations & Maintenance	0	41,000	42,000	+1,000	+2.4%
Radioactive Liquid Tank Waste Stabilization and Disposition	889,365	851,660	880,323	+28,663	+3.4%
18-D-401 Saltstone disposal unit #8/9	68,000	49,832	31,250	-18,582	-37.3%
20-D-401 Saltstone Disposal Unit #10, 11, 12	19,500	37,668	56,250	+18,582	+49.3%
Construction - Savannah River Sites	87,500	87,500	87,500	0	N/A
Savannah River Legacy Pensions	130,882	132,294	65,898	-66,396	-50.2%
Savannah River Sites	1,592,641	1,648,023	1,575,952	-72,071	-4.4%
Waste Isolation Pilot Plant (WIPP)	353,424	353,424	369,961	+16,537	+4.7%
15-D-411 Safety Significant Confinement Ventilation System, WIPP	65,000	59,073	44,365	-14,708	-24.9%
15-D-412 Utility Shaft, WIPP	25,000	46,200	50,000	+3,800	+8.2%
Construction - Waste Isolation Pilot Plant	90,000	105,273	94,365	-10,908	-10.4%
Total Waste Isolation Pilot Plant	443,424	458,697	464,326	+5,629	+1.2%
Program Direction - Defense Environmental Cleanup	305,207	317,002	326,893	+9,891	+3.1%
Program Support - Defense Environmental Cleanup	62,979	82,283	103,504	+21,221	+25.8%
Safeguards and Security - Defense Environmental Cleanup	323,144	329,220	332,645	+3,425	+1.0%
Technology Development and Deployment	30,000	40,000	30,000	-10,000	-25.0%
Total, Defense Environmental Cleanup	6,710,000	7,025,000	7,073,587	+48,587	+0.7%
Defense Uranium Enrichment D&D					
Defense Uranium Enrichment D&D Program	573,333	586,035	427,000	-159,035	-27.1%
Total, Defense Uranium Enrichment D&D	573,333	586,035	427,000	-159,035	-27.1%
Total, Environmental Management	8,477,196	8,848,670	8,706,769	-141,901	-1.6%
Other Defense Activities					
Environment, Health, Safety, and Security	206,320	215,539	231,263	+15,724	+7.3%
Office of Enterprise Assessments	83,384	85,427	94,154	+8,727	+10.2%
Specialized Security Activities	328,500	335,000	345,330	+10,330	+3.1%
Legacy Management	178,730	190,909	196,302	+5,393	+2.8%
Defense-Related Administrative Support	183,710	203,648	203,649	+1	+0.0%
Office Of Hearings And Appeals	4,356	4,477	4,499	+22	+0.5%
Total, Other Defense Activities	985,000	1,035,000	1,075,197	+40,197	+3.9%
Advanced Research Projects Agency - Energy					
ARPA-E Projects	414,000	433,000	595,000	+162,000	+37.4%
Program Direction - ARPA-E	36,000	37,000	55,200	+18,200	+49.2%
Total, Advanced Research Projects Agency - Energy	450,000	470,000	650,200	+180,200	+38.3%
Energy Information Administration					
Energy Information Administration (EIA)	129,087	135,000	156,550	+21,550	+16.0%
Total, Energy Information Administration	129,087	135,000	156,550	+21,550	+16.0%
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	+44.0%
Office of the 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%
Office of International Affairs	28,000	32,000	50,142	+18,142	+56.7%
Chief Information Officer	197,000	215,000	245,169	+30,169	+14.0%
Artificial Intelligence and Technology Office	1,000	1,000	0	-1,000	-100.0%
Strategic Partnership Projects	40,000	40,000	40,000	0	N/A
Miscellaneous Revenues	-100,578	-100,578	-100,578	0	N/A
Office of Management	61,400	66,000	103,245	+37,245	+56.4%
Project Management Oversight & Assessments	13,325	13,550	14,953	+1,403	+10.4%

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(Dollars in Thousands)

