DOE/CF-0157

Department of Energy

FY 2020 Congressional Budget Request

Laboratory Tables

Preliminary

March 2019

Office of Chief Financial Officer

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Department of Energy
FY 2020 Congressional Budget Request

Laboratory Tables
Preliminary

The numbers depicted in this document represent the gross level of DOE budget authority for the years displayed. The figures include discretionary and supplemental funding. They do not consider revenues/receipts, use of prior year balances, deferrals, rescissions, or other adjustments appropriated as offsets to the DOE appropriations by the Congress.

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Page Number	Laboratory / Facility Index	FY 2018 Total Enacted*	FY 2019 Enacted	FY 2020 Request
1	Advanced Photon Source	$18,878	$40,878	$44,100
2	Ames Laboratory	$57,944	$47,237	$20,479
3	Ames Site Office	$645	$658	$676
4	Argonne National Laboratory	$756,019	$823,712	$766,208
7	Argonne Site Office	$4,327	$4,415	$4,270
8	Bechtel Marine Propulsion Center	$7,000	$7,000	$0
9	Berkeley Site Office	$3,561	$3,588	$3,727
10	Bettis Atomic Power Laboratory	$591,482	$685,949	$600,547
11	Brookhaven National Laboratory	$535,991	$575,075	$497,603
13	Brookhaven Site Office	$4,837	$4,905	$4,589
14	Carlsbad Area Office	$51,146	$84,806	$56,171
15	Chicago Operations Office	$955,514	$913,517	$707,865
16	Consolidated Business Center	$34,400	$34,157	$32,353
17	East Tennessee Technology Park (K25)	$239,552	$236,281	$136,094
18	Energy Technology Engineering Center	$9,000	$11,000	$18,199
19	Fermi National Accelerator Laboratory	$482,825	$546,704	$426,144
20	Fermi Site Office	$2,497	$2,581	$2,490
21	Fernald Environmental Management Project	$1,000	$1,100	$1,100
22	Fernald Site	$11,040	$12,276	$13,231
23	General Atomics Site	$14,700	$0	$0
24	Golden Field Office	$489,463	$519,910	$111,755
25	Grand Junction Office	$37,931	$44,961	$51,531
26	Hanford Site	$937,301	$943,976	$712,977
27	Idaho National Laboratory	$1,362,658	$1,466,695	$1,176,413
30	Idaho Operations Office	$264,862	$240,769	$131,798
32	Kansas City National Security Complex (KCNSC)	$671,101	$753,446	$995,601
33	Kansas City Site Office	$44,998	$7,406	$7,543
34	Knolls Atomic Power Laboratory	$727,075	$740,237	$678,121
35	Lawrence Berkeley National Laboratory	$866,714	$856,638	$615,572
38	Lawrence Livermore National Laboratory	$1,731,320	$1,563,352	$1,841,887
41	Lexington Office	$200	$200	$200
42	Livermore Site Office	$17,973	$18,829	$18,779
43	Los Alamos National Laboratory	$2,405,290	$2,484,741	$2,527,889
46	Los Alamos Site Office	$15,446	$17,665	$17,778
47	Miamisburg Site	$10,000	$0	$0
48	Moab Site	$37,884	$45,000	$35,693
49	Morgantown Office	$16,211	$18,274	$17,737
50	Mound Site	$16,027	$15,027	$13,497
51	National Energy Technology Lab	$760,770	$685,290	$612,384

