

DEPARTMENT OF ENERGY
Comparative Appropriation by Congressional Control
FY 2023

(Dollars in Thousands)

FY 2021 Enacted Final	FY 2022 Annualized CR Final	FY 2023 Presidents Budget Requested Total	FY 2023 Presidents Budget vs. FY 2021 Enacted	
			\$	%

Discretionary Detail by Appropriation

Energy Efficiency and Renewable Energy

Vehicle Technologies	400,000	400,000	602,731	+202,731	+50.7%
Bioenergy Technologies	255,000	255,000	340,000	+85,000	+33.3%
Hydrogen and Fuel Cells Technologies	150,000	150,000	186,000	+36,000	+24.0%
Sustainable Transportation	805,000	805,000	1,128,731	+323,731	+40.2%
Renewable Energy Grid Integration	0	0	57,730	+57,730	N/A
Solar Energy Technologies	280,000	280,000	534,575	+254,575	+90.9%
Wind Energy Technologies	110,000	110,000	345,390	+235,390	+214.0%
Water Power Technologies	150,000	150,000	190,500	+40,500	+27.0%
Geothermal Technologies	106,000	106,000	202,000	+96,000	+90.6%
Renewable Power	646,000	646,000	1,330,195	+684,195	+105.9%
Advanced Manufacturing	396,000	396,000	582,500	+186,500	+47.1%
Building Technologies	290,000	290,000	392,000	+102,000	+35.2%
Federal Energy Management Program (EERE)	40,000	40,000	0	-40,000	-100.0%
Weatherization Assistance Program (EERE)	310,000	310,000	0	-310,000	-100.0%
Training and Technical Assistance (EERE)	5,000	5,000	0	-5,000	-100.0%
State Energy Program Grants (EERE)	62,500	62,500	0	-62,500	-100.0%
Weatherization and Intergovernmental Programs	377,500	377,500	0	-377,500	-100.0%
Energy Efficiency	1,103,500	1,103,500	974,500	-129,000	-11.7%
Program Direction - Energy Efficiency and Renewable Energy	165,000	165,000	224,474	+59,474	+36.0%
Strategic Programs	14,500	14,500	59,385	+44,885	+309.6%
Facilities and Infrastructure - NREL	130,000	130,000	179,600	+49,600	+38.2%
21-EE-001, Energy Materials Processing at Scale (EMAPS)	0	0	60,000	+60,000	N/A
23-TBD, South Table Mountain (STM) Carbon Free District Heating/Cooling	0	0	62,000	+62,000	N/A
Facilities and Infrastructure	130,000	130,000	301,600	+171,600	+132.0%
Corporate Support	309,500	309,500	585,459	+275,959	+89.2%
Rescission of Prior Year Balances	-2,240	-2,240	0	+2,240	-100.0%
Total, Energy Efficiency and Renewable Energy	2,861,760	2,861,760	4,018,885	+1,157,125	+40.4%

Electricity

Transmission Reliability and Resilience	48,220	48,220	37,300	-10,920	-22.6%
Transmission Permitting and Technical Assistance	7,000	7,000	0	-7,000	-100.0%
Energy Delivery Grid Operations Technology	0	0	39,000	+39,000	N/A
Resilient Distribution Systems	50,000	50,000	50,000	+0	+0.0%
Cyber Resilient & Secure Utility Communication Network (SecureNet)	0	0	20,000	+20,000	N/A
Energy Storage R&D	57,000	57,000	81,000	+24,000	+42.1%
20-OE-100 Grid Storage Launchpad	23,000	23,000	0	-23,000	-100.0%
Construction - Energy Storage	23,000	23,000	0	-23,000	-100.0%
Energy Storage	80,000	80,000	81,000	+1,000	+1.3%
Transformer Resilience and Advanced Components	7,500	7,500	22,500	+15,000	+200.0%
Applied Grid Transformation Solutions	0	0	30,000	+30,000	N/A
DCEI Energy Mission Assurance	1,000	1,000	0	-1,000	-100.0%
Program Direction - Electricity	18,000	18,000	17,586	-414	-2.3%
Total, Electricity	211,720	211,720	297,386	+85,666	+40.5%

Cybersecurity, Energy Security, and Emergency Response

Cybersecurity, Energy Security and Emergency Response

Cybersecurity for Energy Delivery Systems	96,000	96,000	0	-96,000	-100.0%
Infrastructure Security and Energy Restoration	48,000	48,000	0	-48,000	-100.0%
Risk Management Technology and Tools	0	0	125,000	+125,000	N/A
Response and Restoration	0	0	24,000	+24,000	N/A
Information Sharing, Partnerships and Exercises	0	0	28,000	+28,000	N/A
Program Direction - CESER	12,000	12,000	25,143	+13,143	+109.5%
Total, Cybersecurity, Energy Security and Emergency Response	156,000	156,000	202,143	+46,143	+29.6%
Strategic Petroleum Reserve					
Facilities Development and Operations	160,949	160,949	164,818	+3,869	+2.4%
Management for SPR Operations	27,051	27,051	27,642	+591	+2.2%
Northeast Gasoline Supply Reserve	0	0	21,715	+21,715	N/A
Total, Strategic Petroleum Reserve	188,000	188,000	214,175	+26,175	+13.9%
Naval Petroleum and Oil Shale Reserve					
Naval Petroleum And Oil Shale Reserves	13,006	13,006	13,004	-2	+0.0%
Total, Naval Petroleum and Oil Shale Reserve	13,006	13,006	13,004	-2	+0.0%
Strategic Petroleum Reserve Petroleum Account					
SPR Petroleum Account	1,000	1,000	8,000	+7,000	+700.0%
Total, Strategic Petroleum Reserve Petroleum Account	1,000	1,000	8,000	+7,000	+700.0%