	FY 2022 Enacted (1)	FY 2023 Enacted (1), (2), (3)	FY 2024 President's Budget	FY 2024 President's Budget vs. FY 2023 Enacted	
				\$	%
Office of Human Capital Management	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%
Undistributed Other Departmental Administration	0	500	0	-500	-100.0%
Defense Related Administrative Support	-183,710	-203,648	-203,649	-1	-0.0%
Total, Departmental Administration	240,000	283,000	433,475	+150,475	+53.2%
Inspector General					
Program Direction - Office of Inspector General	78,000	86,000	165,161	+79,161	+92.0%
Total, Inspector General	78,000	86,000	165,161	+79,161	+92.0%
Federal Energy Regulatory Commission					
FERC Revenues	-466,426	-508,400	-520,000	-11,600	-2.3%
Just and Reasonable Rates, Terms, and Conditions	213,353	226,921	232,093	+5,172	+2.3%
Safe, Reliable, Secure, & Efficient Infrastructure	160,169	172,762	174,913	+2,151	+1.2%
Mission Support through Organizational Excellence	92,904	108,717	112,994	+4,277	+3.9%
Total, Federal Energy Regulatory Commission	0	0	0	0	N/A
Department Offsets					
Excess Fees and Recoveries, FERC	-9,000	-9,000	-9,000	0	N/A
Title XVII Loan Guar. Prog Section 1703 Negative Credit Subsidy Receipt	-10,000	-14,000	-7,000	+7,000	+50.0%
UED&D Fund Offset	-573,333	-586,035	-427,000	+159,035	+27.1%
Total, Department Offsets	-592,333	-609,035	-443,000	+166,035	+27.3%
Total DOE	44,261,291	45,765,100	51,999,588	+6,234,488	+13.6%
Department of Energy by Organization					
Defense (050): NNSA					
Weapons Activities	15,920,000	17,116,119	18,832,947	+1,716,828	+10.0%
Defense Nuclear Nonproliferation	2,354,000	2,490,000	2,508,959	+18,959	+0.8%
Naval Reactors	1,918,000	2,081,445	1,964,100	-117,345	-5.6%
Federal Salaries and Expenses	464,000	475,000	538,994	+63,994	+13.5%
National Nuclear Security Administration Rescissions	-288,133	0	0	0	N/A
Defense (050): Non-NNSA					
Other Defense Activities	985,000	1,035,000	1,075,197	+40,197	+3.9%
Defense Environmental Cleanup	6,710,000	7,025,000	7,073,587	+48,587	+0.7%
Nuclear Energy (050)	149,800	150,000	177,733	+27,733	+18.5%
Defense Uranium Enrichment D&D	573,333	586,035	427,000	-159,035	-27.1%
Total Defense (050)	28,786,000	30,958,599	32,598,517	+1,639,918	+5.3%
Non-Defense (Non-050): Science (250)					
Science	7,475,000	8,100,000	8,800,400	+700,400	+8.6%
Non-Defense (Non-050): Energy (270)					
Energy Efficiency and Renewable Energy	3,200,000	3,460,000	3,826,116	+366,116	+10.6%
Electricity	277,000	350,000	297,475	-52,525	-15.0%
Cybersecurity, Energy Security and Emergency Response	185,804	200,000	245,475	+45,475	+22.7%
Strategic Petroleum Reserve	219,000	207,175	280,969	+73,794	+35.6%
Naval Petroleum and Oil Shale Reserves	13,650	13,004	13,010	+6	+0.0%
SPR Petroleum Account	7,350	-2,051,900	0	+2,051,900	+100.0%
Northeast Home Heating Oil Reserve	6,500	7,000	7,150	+150	+2.1%
Nuclear Energy (270)	1,505,000	1,623,000	1,384,887	-238,113	-14.7%
Fossil Energy and Carbon Management	825,000	890,000	905,475	+15,475	+1.7%
Uranium Enrichment Decontamination and Decommissioning (UED&D)	860,000	879,052	857,482	-21,570	-2.5%
Energy Information Administration	129,087	135,000	156,550	+21,550	+16.0%
Non-Defense Environmental Cleanup	333,863	358,583	348,700	-9,883	-2.8%
Advanced Research Projects Agency - Energy	450,000	470,000	650,200	+180,200	+38.3%
Departmental Administration	240,000	283,000	433,475	+150,475	+53.2%
Indian Energy Policy and Programs	58,000	75,000	110,050	+35,050	+46.7%
Inspector General	78,000	86,000	165,161	+79,161	+92.0%
Title 17 Innovative Technology Loan Guarantee Program	29,000	-136,018	-126,524	+9,494	+7.0%
Advanced Technology Vehicles Manufacturing Loan Program	5,000	9,800	13,000	+3,200	+32.7%
Tribal Energy Loan Guarantee Program	2,000	4,000	6,300	+2,300	+57.5%
Southwestern Power Administration	10,400	10,608	11,440	+832	+7.8%
Western Area Power Administration	90,772	98,732	99,872	+1,140	+1.2%
Falcon and Amistad Operating and Maintenance Fund	228	228	228	0	N/A

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(Dollars in Thousands)

	FY 2022 Enacted ⁽¹⁾	FY 2023 Enacted ^{(1), (2), (3)}	FY 2024 President's Budget	FY 2024 President's Budget vs. FY 2023 Enacted	
				\$	%
Office of Technology Transitions	19,470	22,098	56,550	+34,452	+155.9%
Office of Clean Energy Demonstrations	20,000	89,000	215,300	+126,300	+141.9%
Nuclear Waste Fund Oversight	27,500	10,205	12,040	+1,835	+18.0%
Departmental Offsets	-592,333	-609,035	-443,000	+166,035	+27.3%
Federal Energy Management Program	0	0	82,200	+82,200	N/A
Grid Deployment Office	0	0	106,600	+106,600	N/A
Office of Manufacturing & Energy Supply Chains	0	0	179,490	+179,490	N/A
Office of State and Community Programs	0	0	705,000	+705,000	N/A
Energy Projects	0	221,969	0	-221,969	-100.0%
Total Non-Defense (Non-050)	15,475,291	14,806,501	19,401,071	+4,594,570	+31.0%
Total DOE	44,261,291	45,765,100	51,999,588	+6,234,488	+13.6%

⁽¹⁾ Funding does not reflect the mandated transfer of \$92.75 million in FY 2022 and \$99.75 million in FY 2023 from Naval Reactors to the Office of Nuclear Energy for operation of the Advanced Test Reactor

⁽²⁾ Funding does not reflect the mandated transfer of \$20 million from the Office of Nuclear Energy to the Office of Science for Nuclear Facilities Oak Ridge National Laboratory Operations and Maintenance.

⁽³⁾ FY 2023 Enacted levels for base funding includes \$300 million for the Office of Nuclear Energy that was enacted in Division M, Additional Ukraine Supplemental Appropriations, of the Consolidated Appropriations Act, 2023 (P.L. 117-328). This funding is a part of the total \$12.5 billion governmentwide originally intended to be base appropriations that was designated as emergency requirements for purposes of the 2023 Omnibus agreement.