Page Number	Laboratory / Facility Index	FY 2018 Total Enacted*	FY 2019 Enacted	FY 2020 Request
53	National Renewable Energy Laboratory	$383,786	$332,097	$205,739
55	Naval Petroleum Reserve No 1	$17,600	$9,000	$13,000
56	Naval Petroleum Reserve No 3	$1,600	$0	$0
57	Naval Reactors Laboratory Field Office	$523	$0	$0
58	Naval Research Laboratory	$32,251	$31,416	$24,890
59	Nevada Field Office	$123,888	$131,973	$167,605
60	Nevada National Security Site	$451,676	$388,270	$495,049
61	Nevada Operations Office	$482	$0	$0
62	NNSA Albuquerque Complex	$838,885	$907,323	$658,781
64	NNSA Production Office (NPO)	$72,241	$33,725	$39,070
65	Oak Ridge Institute for Science & Education	$39,436	$19,901	$16,083
67	Oak Ridge National Laboratory	$1,714,199	$1,766,723	$1,376,521
71	Oak Ridge National Laboratory Site Office	$5,465	$5,551	$5,247
72	Oak Ridge Office	$116,371	$206,160	$167,921
74	Oak Ridge Reservation	$71,000	$74,000	$82,000
75	Oak Ridge Reservation (Off-Site)	$5,605	$5,700	$4,819
76	Office of River Protection	$1,496,907	$1,549,678	$1,424,734
77	Office of Scientific & Technical Information	$11,710	$11,238	$10,900
78	Ohio Field Office	$5	$5	$5
79	Pacific Northwest National Laboratory	$642,085	$603,378	$521,085
82	Pacific Northwest Site Office	$4,942	$5,084	$4,987
83	Paducah Gaseous Diffusion Plant	$286,459	$290,049	$288,950
84	Pantex Plant	$795,296	$825,073	$959,439
85	Pinellas Site	$4,070	$5,545	$3,933
86	Portsmouth Gaseous Diffusion Plant	$454,184	$481,506	$431,087
87	Princeton Plasma Physics Laboratory	$108,114	$111,679	$71,077
88	Princeton Site Office	$1,799	$1,862	$1,895
89	Richland Operations Office	$154,808	$116,712	$55,888
90	Rocky Flats Site	$41,259	$36,065	$34,568
91	Sandia National Laboratories	$2,219,792	$2,297,798	$2,400,807
95	Sandia Site Office	$22,644	$22,972	$24,278
96	Savannah River National Laboratory	$6,423	$4,184	$1,100
97	Savannah River Operations Office	$505,586	$431,458	$439,528
99	Savannah River Site	$1,678,906	$1,816,990	$2,232,826
100	Savannah River Site Office	$10	$10	$10
101	Separations Process Research Unit	$4,800	$15,000	$15,300
102	SLAC National Accelerator Laboratory	$527,299	$487,394	$306,917
104	Southeastern Power Administration	$72,449	$75,324	$87,016
105	Southwestern Power Administration	$112,947	$126,876	$156,863

Page Number	Laboratory / Facility Index	FY 2018 Total Enacted*	FY 2019 Enacted	FY 2020 Request
106	SPRO PMO	$8,716	$0	$0
107	Stanford Site Office	$2,708	$2,702	$3,514
108	Strategic Petroleum Reserve - Bayou Choctaw	$14,985	$13,523	$13,785
109	Strategic Petroleum Reserve - Big Hill	$22,879	$22,176	$18,404
110	Strategic Petroleum Reserve - Bryan Mound	$20,144	$25,473	$17,634
111	Strategic Petroleum Reserve - West Hackberry	$23,972	$24,093	$22,481
112	Strategic Petroleum Reserve Project Office	$139,394	$117,637	$89,936
113	Thomas Jefferson National Accelerator Facility	$137,427	$132,805	$132,640
114	Thomas Jefferson Site Office	$1,947	$1,971	$2,165
115	Undesignated Lab/Plant/Installation	$311,076	$228,970	$104,900
116	University of Rochester	$75,000	$80,000	$80,000
117	Washington Headquarters	$4,924,665	$5,692,984	$4,791,223
124	Waste Isolation Pilot Plant	$351,328	$340,797	$363,281
125	Weldon Spring Site Office	$7,482	$2,996	$3,193
126	West Valley Demonstration Project	$78,098	$78,133	$78,411
127	Western Area Power Administration	$676,505	$724,202	$761,498
128	Y-12 National Security Complex	$1,782,045	$1,860,765	$1,941,691
129	Y-12 Site Office	$40,113	$38,020	$34,906
	Total Department Of Energy	$35,841,568	$37,073,221	$34,092,581

* Includes Supplemental Funding.