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Northeast Home Heating Oil Reserve					
Northeast Home Heating Oil Reserves	6,500	6,500	7,000	+500	+7.7%
Total, Northeast Home Heating Oil Reserve	6,500	6,500	7,000	+500	+7.7%
Total, Cybersecurity, Energy Security, and Emergency Response	364,506	364,506	444,322	+79,816	+21.9%
Nuclear Energy					
SBIR/STTR	0	0	25,679	+25,679	N/A
Technology Commercialization Fund	0	0	6,692	+6,692	N/A
University Led Research & Development	0	0	59,658	+59,658	N/A
University Infrastructure	0	0	45,000	+45,000	N/A
University Scholarships and Fellowships	0	0	6,500	+6,500	N/A
University Fuel Services (RRI)	0	0	17,500	+17,500	N/A
Integrated University Program	5,000	5,000	0	-5,000	-100.0%
STEP R&D	5,000	5,000	0	-5,000	-100.0%
Advanced SMR R&D	115,000	115,000	40,000	-75,000	-65.2%
LWR Sustainability	47,000	47,000	45,000	-2,000	-4.3%
Advanced Reactor Technologies	46,000	46,000	50,000	+4,000	+8.7%
Reactor Concepts RD&D	208,000	208,000	135,000	-73,000	-35.1%
Mining, Conversion, and Transportation	2,000	2,000	1,500	-500	-25.0%
Civilian Nuclear Enrichment	40,000	40,000	0	-40,000	-100.0%
Materials Recovery and Waste Form Development	25,000	25,000	38,000	+13,000	+52.0%
Accident Tolerant Fuels	105,800	105,800	113,900	+8,100	+7.7%
Triso Fuel and Graphite Qualification	36,000	36,000	27,000	-9,000	-25.0%
Fuel Cycle Laboratory R&D	20,000	20,000	46,500	+26,500	+132.5%
HALEU Availability	0	0	95,000	+95,000	N/A
Used Nuclear Fuel Disposition R&D	62,500	62,500	46,875	-15,625	-25.0%
Integrated Waste Management System	18,000	18,000	53,000	+35,000	+194.4%
Fuel Cycle Research & Development	309,300	309,300	421,775	+112,475	+36.4%
Crosscutting Technology Development	28,000	28,000	35,250	+7,250	+25.9%
Joint Modeling and Simulation Program	35,000	35,000	28,327	-6,673	-19.1%
Nuclear Science User Facilities	30,000	30,000	39,160	+9,160	+30.5%
Transformational Challenge Reactor	29,869	29,869	0	-29,869	-100.0%
Nuclear Energy Enabling Technologies	122,869	122,869	102,737	-20,132	-16.4%
National Reactor Innovation Center	30,000	30,000	75,000	+45,000	+150.0%
Demonstration 1 (X-Energy)	80,000	80,000	0	-80,000	-100.0%
Demonstration 2 (Sodium)	80,000	80,000	0	-80,000	-100.0%
Risk Reduction for Future Demonstration	40,000	40,000	140,238	+100,238	+250.6%
Regulatory Development	15,000	15,000	10,250	-4,750	-31.7%
Advanced Reactors Safeguards	5,000	5,000	4,750	-250	-5.0%
Advanced Reactors Demonstration Program	250,000	250,000	230,238	-19,762	-7.9%
Other Project Costs	43,000	43,000	45,000	+2,000	+4.7%
21-E-200, Versatile Test Reactor	2,000	2,000	0	-2,000	-100.0%
Versatile Advanced Test Reactor R&D	45,000	45,000	45,000	+0	+0.0%
ORNL Nuclear Facilities O&M	20,000	20,000	0	-20,000	-100.0%
INL Facilities Operations and Maintenance	280,000	280,000	326,924	+46,924	+16.8%
16-E-200 Sample Preparation Laboratory	26,000	26,000	7,300	-18,700	-71.9%
Research Reactor Infrastructure	11,500	11,500	0	-11,500	-100.0%
Infrastructure	337,500	337,500	334,224	-3,276	-1.0%
Idaho Site-wide Safeguards & Security (050)	149,800	149,800	156,600	+6,800	+4.5%
International Nuclear Energy Cooperation	0	0	3,000	+3,000	N/A
Program Direction - Nuclear Energy	75,131	75,131	85,457	+10,326	+13.7%
Total, Nuclear Energy	1,507,600	1,507,600	1,675,060	+167,460	+11.1%
Fossil Energy and Carbon Management					
Carbon Capture	126,300	126,300	163,000	+36,700	+29.1%
Carbon Utilization	23,000	23,000	50,000	+27,000	+117.4%
Carbon Storage	79,000	79,000	122,000	+43,000	+54.4%
STEP Supercritical CO2	14,500	14,500	0	-14,500	-100.0%
Transformational Coal Pilots	10,000	10,000	0	-10,000	-100.0%
CCS and Power Systems	252,800	252,800	335,000	+82,200	+32.5%
Advanced Energy Systems	122,000	122,000	66,869	-55,131	-45.2%
Cross Cutting Research	72,000	72,000	31,000	-41,000	-56.9%
Advanced Coal Energy Systems & CCUS	194,000	194,000	97,869	-96,131	-49.6%
Mineral Sustainability	0	0	44,000	+44,000	N/A
Carbon Dioxide Removal	0	0	65,000	+65,000	N/A
Special Recruitment Programs	700	700	1,000	+300	+42.9%
Advanced Oil and Gas Prod Tech (Unconv FE)	46,000	46,000	0	-46,000	-100.0%

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Natural Gas Technologies Research	57,000	57,000	0	-57,000	-100.0%
NETL Research and Operations - Fossil Energy	83,000	83,000	83,000	+0	+0.0%
NETL Interagency Working Group	0	0	3,000	+3,000	N/A
NETL Infrastructure - Fossil Energy	55,000	55,000	55,000	+0	+0.0%
Program Direction - Fossil Energy Field	61,500	61,500	70,291	+8,791	+14.3%
Resource Technologies and Sustainability	0	0	139,000	+139,000	N/A
Total, Fossil Energy and Carbon Management	750,000	750,000	893,160	+143,160	+19.1%
Uranium Enrichment Decontamination and Decommissioning (D&D)					
Oak Ridge Reservation (D&D Fund)	134,701	134,701	92,946	-41,755	-31.0%
Paducah Gaseous Diffusion Plant (D&D Fund)	240,000	240,000	199,269	-40,731	-17.0%
Portsmouth Gaseous Diffusion Plant (D&D Fund)	367,193	367,193	432,354	+65,161	+17.7%
20-U-401 On-site Waste Disposal Facility	16,500	16,500	48,040	+31,540	+191.2%
15-U-408 On-Site Waste Disposal Facility, Portsmouth	46,639	46,639	0	-46,639	-100.0%
Construction - Uranium D&D Fund	63,139	63,139	48,040	-15,099	-23.9%
Pension and Community and Regulatory Support	30,967	30,967	25,412	-5,555	-17.9%
Uranium Enrichment D&D Fund-U Th Reimbursements	5,000	5,000	24,400	+19,400	+388.0%
Total, Uranium Enrichment Decontamination and Decommissioning (D&D)	841,000	841,000	822,421	-18,579	-2.2%
Energy Information Administration					
Energy Information Administration (EIA)	126,800	126,800	144,480	+17,680	+13.9%
Total, Energy Information Administration	126,800	126,800	144,480	+17,680	+13.9%
Non-Defense Environmental Cleanup					
Fast Flux Test Reactor Facility (WA)	2,500	2,500	3,200	+700	+28.0%
Gaseous Diffusion Plants	115,554	115,554	123,438	+7,884	+6.8%
Small Sites - NDEC	110,933	110,933	104,629	-6,304	-5.7%
West Valley Demonstration Project - NDEC	88,113	88,113	89,882	+1,769	+2.0%
Management and Storage of Elemental Mercury	2,100	2,100	2,100	+0	+0.0%
Mercury Receipts	3,000	3,000	3,000	+0	+0.0%
Use of Mercury Receipts	-3,000	-3,000	-3,000	+0	+0.0%
Total, Non-Defense Environmental Cleanup	319,200	319,200	323,249	+4,049	+1.3%
Science					
Research - Advanced Scientific Computing Research	846,055	846,055	991,741	+145,686	+17.2%
17-SC-20, SC Exascale Computing Project (ECP)	168,945	168,945	77,000	-91,945	-54.4%
Advanced Scientific Computing Research	1,015,000	1,015,000	1,068,741	+53,741	+5.3%
Research - Basic Energy Sciences	1,856,000	1,856,000	2,127,239	+271,239	+14.6%
21-SC-10, Cryomodule Repair and Maintenance Facility, SLAC	1,000	1,000	10,000	+9,000	+900.0%
19-SC-14, Second Target Station (STS), ORNL	29,000	29,000	32,000	+3,000	+10.3%
18-SC-10, Advanced Photon Source Upgrade (APS-U), ANL	160,000	160,000	9,200	-150,800	-94.3%
18-SC-11, Spallation Neutron Source Proton Power Upgrade (PPU), ORNL	52,000	52,000	17,000	-35,000	-67.3%
18-SC-12, Advanced Light Source Upgrade (ALS-U), LBNL	62,000	62,000	135,000	+73,000	+117.7%
18-SC-13, Linac Coherent Light Source-II-High Energy (LCLS-II-HE), SLAC	52,000	52,000	90,000	+38,000	+73.1%
13-SC-10, Linac Coherent Light Source-II (LCLS-II), SLAC	33,000	33,000	0	-33,000	-100.0%
Construction - Basic Energy Sciences	389,000	389,000	293,200	-95,800	-24.6%
Basic Energy Sciences	2,245,000	2,245,000	2,420,439	+175,439	+7.8%
Research - Biological & Environmental Research	753,000	753,000	903,685	+150,685	+20.0%
Biological and Environmental Research	753,000	753,000	903,685	+150,685	+20.0%
Research - Fusion Energy Sciences	415,000	415,000	482,222	+67,222	+16.2%
20-SC-61, Matter in Extreme Conditions (MEC) Petawatt Upgrade, SLAC	15,000	15,000	1,000	-14,000	-93.3%
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	257,000	257,000	241,000	-16,000	-6.2%
Fusion Energy Sciences	672,000	672,000	723,222	+51,222	+7.6%
Research - High Energy Physics	794,000	777,065	824,020	+30,020	+3.8%
18-SC-42, Proton Improvement Plan II (PIP-II), FNAL	79,000	79,000	120,000	+41,000	+51.9%
11-SC-40, Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment	171,000	171,000	176,000	+5,000	+2.9%
11-SC-41, Muon to Electron Conversion Experiment, FNAL	2,000	2,000	2,000	+0	+0.0%
Construction - High Energy Physics	252,000	252,000	298,000	+46,000	+18.3%
High Energy Physics	1,046,000	1,029,065	1,122,020	+76,020	+7.3%
Operations and Maintenance - Nuclear Physics	690,700	624,700	719,196	+28,496	+4.1%
20-SC-51, U.S. Stable Isotope Production and Research Center, (SIPRC)	12,000	12,000	0	-12,000	-100.0%
20-SC-52, Electron Ion Collider, BNL	5,000	5,000	20,000	+15,000	+300.0%
14-SC-50, Facility for Rare Isotope Beams, MSU	5,300	5,300	0	-5,300	-100.0%
Construction - Nuclear Physics	22,300	22,300	20,000	-2,300	-10.3%
Nuclear Physics	713,000	647,000	739,196	+26,196	+3.7%
Research - Isotope R&D and Production	0	66,000	85,451	+85,451	+0.0%