Advanced Photon Source	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Office of Indian Energy Policy and Programs			
Program direction			
Program direction	$0	$4,800	$3,521
Tribal Energy Program			
Tribal Energy Program	$0	$13,200	$4,479
Total Office of Indian Energy Policy and Programs	$0	$18,000	$8,000
Departmental Administration			
Program Direction			
Program Direction	$18,878	$22,878	$0
Total Departmental Administration	$18,878	$22,878	$0
International Affairs			
Program Direction			
Program Direction	$0	$0	$36,100
Total International Affairs	$0	$0	$36,100
Total Advanced Photon Source	$18,878	$40,878	$44,100

Ames Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Hydrogen & Fuel Cell Technologies	$263	$686	$0
Vehicle Technologies	$800	$650	$0
Advanced Manufacturing	$33,160	$25,000	$0
Total Energy Efficiency and Renewable Energy	$34,223	$26,336	$0
Total Energy Efficiency and Renewable Energy	$34,223	$26,336	$0
Science			
Basic Energy Sciences			
Basic Energy Sciences	$15,790	$17,620	$17,581
Biological and Environmental Research			
Biological and Environmental Research	$1,000	$1,250	$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$556	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$3,492	$0	$1,000
Safeguards and Security			
Safeguards and Security	$1,229	$1,231	$1,231
Total Science	$22,067	$20,101	$19,812
Fossil Energy Research and Development			
CCS and Power Systems			
Advanced Energy Systems	$500	$500	$0
Cross Cutting Research	$1,154	$300	$0
Total CCS and Power Systems	$1,654	$800	$0
Advanced Coal Energy Systems and CCUS			
Crosscutting Research	$0	$0	$667
Total Fossil Energy Research and Development	$1,654	$800	$667
Total Ames Laboratory	$57,944	$47,237	$20,479

Ames Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Program Direction			
Program Direction	$645	$658	$676
Total Science	$645	$658	$676
Total Ames Site Office	$645	$658	$676

Argonne National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$5,668	$1,320	$9,300
Resilient Distribution Systems	$4,015	$1,948	$2,000
Cybersecurity for Energy Delivery Systems	$426	$0	$0
Transmission Permitting and Technical Assistance	$390	$0	$0
Infrastructure Security & Energy Restoration	$1,070	$0	$0
Total Electricity	$11,569	$3,268	$11,300
Total Electricity	$11,569	$3,268	$11,300
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$1,865	$5,000
CEDS	$0	$150	$900
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$2,015	$5,900
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$2,015	$5,900
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$8,608	$6,490	$1,060
Program Direction-NE			
Program Direction-NE	$100	$0	$0
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$7,667	$6,380	$5,780
Reactors Concepts RD&D			
Reactors Concepts RD&D	$20,242	$21,170	$22,350
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	$155	$195	$0
Total Nuclear Energy	$36,772	$34,235	$29,190
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	$1,198	$1,052	$703
Hydrogen & Fuel Cell Technologies	$7,169	$5,399	$2,000
Water Power	$1,398	$153	$583
Solar Energy	$1,641	$2,637	$1,469
Vehicle Technologies	$62,026	$58,000	$15,500
Building Technologies	$1,320	$1,320	$245
Advanced Manufacturing	$12,840	$3,120	$2,000
Bioenergy Technologies	$8,435	$5,457	$2,650
Total Energy Efficiency and Renewable Energy	$96,027	$77,138	$25,150
Total Energy Efficiency and Renewable Energy	$96,027	$77,138	$25,150
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$800

Argonne National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Nuclear Waste Disposal	$0	$0	$800
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$122,782	$153,798	$159,318
Basic Energy Sciences			
Basic Energy Sciences	$295,783	$360,799	$371,817
Biological and Environmental Research			
Biological and Environmental Research	$32,349	$31,442	$19,445
High Energy Physics			
High Energy Physics	$14,979	$15,695	$10,157
Nuclear Physics			
Nuclear Physics	$32,818	$33,384	$29,293
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$1,328	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$54,105	$53,393	$44,850
Safeguards and Security			
Safeguards and Security	$9,166	$9,996	$10,019
Total Science	$563,310	$658,507	$644,899
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$55	$55	$55
Total Office of Technology Transitions	$55	$55	$55
Weapons Activities			
Science			
Science Campaign	$820	$532	$300
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$500	$0	$0
Infrastructure and Operations			
Infrastructure and Operations	$1,650	$1,650	$0
Total Weapons Activities	$2,970	$2,182	$300
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$945	$945	$945
Total Other Defense Activities	$945	$945	$945
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$9,723	$24,375	$3,807
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$3,056	$3,325	$3,486
Global Material Security			
Global Material Security	$2,036	$2,236	$1,687

Argonne National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Material Management and Minimization			
Material Management and Minimization	$19,611	$5,903	$28,584
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$9,484	$9,100	$9,677
Total Defense Nuclear Nonproliferation	$43,910	$44,939	$47,241
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$461	$428	$428
Total Federal Salaries and Expenses	$461	$428	$428
Total Argonne National Laboratory	$756,019	$823,712	$766,208

Argonne Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Program Direction			
Program Direction	$4,327	$4,415	$4,270
Total Science	$4,327	$4,415	$4,270
Total Argonne Site Office	$4,327	$4,415	$4,270

Bechtel Marine Propulsion Center	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$7,000	$7,000	$0
Total Nuclear Energy	$7,000	$7,000	$0
Total Bechtel Marine Propulsion Center	$7,000	$7,000	$0

Berkeley Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Program Direction			
Program Direction	$3,561	$3,588	$3,727
Total Science	$3,561	$3,588	$3,727
Total Berkeley Site Office	$3,561	$3,588	$3,727

Bettis Atomic Power Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	$508	$0	$0
Total Weapons Activities	$508	$0	$0
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	$590,974	$685,949	$600,547
Total Naval Reactors	$590,974	$685,949	$600,547
Total Bettis Atomic Power Laboratory	$591,482	$685,949	$600,547

Brookhaven National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	$2,000	$20,456	$0
Total Non-Defense Environmental Cleanup	$2,000	$20,456	$0
Electricity			
Electricity			
Transmission Reliability and Resilience	$700	$700	$700
Resilient Distribution Systems	$85	$0	$0
Cybersecurity for Energy Delivery Systems	$1,689	$0	$0
Total Electricity	$2,474	$700	$700
Total Electricity	$2,474	$700	$700
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$2,406	$1,444	$730
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$650	$650	$500
Reactors Concepts RD&D			
Reactors Concepts RD&D	$102	$210	$150
Total Nuclear Energy	$3,158	$2,304	$1,380
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Geothermal Technologies	$425	$0	$0
Hydrogen & Fuel Cell Technologies	$500	$996	$0
Solar Energy	$20	$0	$0
Vehicle Technologies	$3,085	$2,500	$2,000
Total Energy Efficiency and Renewable Energy	$4,030	$3,496	$2,000
Total Energy Efficiency and Renewable Energy	$4,030	$3,496	$2,000
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$1,116	$1,590	$728
Basic Energy Sciences			
Basic Energy Sciences	$170,216	$169,571	$162,261
Biological and Environmental Research			
Biological and Environmental Research	$14,842	$12,107	$9,001
High Energy Physics			
High Energy Physics	$64,652	$82,255	$77,542
Nuclear Physics			
Nuclear Physics	$206,394	$209,914	$201,989
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$2,266	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$43,500	$49,200	$18,400

Brookhaven National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Safeguards and Security			
Safeguards and Security	$12,413	$13,933	$14,013
Total Science	$515,399	$538,570	$483,934
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$55	$55	$55
Total Office of Technology Transitions	$55	$55	$55
Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	$262	$325	$391
Total Weapons Activities	$262	$325	$391
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$250	$250	$250
Total Other Defense Activities	$250	$250	$250
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$1,175	$1,119	$718
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$2,896	$2,519	$2,595
Global Material Security			
Global Material Security	$1,350	$1,381	$1,216
Material Management and Minimization			
Material Management and Minimization	$0	$0	$400
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$2,942	$3,900	$3,964
Total Defense Nuclear Nonproliferation	$8,363	$8,919	$8,893
Total Brookhaven National Laboratory	$535,991	$575,075	$497,603