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20-SC-51, U.S. Stable Isotope Production and Research Center, ORNL	0	0	12,000	+12,000	N/A
Construction - Isotope R&D and Production	0	0	12,000	+12,000	N/A
Isotope R&D and Production	0	66,000	97,451	+97,451	+0.0%
Research - Accelerator R&D and Production	0	16,935	27,436	+27,436	+0.0%
Accelerator R&D and Production	0	16,935	27,436	+27,436	+0.0%
Workforce Development for Teachers & Scientists	29,000	29,000	41,300	+12,300	+42.4%
Payment In Lieu of Taxes	4,650	4,650	4,891	+241	+5.2%
Oak Ridge Landlord	5,860	5,860	6,559	+699	+11.9%
Oak Ridge Nuclear Operations	26,000	26,000	20,000	-6,000	-23.1%
Facilities and Infrastructure (SLI)	29,790	29,790	15,200	-14,590	-49.0%
21-SC-71, Princeton Plasma Innovation Center, PPPL	150	150	10,000	+9,850	+6,566.7%
21-SC-72, Critical Infrastructure Recovery & Renewal, PPPL	150	150	4,000	+3,850	+2,566.7%
21-SC-73, Ames Infrastructure Modernization	150	150	0	-150	-100.0%
20-SC-71, Critical Utilities Rehabilitation Project, BNL	20,000	20,000	13,000	-7,000	-35.0%
20-SC-72, Seismic and Safety Modernization, LBNL	5,000	5,000	27,500	+22,500	+450.0%
20-SC-73, CEBAF Renovation and Expansion, TJNAF (19-SC-73)	2,000	2,000	2,000	+0	+0.0%
20-SC-74, Craft Resources Support Facility, ORNL (19-SC-74)	25,000	25,000	0	-25,000	-100.0%
20-SC-75, Large Scale Collaboration Center, SLAC (19-SC-75)	11,000	11,000	30,000	+19,000	+172.7%
20-SC-76, Tritium System Demolition and Disposal, PPPL (20-SC-78)	13,000	13,000	0	-13,000	-100.0%
20-SC-77, Argonne Utilities Upgrade, ANL (20-SC-79)	500	500	8,000	+7,500	+1,500.0%
20-SC-78, Linear Assets Modernization Project, LBNL (20-SC-80)	500	500	23,425	+22,925	+4,585.0%
20-SC-79, Critical Utilities Infrastructure Revitalization, SLAC (20-SC-81)	500	500	25,425	+24,925	+4,985.0%
20-SC-80, Utilities Infrastructure Project, FNAL (20-SC-82)	500	500	20,000	+19,500	+3,900.0%
19-SC-71, Science User Support Center, BNL	20,000	20,000	0	-20,000	-100.0%
19-SC-73, Translational Research Capability, ORNL	22,000	22,000	0	-22,000	-100.0%
19-SC-74, Biological & Environmental Program Integration Center (BioEPIC), LBNL	20,000	20,000	45,000	+25,000	+125.0%
18-SC-71, Energy Sciences Capability, PNNL	23,000	23,000	0	-23,000	-100.0%
17-SC-71, Integrated Engineering Research Center, FNAL	10,250	10,250	0	-10,250	-100.0%
Construction - Science Laboratories Infrastructure	173,700	173,700	208,350	+34,650	+19.9%
Science Laboratories Infrastructure	240,000	240,000	255,000	+15,000	+6.3%
Safeguards and Security - SC	121,000	121,000	189,510	+68,510	+56.6%
Program Direction - SC	192,000	192,000	211,211	+19,211	+10.0%
Total, Science	7,026,000	7,026,000	7,799,211	+773,211	+11.0%
Office of Technology Transitions (OTT)					N/A
Technology Transitions Program Office	0	0	8,375	+8,375	N/A
Office of Technology Transitions Program Direction	0	0	13,183	+13,183	N/A
Total, Office of Technology Transitions (OTT)	0	0	21,558	+21,558	N/A
Office of Clean Energy Demonstrations					N/A
Program Direction - OCED	0	0	25,000	+25,000	N/A
Clean Energy Demonstrations	0	0	189,052	+189,052	N/A
Total, Office of Clean Energy Demonstrations	0	0	214,052	+214,052	N/A
Federal Energy Management Program (FEMP)					N/A
Federal Energy Management Program	0	0	38,150	+38,150	N/A
Federal Energy Efficiency Fund	0	0	60,000	+60,000	N/A
Net Zero Lab Initiative Program	0	0	57,000	+57,000	N/A
Program Direction - FEMP	0	0	14,511	+14,511	N/A
Total, Federal Energy Management Program (FEMP)	0	0	169,661	+169,661	N/A
Grid Deployment Office					N/A
Grid Planning & Development	0	0	16,200	+16,200	N/A
Grid Technical Assistance	0	0	29,500	+29,500	N/A
Wholesale Electricity Market TA & Grants	0	0	19,000	+19,000	N/A
Interregional & Offshore Transmission Planning	0	0	20,000	+20,000	N/A
Program Direction - Grid Deployment Office	0	0	5,521	+5,521	N/A
Total, Grid Deployment Office	0	0	90,221	+90,221	N/A
Office of Manufacturing & Energy Supply Chains (MESOC)					N/A
Facility and Workforce Assistance	0	0	18,000	+18,000	N/A
Energy Sector Industrial Base	0	0	3,000	+3,000	N/A
Program Direction - MESOC	0	0	6,424	+6,424	N/A
Total, Office of Manufacturing & Energy Supply Chains (MESOC)	0	0	27,424	+27,424	N/A
Office of State and Community Programs (SCEP)					N/A
Weatherization Assistance Program (SCEP)	0	0	502,170	+502,170	N/A

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State Energy Program Grants (SCEP)	0	0	70,000	+70,000	N/A
Energy Future Grants (SCEP)	0	0	105,000	+105,000	N/A
Community Programs	0	0	25,000	+25,000	N/A
Program Direction - SCEP	0	0	24,727	+24,727	N/A
Total, Office of State and Community Programs (SCEP)	0	0	726,897	+726,897	N/A
Advanced Research Projects Agency - Energy					
ARPA-E Projects	392,000	392,000	643,000	+251,000	+64.0%
Program Direction - ARPA-E	35,000	35,000	57,150	+22,150	+63.3%
Total, Advanced Research Projects Agency - Energy	427,000	427,000	700,150	+273,150	+64.0%
Nuclear Waste Fund Oversight					
Interim Storage	20,000	20,000	10,205	-9,795	-49.0%
Oversight Activities Nuclear Waste Disposal	7,500	7,500	0	-7,500	-100.0%
Total, Nuclear Waste Fund Oversight	27,500	27,500	10,205	-17,295	-62.9%
Departmental Administration					
Office of the Secretary	5,582	5,582	6,642	+1,060	+19.0%
Congressional & Intergovernmental Affairs	5,000	5,000	7,142	+2,142	+42.8%
Office of the Chief Financial Officer	53,590	53,590	62,283	+8,693	+16.2%
Economic Impact & Diversity	10,169	10,169	34,140	+23,971	+235.7%
Office of International Affairs	26,825	26,825	62,141	+35,316	+131.7%
Chief Information Officer	140,200	140,200	233,731	+93,531	+66.7%
Artificial Intelligence and Technology Office	2,500	2,500	2,608	+108	+4.3%
Other Departmental Administration	141,662	141,662	219,789	+78,127	+55.2%
Strategic Partnership Projects	40,000	40,000	40,000	+0	+0.0%
Miscellaneous Revenues	-93,378	-93,378	-100,578	-7,200	+7.7%
Strategic Partnership Projects and Revenues	-53,378	-53,378	-60,578	-7,200	+13.5%
Defense-Related Administrative Support	-183,789	-183,789	-170,695	+13,094	-7.1%
Office of Technology Transitions (DA)	17,639	17,639	0	-17,639	-100.0%
Total, Departmental Administration	166,000	166,000	397,203	+231,203	+139.3%
Indian Energy Policy and Programs					
Indian Energy Policy & Programs	17,000	17,000	129,736	+112,736	+663.2%
Program Direction - Indian Energy Program	5,000	5,000	20,303	+15,303	+306.1%
Total, Indian Energy Policy and Programs	22,000	22,000	150,039	+128,039	+582.0%
Inspector General					
Program Direction - Office of Inspector General	57,739	57,739	106,808	+49,069	+85.0%
Total, Inspector General	57,739	57,739	106,808	+49,069	+85.0%
Credit Programs					
Title 17 Innovative Technology Loan Guarantee Program					
Loan Guarantee Program	32,000	32,000	0	-32,000	-100.0%
Administrative Expenses	0	0	66,206	+66,206	N/A
Title XVII Loan Guarantee Credit Subsidy	0	0	150,000	+150,000	N/A
Offsetting Collections - Title 17 Innovative Technology Loan Guarantee Program	-3,000	-3,000	-48,000	-45,000	+1,500.0%
Total, Title 17 Innovative Technology Loan Guarantee Program	29,000	29,000	168,206	+139,206	+480.0%
Advanced Technology Vehicles Manufacturing Loan Program					
Administrative Expenses	0	0	9,800	+9,800	N/A
Advanced Technology Vehicle Manufacturing Loan Program	5,000	5,000	0	-5,000	-100.0%
Total, Advanced Technology Vehicles Manufacturing Loan Program	5,000	5,000	9,800	+4,800	+96.0%
Tribal Energy Loan Guarantee Program					
Administrative Expenses - Tribal Energy Loan Guarantee Program	2,000	2,000	1,860	-140	-7.0%
Total, Tribal Energy Loan Guarantee Program	2,000	2,000	1,860	-140	-7.0%
Total, Credit Programs	36,000	36,000	179,866	+143,866	+399.6%
Total, National Nuclear Security Administration					
Weapons Activities					
B61-12 Life Extension Program	815,710	815,710	672,019	-143,691	-17.6%
W88 ALT 370	256,922	256,922	162,057	-94,865	-36.9%
W80-4 Life Extension Program	1,000,314	1,000,314	1,122,451	+122,137	+12.2%
W87-1 Modification Program	541,000	541,000	680,127	+139,127	+25.7%
W93 Program	53,000	53,000	240,509	+187,509	+353.8%
Stockpile Major Modernization	2,666,946	2,666,946	2,877,163	+210,217	+7.9%
Stockpile Sustainment	998,357	998,357	1,321,139	+322,782	+32.3%
Weapons Dismantlement and Disposition	56,000	56,000	50,966	-5,034	-9.0%