Brookhaven Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Program Direction			
Program Direction	$4,837	$4,905	$4,589
Total Science	$4,837	$4,905	$4,589
Total Brookhaven Site Office	$4,837	$4,905	$4,589

Carlsbad Area Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Environmental Cleanup			
Waste Isolation Pilot Plant			
Operation and Maintenance	$10,000	$46,695	$17,500
Central Characterization Project	$22,500	$19,500	$20,400
Total Waste Isolation Pilot Plant	$32,500	$66,195	$37,900
Program Direction			
Carlsbad	$12,176	$12,031	$11,579
Safeguards and Security			
Waste Isolation Pilot Plant	$6,470	$6,580	$6,692
Total Defense Environmental Cleanup	$51,146	$84,806	$56,171
Total Carlsbad Area Office	$51,146	$84,806	$56,171

Chicago Operations Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Nuclear Energy			
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$428	$234	$234
Total Nuclear Energy	$428	$234	$234
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$20,550	$16,885	$30,533
Basic Energy Sciences			
Basic Energy Sciences	$260,829	$339,965	$285,591
Biological and Environmental Research			
Biological and Environmental Research	$165,637	$123,181	$93,051
Fusion Energy Sciences			
Fusion Energy Sciences	$177,355	$140,519	$85,446
High Energy Physics			
High Energy Physics	$116,220	$110,234	$67,793
Nuclear Physics			
Nuclear Physics	$186,037	$153,940	$119,753
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$1,713	$1,713	$1,550
Safeguards and Security			
Safeguards and Security	$50	$50	$50
Program Direction			
Program Direction	$24,445	$24,546	$23,614
Total Science	$952,836	$911,033	$707,381
Weapons Activities			
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$2,000	$2,000	$0
Total Weapons Activities	$2,000	$2,000	$0
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$50	$50	$50
Total Other Defense Activities	$50	$50	$50
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	$200	$200	$200
Total Departmental Administration	$200	$200	$200
Total Chicago Operations Office	$955,514	$913,517	$707,865

Consolidated Business Center	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	$559	$0	$0
Total Weapons Activities	$559	$0	$0
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$259	$259	$259
Total Other Defense Activities	$259	$259	$259
Defense Nuclear Nonproliferation			
Material Management and Minimization			
Material Management and Minimization	$100	$0	$0
Total Defense Nuclear Nonproliferation	$100	$0	$0
Defense Environmental Cleanup			
Closure Sites			
Miamisburg	$0	$1,789	$1,987
Program Direction			
Consolidated Business Center	$33,482	$32,109	$30,107
Total Defense Environmental Cleanup	$33,482	$33,898	$32,094
Total Consolidated Business Center	$34,400	$34,157	$32,353

East Tennessee Technology Park (K25)	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Small Sites			
Oak Ridge – ETTP	$8,000	$10,000	$0
Total Non-Defense Environmental Cleanup	$8,000	$10,000	$0
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Pension & comm & Reg Suport Oak Ridge	$19,274	$17,258	$17,655
Oak Ridge	$194,673	$195,000	$109,439
Total Uranium Enrichment D&D Fund	$213,947	$212,258	$127,094
Total Uranium Enrichment Decon. & Decom. Fund	$213,947	$212,258	$127,094
Defense Environmental Cleanup			
Safeguards and Security			
Oak Ridge Reservation	$17,605	$14,023	$9,000
Total Defense Environmental Cleanup	$17,605	$14,023	$9,000
Total East Tennessee Technology Park (K25)	$239,552	$236,281	$136,094

Energy Technology Engineering Center	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	$9,000	$11,000	$18,199
Total Non-Defense Environmental Cleanup	$9,000	$11,000	$18,199
Total Energy Technology Engineering Center	$9,000	$11,000	$18,199