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	FY 2021	FY 2022	FY 2023	FY 2023 Presidents Budget vs. FY 2021	
	Enacted	Annualized CR	Presidents Budget	Enacted	
	Final	Final	Requested Total	\$	%
Production Operations	568,941	568,941	630,894	+61,953	+10.9%
Nuclear Enterprise Assurance (NEA/NWDA)	0	0	48,911	+48,911	N/A
Stockpile Management	4,290,244	4,290,244	4,929,073	+638,829	+14.9%
Los Alamos Plutonium Operations	610,599	610,599	767,412	+156,813	+25.7%
21-D-512, Plutonium Pit Production Project, LANL	226,000	226,000	588,234	+362,234	+160.3%
15-D-302, TA-55 Reinvestments Project, Phase 3, LANL	30,000	30,000	30,002	+2	+0.0%
07-D-220-04, Transuranic Liquid Waste Facility, LANL	36,687	36,687	24,759	-11,928	-32.5%
04-D-125, Chemistry and Metallurgy Research Replacement Project, LANL	169,427	169,427	162,012	-7,415	-4.4%
Los Alamos Plutonium Modernization	1,072,713	1,072,713	1,572,419	+499,706	+46.6%
Savannah River Plutonium Operations	200,000	200,000	58,300	-141,700	-70.9%
21-D-511, Savannah River Plutonium Processing Facility, SRS	241,896	241,896	700,000	+458,104	+189.4%
Savannah River Plutonium Modernization	441,896	441,896	758,300	+316,404	+71.6%
Enterprise Plutonium Support	90,782	90,782	88,993	-1,789	-2.0%
Plutonium Modernization	1,605,391	1,605,391	2,419,712	+814,321	+50.7%
High Explosives & Energetics	63,620	63,620	101,380	+37,760	+59.4%
HESE OPCs	3,750	3,750	0	-3,750	-100.0%
23-D-516, Energetic Materials Characterization Facility, LANL	0	0	19,000	+19,000	N/A
21-D-510, HE Synthesis, Formulation, and Production, PX	31,000	31,000	108,000	+77,000	+248.4%
15-D-301, HE Science & Engineering Facility, PX	43,000	43,000	20,000	-23,000	-53.5%
HE & Energetics	141,370	141,370	248,380	+107,010	+75.7%
Primary Capability Modernization	1,746,761	1,746,761	2,668,092	+921,331	+52.7%
Uranium Sustainment	242,732	242,732	0	-242,732	-100.0%
BY23 Uranium Modernization	0	0	297,531	+297,531	N/A
Process Technology Development	63,957	63,957	0	-63,957	-100.0%
Depleted Uranium Modernization	110,915	110,915	170,171	+59,256	+53.4%
Lithium Modernization	39,400	39,400	68,661	+29,261	+74.3%
18-D-690, Lithium Processing Facility, Y-12	109,405	109,405	216,886	+107,481	+98.2%
06-D-141, Uranium Processing Facility, Y-12	750,000	750,000	362,000	-388,000	-51.7%
Secondary Capability Modernization	1,316,409	1,316,409	1,115,249	-201,160	-15.3%
Tritium Sustainment and Modernization	312,109	312,109	361,797	+49,688	+15.9%
Domestic Uranium Enrichment	70,000	70,000	144,852	+74,852	+106.9%
HEU Downblend	90,000	90,000	0	-90,000	-100.0%
Uranium Reserve - NA	75,000	75,000	0	-75,000	-100.0%
18-D-650, Tritium Finishing Facility, SRS	27,000	27,000	73,300	+46,300	+171.5%
Tritium and Domestic Uranium Enrichment	574,109	574,109	579,949	+5,840	+1.0%
Non-Nuclear Capability Modernization	107,137	107,137	123,084	+15,947	+14.9%
Total, Non-Nuclear Capability Modernization	107,137	107,137	123,084	+15,947	+14.9%
Capabilities Based Investments	149,117	149,117	154,220	+5,103	+3.4%
Planning for Programmatic Construction (Pre-CD-1)	10,000	10,000	0	-10,000	-100.0%
Production Modernization	3,903,533	3,903,533	4,640,594	+737,061	+18.9%
Primary Assessment Technologies	150,000	150,000	154,507	+4,507	+3.0%
Dynamic Materials Properties	130,981	130,981	124,366	-6,615	-5.1%
Advanced Diagnostics	35,989	35,989	31,064	-4,925	-13.7%
Secondary Assessment Technologies	84,000	84,000	72,104	-11,896	-14.2%
Enhanced Capabilities for Subcritical Experiments	215,579	215,579	277,225	+61,646	+28.6%
Hydrodynamic and Subcritical Experiment Execution Support	152,845	152,845	142,402	-10,443	-6.8%
17-D-640, U1a Complex Enhancements Project, NNSS	160,600	160,600	53,130	-107,470	-66.9%
Assessment Science	929,994	929,994	854,798	-75,196	-8.1%
Archiving and Support	45,760	45,760	43,950	-1,810	-4.0%
Delivery Environments	39,235	39,235	37,674	-1,561	-4.0%
Weapons Survivability	59,500	59,500	93,303	+33,803	+56.8%
Studies and Assessments	0	0	5,000	+5,000	N/A
Aging and Lifetimes	62,260	62,260	59,682	-2,578	-4.1%
Stockpile Responsiveness	70,000	70,000	68,742	-1,258	-1.8%
Advanced Certification and Qualification	60,649	60,649	58,104	-2,545	-4.2%
Engineering and Integrated Assessments	337,404	337,404	366,455	+29,051	+8.6%
Inertial Confinement Fusion	575,000	575,000	544,095	-30,905	-5.4%
Advanced Simulation and Computing	732,014	732,014	742,646	+10,632	+1.5%
Surety Technologies	54,365	54,365	51,497	-2,868	-5.3%
Weapon Technology Development	131,692	131,692	121,330	-10,362	-7.9%
Advanced Manufacturing Development	111,908	111,908	113,338	+1,430	+1.3%
Weapons Technology and Manufacturing Maturation	297,965	297,965	286,165	-11,800	-4.0%
Academic Programs	101,912	101,912	100,499	-1,413	-1.4%
Stockpile Research, Technology, and Engineering	2,974,289	2,974,289	2,894,658	-79,631	-2.7%
Operations of Facilities	1,014,000	1,014,000	1,038,000	+24,000	+2.4%
Safety and Environmental Operations	165,354	165,354	162,000	-3,354	-2.0%
Maintenance and Repair of Facilities	667,000	667,000	680,000	+13,000	+1.9%

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	FY 2021	FY 2022	FY 2023	FY 2023 Presidents Budget vs. FY 2021	
	Enacted	Annualized CR	Presidents Budget	Enacted	
	Final	Final	Requested Total	\$	%
Infrastructure and Safety	573,717	573,717	561,663	-12,054	-2.1%
Recapitalization	573,717	573,717	561,663	-12,054	-2.1%
Operating	2,420,071	2,420,071	2,441,663	+21,592	+0.9%
18-D-620, Exascale Computing Facility Modernization Project, LLNL	29,200	29,200	0	-29,200	-100.0%
Programmatic	29,200	29,200	0	-29,200	-100.0%
23-D-519, Special Material Facility, Y-12	0	0	49,500	+49,500	N/A
23-D-518 Plutonium Modernization Operations & Waste Management Office Bldg, LANL	0	0	48,500	+48,500	N/A
23-D-517 Electrical Power Capacity Upgrade, LANL	0	0	24,000	+24,000	N/A
22-D-514 Digital Infrastructure Capability Expansion, LLNL	0	0	67,300	+67,300	N/A
19-D-670, 138kV Power Transmission System Replacement, NNSS	59,000	59,000	0	-59,000	-100.0%
15-D-612, Emergency Operations Center, LLNL	27,000	27,000	0	-27,000	-100.0%
15-D-611, Emergency Operations Center, SNL	36,000	36,000	0	-36,000	-100.0%
Mission Enabling	122,000	122,000	189,300	+67,300	+55.2%
I&O - Construction	151,200	151,200	189,300	+38,100	+25.2%
Infrastructure and Operations	2,571,271	2,571,271	2,630,963	+59,692	+2.3%
STA Operations and Equipment	225,000	225,000	214,367	-10,633	-4.7%
Program Direction - STA - Federal Support	123,684	123,684	130,070	+6,386	+5.2%
Secure Transportation Asset	348,684	348,684	344,437	-4,247	-1.2%
Operations and Maintenance - DNS	763,078	763,078	878,363	+115,285	+15.1%
Construction - Defense Nuclear Security	26,000	26,000	3,928	-22,072	-84.9%
Defense Nuclear Security (DNS)	789,078	789,078	882,291	+93,213	+11.8%
Information Technology and Cyber Security	366,233	366,233	445,654	+79,421	+21.7%
Legacy Contractor Pensions and Settlement Payments (WA)	101,668	101,668	114,632	+12,964	+12.8%
Use of Prior Year Balances	0	0	-396,004	-396,004	N/A
Total, Weapons Activities	15,345,000	15,345,000	16,486,298	+1,141,298	+7.4%
Defense Nuclear Nonproliferation					
Conversion (formerly HEU Reactor Conversion)	110,000	110,000	153,260	+43,260	+39.3%
Nuclear Material Removal	40,000	40,000	41,600	+1,600	+4.0%
Material Disposition	190,711	190,711	256,025	+65,314	+34.2%
Laboratory and Partnership Support	60,000	60,000	0	-60,000	-100.0%
Material Management and Minimization	400,711	400,711	450,885	+50,174	+12.5%
International Nuclear Security	78,939	78,939	81,155	+2,216	+2.8%
Domestic Radiological Security	185,000	185,000	0	-185,000	-100.0%
International Radiological Security	90,000	90,000	0	-90,000	-100.0%
Radiological Security	0	0	244,827	+244,827	N/A
Nuclear Smuggling Detection and Deterrence	175,000	175,000	178,095	+3,095	+1.8%
Global Material Security	528,939	528,939	504,077	-24,862	-4.7%
Nonproliferation & Arms Control	148,000	148,000	207,656	+59,656	+40.3%
Proliferation Detection R&D	255,000	255,000	287,283	+32,283	+12.7%
Nuclear Detonation Detection	267,000	267,000	279,205	+12,205	+4.6%
Nonproliferation Fuels Development	20,000	20,000	0	-20,000	-100.0%
Forensics R&D	40,000	40,000	44,414	+4,414	+11.0%
Nonproliferation Stewardship Program	59,900	59,900	109,343	+49,443	+82.5%
Defense Nuclear Nonproliferation R&D	641,900	641,900	720,245	+78,345	+12.2%
NNSA Bioassurance Program	0	0	20,000	+20,000	N/A
18-D-150, Surplus Plutonium Disposition Project, SRS	148,589	148,589	71,764	-76,825	-51.7%
Nonproliferation Construction	148,589	148,589	71,764	-76,825	-51.7%
Emergency Operations	36,000	36,000	29,896	-6,104	-17.0%
C002982-Counterterrorism and Counterproliferation	0	0	409,074	+409,074	N/A
Counterterrorism and Counterproliferation	341,513	341,513	0	-341,513	-100.0%
Nuclear Counterterrorism & Incident Response	377,513	377,513	438,970	+61,457	+16.3%
Legacy Contractor Pensions and Settlement Payments - DNN	14,348	14,348	55,708	+41,360	+288.3%
Use of Prior Year Balances	0	0	-123,048	-123,048	N/A
Total, Defense Nuclear Nonproliferation	2,260,000	2,260,000	2,346,257	+86,257	+3.8%
Naval Reactors					
Naval Reactors Development	568,000	568,000	798,590	+230,590	+40.6%
Columbia-Class Reactor Systems Development	64,700	64,700	53,900	-10,800	-16.7%
S8G Prototype Refueling	135,000	135,000	20,000	-115,000	-85.2%
Naval Reactors Operations and Infrastructure	530,600	530,600	695,165	+164,565	+31.0%
Program Direction - Naval Reactors	51,700	51,700	58,525	+6,825	+13.2%
23-D-533 BL Component Test Complex	0	0	57,420	+57,420	N/A
21-D-530 KL Steam and Condensate Upgrades	4,000	4,000	0	-4,000	-100.0%
14-D-901 Spent Fuel Handling Recapitalization Project, NRF	330,000	330,000	397,845	+67,845	+20.6%
Construction - Naval Reactors	334,000	334,000	455,265	+121,265	+36.3%
Total, Naval Reactors	1,684,000	1,684,000	2,081,445	+397,445	+23.6%
Federal Salaries and Expenses					
Program Direction - National Nuclear Security Administration	443,200	443,200	513,200	+70,000	+15.8%

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	FY 2021 Enacted Final	FY 2022 Annualized CR Final	FY 2023 Presidents Budget Requested Total	FY 2023 Presidents Budget vs. FY 2021 Enacted	
				\$	%
Use of Prior Year Balances	0	0	-16,800	-16,800	N/A
Total, Federal Salaries and Expenses	443,200	443,200	496,400	+53,200	+12.0%
Total, National Nuclear Security Administration	19,732,200	19,732,200	21,410,400	+1,678,200	+8.5%
Defense Environmental Cleanup					
Closure Sites Administration	4,987	4,987	4,067	-920	-18.4%
Central Plateau Remediation	670,000	670,000	650,240	-19,760	-2.9%
River Corridor and Other Cleanup Operations	232,479	232,479	135,000	-97,479	-41.9%
Richland Community and Regulatory Support	8,621	8,621	10,013	+1,392	+16.1%
18-D-404 Modification of Waste Encapsulation and Storage Facility	15,000	15,000	3,100	-11,900	-79.3%
22-D-401 L-888, 400 Area Fire Station	0	0	3,100	+3,100	N/A
22-D-402 L-897, 200 Area Water Treatment Facility	0	0	8,900	+8,900	N/A
23-D-404 181D Export Water System Reconfiguration and Upgrade	0	0	6,770	+6,770	N/A
23-D-405 181B Export Water System Reconfiguration and Upgrade	0	0	480	+480	N/A
Construction - Richland	15,000	15,000	22,350	+7,350	+49.0%
Richland	926,100	926,100	817,603	-108,497	-11.7%
Waste Treatment Immobilization Plant Commissioning	50,000	50,000	462,700	+412,700	+825.4%
Rad Liquid Tank Waste Stabilization and Disposition	784,000	784,000	801,100	+17,100	+2.2%
23-D-403, Hanford 200 West Area Tank Farms Risk Management Project	0	0	4,408	+4,408	N/A
18-D-16 Waste treatment and immobilization plant - LBL/Direct Feed LAW	786,000	786,000	0	-786,000	-100.0%
01-D-16D High-Level Waste Facility	25,000	25,000	316,200	+291,200	+1,164.8%
01-D-16E Pretreatment Facility	0	0	20,000	+20,000	N/A
Construction - Office of River Protection	811,000	811,000	340,608	-470,392	-58.0%
Office of River Protection (ORP)	1,645,000	1,645,000	1,604,408	-40,592	-2.5%
Idaho Cleanup and Waste Disposition	430,000	430,000	350,658	-79,342	-18.5%
22-D-403 Idaho Spent Nuclear Fuel Staging Facility	0	0	8,000	+8,000	N/A
22-D-404 Additional ICDF Landfill Disposal Cell and Evaporation Ponds Project	0	0	8,000	+8,000	N/A
23-D-402 - Calcine Construction	0	0	10,000	+10,000	N/A
Construction - Idaho	0	0	26,000	+26,000	N/A
Idaho Community and Regulatory Support	3,500	3,500	2,705	-795	-22.7%
Idaho National Laboratory (INL)	433,500	433,500	379,363	-54,137	-12.5%
Lawrence Livermore National Laboratory (LLNL)	1,764	1,764	1,842	+78	+4.4%
LLNL Excess Facilities D&D	35,000	35,000	12,004	-22,996	-65.7%
Los Alamos National Laboratory (LANL)	226,000	226,000	286,316	+60,316	+26.7%
Los Alamos Excess Facilities D&D	0	0	40,519	+40,519	N/A
Nevada Site	60,737	60,737	62,652	+1,915	+3.2%
Separations Processing Research Unit	15,000	15,000	15,300	+300	+2.0%
Sandia National Laboratory (SNL)	4,860	4,860	4,003	-857	-17.6%
NNSA Sites and Nevada Off-Sites	343,361	343,361	422,636	+79,275	+23.1%
U233 Disposition Program	55,000	55,000	47,628	-7,372	-13.4%
OR Cleanup Disposition	112,471	112,471	62,000	-50,471	-44.9%
OR Nuclear Facility D&D	254,132	254,132	334,221	+80,089	+31.5%
OR Technology Development and Deployment	5,000	5,000	3,000	-2,000	-40.0%
OR Community and Regulatory Support	5,900	5,900	5,300	-600	-10.2%
14-D-403 Outfall 200 Mercury Treatment Facility	20,500	20,500	0	-20,500	-100.0%
17-D-401 On-site Waste Disposal Facility	22,380	22,380	35,000	+12,620	+56.4%
Construction - Oak Ridge	42,880	42,880	35,000	-7,880	-18.4%
Oak Ridge (OR)	475,383	475,383	487,149	+11,766	+2.5%
SR-0011C NM Stabilization and Disposition	349,724	349,724	270,461	-79,263	-22.7%
SR-0013 Solid Waste Stabilization and Disposition	50,071	50,071	45,509	-4,562	-9.1%
SR-0030 Soil and Water Remediation	56,412	56,412	60,455	+4,043	+7.2%
SR-0041: Risk Reduction Deactivation and Surveillance	27,264	27,264	21,463	-5,801	-21.3%
SR-0042: Infrastructure and Land Management	16,529	16,529	18,429	+1,900	+11.5%
Savannah River Risk Management Operations	500,000	500,000	416,317	-83,683	-16.7%
18-D-402 Emergency Operations Center Replacement, SR	6,500	6,500	25,568	+19,068	+293.4%
19-D-701 SR Security Systems Replacement	1,000	1,000	5,000	+4,000	+400.0%
20-D-402 Advanced Manufacturing Collaborative Facility (AMC)	25,000	25,000	0	-25,000	-100.0%
Construction - Savannah River Sites	32,500	32,500	30,568	-1,932	-5.9%
Savannah River Legacy Pensions	0	0	132,294	+132,294	N/A
Savannah River National Laboratory O&M	0	0	41,000	+41,000	N/A
SR Community and Regulatory Support	11,549	11,549	12,137	+588	+5.1%
Radioactive Liquid Tank Waste Stabilization	910,832	910,832	851,660	-59,172	-6.5%
20-D-401 Saltstone Disposal Unit #10, 11, 12	562	562	37,668	+37,106	+6,602.5%
18-D-402 Saltstone disposal unit #8/9	65,500	65,500	49,832	-15,668	-23.9%
17-D-402 Saltstone Disposal Unit #7	10,716	10,716	0	-10,716	-100.0%
Construction - Radioactive Liquid Tank Waste	76,778	76,778	87,500	+10,722	+14.0%
Savannah River Sites	1,531,659	1,531,659	1,571,476	+39,817	+2.6%