Fermi National Accelerator Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$341	$174	$174
Basic Energy Sciences			
Basic Energy Sciences	$354	$135	$135
High Energy Physics			
High Energy Physics	$456,274	$519,303	$407,903
Nuclear Physics			
Nuclear Physics	$210	$0	$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$250	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$20,000	$20,000	$10,000
Safeguards and Security			
Safeguards and Security	$5,341	$7,037	$7,877
Total Science	$482,770	$546,649	$426,089
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$55	$55	$55
Total Office of Technology Transitions	$55	$55	$55
Total Fermi National Accelerator Laboratory	$482,825	$546,704	$426,144

Fermi Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Program Direction			
Program Direction	$2,497	$2,581	$2,490
Total Science	$2,497	$2,581	$2,490
Total Fermi Site Office	$2,497	$2,581	$2,490

Fernald Environmental Management Project	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Environmental Cleanup			
Closure Sites			
Fernald	$1,000	$1,100	$1,100
Total Defense Environmental Cleanup	$1,000	$1,100	$1,100
Total Fernald Environmental Management Project	$1,000	$1,100	$1,100

Fernald Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	$11,040	$12,276	$13,231
Total Other Defense Activities	$11,040	$12,276	$13,231
Total Fernald Site	$11,040	$12,276	$13,231

General Atomics Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	$14,700	$0	$0
Total Weapons Activities	$14,700	$0	$0
Total General Atomics Site	$14,700	$0	$0

Golden Field Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	$6,432	$20,845	$225
Program Direction	$21,091	$23,129	$20,770
Geothermal Technologies	$23,224	$6,986	$15,000
Hydrogen & Fuel Cell Technologies	$37,743	$53,007	$25,000
Water Power	$52,338	$49,965	$18,720
Solar Energy	$120,662	$139,759	$11,000
Vehicle Technologies	$3,440	$2,800	$1,000
Building Technologies	$18,276	$54,885	$19,440
Federal Energy Management Program	$1,721	$650	$600
Weatherization	$470	$811	$0
State Energy Program Grants	$1,485	$1,495	$0
Advanced Manufacturing	$130,362	$77,000	$0
Bioenergy Technologies	$68,919	$88,578	$0
Total Energy Efficiency and Renewable Energy	$486,163	$519,910	$111,755
Total Energy Efficiency and Renewable Energy	$486,163	$519,910	$111,755
Departmental Administration			
Office of Indian Energy			
Office of Indian Energy	$3,300	$0	$0
Total Departmental Administration	$3,300	$0	$0
Total Golden Field Office	$489,463	$519,910	$111,755

Grand Junction Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	$37,931	$44,961	$51,531
Total Other Defense Activities	$37,931	$44,961	$51,531
Total Grand Junction Office	$37,931	$44,961	$51,531

Hanford Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Fast Flux Test Reactor Facility			
Fast Flux Test Reactor Facility	$2,240	$2,240	$2,500
Total Non-Defense Environmental Cleanup	$2,240	$2,240	$2,500
Defense Environmental Cleanup			
Hanford Site			
Central Plateau Remediation	$669,379	$661,358	$533,949
River Corridor & Other Cleanup Operations	$183,692	$193,692	$89,750
Total Hanford Site	$853,071	$855,050	$623,699
Safeguards and Security			
Richland/Hanford Site	$81,990	$86,686	$86,778
Total Defense Environmental Cleanup	$935,061	$941,736	$710,477
Total Hanford Site	$937,301	$943,976	$712,977

Idaho National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	$11,972	$10,000	$12,800
Total Non-Defense Environmental Cleanup	$11,972	$10,000	$12,800
Electricity			
Electricity			
Transmission Reliability and Resilience	$325	$250	$1,000
Resilient Distribution Systems	$967	$200	$200
Cybersecurity for Energy Delivery Systems	$18,452	$0	$0
Transformer Resilience and Advanced Components	$14	$221	$300
Infrastructure Security & Energy Restoration	$328	$0	$0
Total Electricity	$20,086	$671	$1,500
Total Electricity	$20,086	$671	$1,500
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$250	$7,000
CEDS	$0	$13,000	$3,000
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$13,250	$10,000
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$13,250	$10,000
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$58,013	$56,307	$13,390
Radiological Facilities Management			
Radiological Facilities Management	$8,948	$8,949	$8,948
Idaho Facilities Management			
Idaho Facilities Management	$287,437	$310,708	$202,742
Idaho Sitewide Safeguards and Security			
Idaho Sitewide Safeguards and Security	$129,183	$142,191	$133,909
Program Direction-NE			
Program Direction-NE	$280	$0	$0
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$71,846	$64,354	$38,675
Reactors Concepts RD&D			
Reactors Concepts RD&D	$70,537	$110,310	$120,350
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	$838	$1,415	$0
Supercritical Transformational Electric Power Generation			
Supercritical Transformational Electric Power Generation	$53	$0	$0
Total Nuclear Energy	$627,135	$694,234	$518,014
Energy Efficiency and Renewable Energy			