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Waste Isolation Pilot Plant (WIPP)	313,260	313,260	371,943	+58,683	+18.7%
21-D-401 Hoisting Capability Project	10,000	10,000	0	-10,000	-100.0%
15-D-411 Safety Significant Confinement Ventilation System, WIPP	35,000	35,000	59,073	+24,073	+68.8%
15-D-412 Exhaust Shaft, WIPP	55,000	55,000	25,000	-30,000	-54.5%
Construction - Waste Isolation Pilot Plant	100,000	100,000	84,073	-15,927	-15.9%
Total Waste Isolation Pilot Plant	413,260	413,260	456,016	+42,756	+10.3%
Program Direction - Defense Environmental Cleanup	289,000	289,000	317,002	+28,002	+9.7%
Program Support - Defense Environmental Cleanup	12,979	12,979	103,239	+90,260	+695.4%
Safeguards and Security - Defense Environmental Cleanup	320,771	320,771	309,573	-11,198	-3.5%
Technology Development and Deployment	30,000	30,000	25,000	-5,000	-16.7%
Federal Contribution to the Uranium Enrichment D&D Fund	0	0	417,000	+417,000	N/A
Total, Defense Environmental Cleanup	6,426,000	6,426,000	6,914,532	+488,532	+7.6%
Other Defense Activities					
Defense-Related Administrative Support	183,789	183,789	170,695	-13,094	-7.1%
Legacy Management Activities - Defense	142,797	142,797	174,163	+31,366	+22.0%
Program Direction - Legacy Management	20,262	20,262	21,983	+1,721	+8.5%
Legacy Management	163,059	163,059	196,146	+33,087	+20.3%
Program Direction - Office of Enterprise Assessments	54,635	54,635	57,941	+3,306	+6.1%
Enterprise Assessments	24,435	24,435	27,486	+3,051	+12.5%
Office of Enterprise Assessments	79,070	79,070	85,427	+6,357	+8.0%
Program Direction - Environment, Health, Safety and Security	72,000	72,000	76,685	+4,685	+6.5%
Environment, Health, Safety & Security	134,320	134,320	138,854	+4,534	+3.4%
Environment, Health, Safety, and Security	206,320	206,320	215,539	+9,219	+4.5%
Specialized Security Activities	283,500	283,500	306,067	+22,567	+8.0%
Office Of Hearings And Appeals	4,262	4,262	4,477	+215	+5.0%
Total, Other Defense Activities	920,000	920,000	978,351	+58,351	+6.3%
Total, Power Marketing Administrations					
Southeastern Power Administration					
Purchase Power and Wheeling - SEPA	66,163	66,163	92,687	+26,524	+40.1%
Program Direction - SEPA	11,246	11,246	8,273	-2,973	-26.4%
Offsetting collections (for PD) - SEPA	-7,246	-7,246	-8,173	-927	+12.8%
Offsetting collections (for PPW) - SEPA	-52,000	-52,000	-78,696	-26,696	+51.3%
Offsetting Collections - SEPA	-59,246	-59,246	-86,869	-27,623	+46.6%
Less alternative financing (for PD) - SEPA	-4,000	-4,000	-100	+3,900	-97.5%
Less alternative financing (for PPW) - SEPA	-14,163	-14,163	-13,991	+172	-1.2%
Less alternative financing - SEPA	-18,163	-18,163	-14,091	+4,072	-22.4%
Total, Southeastern Power Administration	0	0	0	+0	+0.0%
Southwestern Power Administration					
Operation And Maintenance - SWPA	13,292	13,292	15,517	+2,225	+16.7%
Construction - SWPA	13,267	13,267	16,035	+2,768	+20.9%
Purchase Power And Wheeling - SWPA	54,000	54,000	93,000	+39,000	+72.2%
Program Direction - SWPA	35,635	35,635	38,250	+2,615	+7.3%
Subtotal, SWPA	116,194	116,194	162,802	+46,608	+40.1%
Offsetting Collections (for O&M) - SWPA	-5,657	-5,657	-7,998	-2,341	+41.4%
Offsetting Collections (for PD) - SWPA	-31,483	-31,483	-34,882	-3,399	+10.8%
Offsetting Collections (for PPW) - SWPA	-34,000	-34,000	-70,000	-36,000	+105.9%
Offsetting Collections - SWPA	-71,140	-71,140	-112,880	-41,740	+58.7%
Less alternative financing (for O&M) - SWPA	-5,635	-5,635	-5,279	+356	-6.3%
Less alternative financing (for Construction) - SWPA	-8,167	-8,167	-11,035	-2,868	+35.1%
Less alternative financing (for PPW) - SWPA	-20,000	-20,000	-23,000	-3,000	+15.0%
Less alternative financing (for PD) - SWPA	-852	-852	0	+852	-100.0%
Less alternative financing - SWPA	-34,654	-34,654	-39,314	-4,660	+13.4%
Total, Southwestern Power Administration	10,400	10,400	10,608	+208	+2.0%
Western Area Power Administration					
Operation And Maintenance - CROM	77,874	77,874	85,229	+7,355	+9.4%
Construction And Rehabilitation - CROM	26,251	26,251	47,189	+20,938	+79.8%
Purchase Power And Wheeling - CROM	485,890	485,890	548,405	+62,515	+12.9%
Program Direction - CROM	253,575	253,575	276,287	+22,712	+9.0%
Construction, Rehabilitation, Operation, and Maintenance (CROM) - WP	843,590	843,590	957,110	+113,520	+13.5%
Less alternative financing (for O&M) - CROM	-6,297	-6,297	-7,641	-1,344	+21.3%
Less alternative financing (for Construction) - CROM	-20,353	-20,353	-38,219	-17,866	+87.8%
Less alternative financing (for PPW) - CROM	-293,890	-293,890	-275,322	+18,568	-6.3%
Less alternative financing (for PD) - CROM	-48,546	-48,546	-54,868	-6,322	+13.0%
Less alternative financing - CROM	-369,086	-369,086	-376,050	-6,964	+1.9%
Purchase Power & Wheeling Financed from Offsetting (P.L. 108-447/109-103)	-192,000	-192,000	0	+192,000	-100.0%

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Offsetting Collections - Colorado River Dam (P.L. 98-381)	-8,378	-8,378	-9,404	-1,026	+12.2%
Offsetting Collections (for O&M) - CROM	-24,744	-24,744	-29,180	-4,436	+17.9%
Offsetting Collections (for PPW) - CROM	0	0	-273,083	-273,083	N/A
Offsetting Collections (for PD) - CROM	-145,010	-145,010	-170,661	-25,651	+17.7%
Offsetting Collections - CROM	-370,132	-370,132	-482,328	-112,196	+30.3%
Use of Prior Year Balances	-15,000	-15,000	0	+15,000	-100.0%
Total, Western Area Power Administration	89,372	89,372	98,732	+9,360	+10.5%
Falcon and Amistad Operating and Maintenance Fund					
Falcon And Amistad Operation And Maintenance	7,302	7,302	7,928	+626	+8.6%
Offsetting Collections - Falcon and Amistad Fund	-5,548	-5,548	-6,102	-554	+10.0%
Less alternative financing - Falcon and Amistad Fund	-1,526	-1,526	-1,598	-72	+4.7%
Total, Falcon and Amistad Operating and Maintenance Fund	228	228	228	+0	+0.0%
Colorado River Basins Power Marketing Fund					
Program Direction - Colorado River Basins Fund	70,316	70,316	0	-70,316	-100.0%
Equipment, Contracts and Related Expenses - Colorado River Basins Fund	174,731	174,731	0	-174,731	-100.0%
Colorado River Basins Fund - 9000866	0	0	258,466	+258,466	N/A
Colorado River Basins Fund	245,047	245,047	258,466	+13,419	+5.5%
Offsetting collections - CRBPMF	-266,447	-266,447	-267,034	-587	+0.2%
Total, Colorado River Basins Power Marketing Fund	-21,400	-21,400	-8,568	+12,832	-60.0%
Total, Power Marketing Administration	78,600	78,600	101,000	+22,400	+28.5%
Federal Energy Regulatory Commission					
FERC Revenues	-404,350	-404,350	-508,400	-104,050	+25.7%
Just and Reasonable Rates, Terms, and Conditions	182,261	182,261	226,921	+44,660	+24.5%
Safe, Reliable, Secure, & Efficient Infrastructure	142,757	142,757	172,762	+30,005	+21.0%
Mission Support through Organizational Excellence	79,332	79,332	108,717	+29,385	+37.0%
Offset Funding	0	0	0	+0	N/A
Total, Federal Energy Regulatory Commission	0	0	0	0	+0.0%
Excess Fees and Recoveries, FERC	-9,000	-9,000	-9,000	+0	+0.0%
Title XVII Loan Guar. Prog Section 1703 Negative Credit Subsidy Receipt	0	0	-7,000	-7,000	N/A
UED&D Fund Offset	0	0	-417,000	-417,000	N/A
Total DOE	41,892,625	41,892,625	48,183,541	+6,290,916	+15.0%
Discretionary Summary by Appropriation					
Defense (050): NNSA					
Weapons Activities	15,345,000	15,345,000	16,486,298	+1,141,298	+7.4%
Defense Nuclear Nonproliferation	2,260,000	2,260,000	2,346,257	+86,257	+3.8%
Naval Reactors	1,684,000	1,684,000	2,081,445	+397,445	+23.6%
Federal Salaries and Expenses	443,200	443,200	496,400	+53,200	+12.0%
Defense (050): Non-NNSA					
Other Defense Activities	920,000	920,000	978,351	+58,351	+6.3%
Defense Environmental Cleanup	6,426,000	6,426,000	6,914,532	+488,532	+7.6%
Nuclear Energy (050)	149,800	149,800	156,600	+6,800	+4.5%
Total Defense (050)	27,228,000	27,228,000	29,459,883	+2,231,883	+8.2%
Non-Defense (Non-050): Science (250)					
Science	7,026,000	7,026,000	7,799,211	+773,211	+11.0%
Non-Defense (Non-050): Energy (270)					
Energy Efficiency and Renewable Energy	2,861,760	2,861,760	4,018,885	+1,157,125	+40.4%
Electricity	211,720	211,720	297,386	+85,666	+40.5%
Cybersecurity, Energy Security and Emergency Response	156,000	156,000	202,143	+46,143	+29.6%
Nuclear Energy (270)	1,357,800	1,357,800	1,518,460	+160,660	+11.8%
Fossil Energy and Carbon Management	750,000	750,000	893,160	+143,160	+19.1%
Strategic Petroleum Reserve	188,000	188,000	214,175	+26,175	+13.9%
Naval Petroleum and Oil Shale Reserve	13,006	13,006	13,004	-2	+0.0%
Strategic Petroleum Reserve Petroleum Account	1,000	1,000	8,000	+7,000	+700.0%
Northeast Home Heating Oil Reserve	6,500	6,500	7,000	+500	+7.7%
Uranium Enrichment Decontamination and Decommissioning (D&D)	841,000	841,000	822,421	-18,579	-2.2%
Energy Information Administration	126,800	126,800	144,480	+17,680	+13.9%
Non-Defense Environmental Cleanup	319,200	319,200	323,249	+4,049	+1.3%
Advanced Research Projects Agency - Energy	427,000	427,000	700,150	+273,150	+64.0%
Departmental Administration	166,000	166,000	397,203	+231,203	+139.3%
Indian Energy Policy and Programs	22,000	22,000	150,039	+128,039	+582.0%
Inspector General	57,739	57,739	106,808	+49,069	+85.0%
Title 17 Innovative Technology Loan Guarantee Program	29,000	29,000	168,206	+139,206	+480.0%
Advanced Technology Vehicles Manufacturing Loan Program	5,000	5,000	9,800	+4,800	+96.0%
Tribal Energy Loan Guarantee Program	2,000	2,000	1,860	-140	-7.0%

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Southwestern Power Administration	10,400	10,400	10,608	+208	+2.0%
Western Area Power Administration	89,372	89,372	98,732	+9,360	+10.5%
Falcon and Amistad Operating and Maintenance Fund	228	228	228	+0	+0.0%
Colorado River Basins Power Marketing Fund	-21,400	-21,400	-8,568	+12,832	-60.0%
Federal Energy Regulatory Commission	0	0	0	+0	+0.0%
Office of Technology Transitions (OTT)	0	0	21,558	+21,558	N/A
Office of Clean Energy Demonstrations	0	0	214,052	+214,052	N/A
Nuclear Waste Fund Oversight	27,500	27,500	10,205	-17,295	-62.9%
Departmental Offsets	-9,000	-9,000	-433,000	-424,000	+4,711.1%
Federal Energy Management Program (FEMP)	0	0	169,661	+169,661	N/A
Grid Deployment Office	0	0	90,221	+90,221	N/A
Office of Manufacturing & Energy Supply Chains (MESCC)	0	0	27,424	+27,424	N/A
Office of State and Community Programs (SCEP)	0	0	726,897	+726,897	N/A
Non-Defense (Non-050)	14,664,625	14,664,625	18,723,658	+4,059,033	+27.7%
Total DOE	41,892,625	41,892,625	48,183,541	+6,290,916	+15.0%

(1) The FY 2021 and FY 2022 Continuing Resolution entries for Title 17 and ATVM do not reflect rescissions of prior year emergency balances enacted in Public Law 116-260. Including the rescissions, the final amounts for Title 17 and ATVM would be -\$363 million and -\$1,903 million, respectively.

(2) In the FY 2023 Request, Defense Uranium Decontamination and Decommissioning is requested within the Defense Environmental Cleanup Appropriation.