Idaho National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Energy Efficiency and Renewable Energy			
Wind Energy	$869	$159	$524
Geothermal Technologies	$556	$744	$25
Hydrogen & Fuel Cell Technologies	$3,575	$5,442	$1,200
Water Power	$2,640	$877	$583
Solar Energy	$185	$0	$0
Vehicle Technologies	$12,932	$10,500	$4,900
Federal Energy Management Program	$400	$135	$200
Advanced Manufacturing	$5,000	$0	$0
Bioenergy Technologies	$14,806	$11,350	$3,600
Total Energy Efficiency and Renewable Energy	$40,963	$29,207	$11,032
Total Energy Efficiency and Renewable Energy	$40,963	$29,207	$11,032
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$10
Total Nuclear Waste Disposal	$0	$0	$10
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$70	$70	$70
Basic Energy Sciences			
Basic Energy Sciences	$900	$4,592	$4,103
Fusion Energy Sciences			
Fusion Energy Sciences	$2,700	$5,510	$2,500
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$406	$0	$0
Total Science	$4,076	$10,172	$6,673
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$155	$155	$155
Total Office of Technology Transitions	$155	$155	$155
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$2,815	$2,398	$1,770
Infrastructure and Operations			
Infrastructure and Operations	$1,031	$0	$0
Total Weapons Activities	$3,846	$2,398	$1,770
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$150	$150	$150
Total Other Defense Activities	$150	$150	$150
Defense Nuclear Nonproliferation			

Idaho National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$42,596	$43,196	$10,909
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$3,720	$4,609	$4,747
Global Material Security			
Global Material Security	$13,683	$15,098	$12,036
Material Management and Minimization			
Material Management and Minimization	$9,391	$12,350	$43,061
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$1,614	$2,400	$2,463
Total Defense Nuclear Nonproliferation	$71,004	$77,653	$73,216
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	$149,200	$195,605	$205,572
Total Naval Reactors	$149,200	$195,605	$205,572
Fossil Energy Research and Development			
Advanced Coal Energy Systems and CCUS			
Crosscutting Research	$0	$0	$667
Total Fossil Energy Research and Development	$0	$0	$667
Defense Environmental Cleanup			
Idaho National Laboratory			
Idaho Community and Regulatory Support	$4,071	$3,200	$3,500
Idaho Clean-up and Waste Disposition	$420,000	$420,000	$331,354
ID Excess Facilities D&D	$10,000	$10,000	$0
Total Idaho National Laboratory	$434,071	$433,200	$334,854
Total Defense Environmental Cleanup	$434,071	$433,200	$334,854
Total Idaho National Laboratory	$1,362,658	$1,466,695	$1,176,413

Idaho Operations Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Resilient Distribution Systems	$68	$0	$0
Transformer Resilience and Advanced Components	$68	$0	$0
Total Electricity	$136	$0	$0
Total Electricity	$136	$0	$0
Nuclear Energy			
University Research Program			
University Research	$5,000	$0	$0
Fuel Cycle R & D			
Fuel Cycle R & D	$85,822	$77,515	$24,211
Radiological Facilities Management			
Radiological Facilities Management	$44	$44	$44
Idaho Facilities Management			
Idaho Facilities Management	$6,072	$6,072	$5,500
Idaho Sitewide Safeguards and Security			
Idaho Sitewide Safeguards and Security	$3,697	$3,697	$3,697
Program Direction-NE			
Program Direction-NE	$37,486	$30,706	$30,706
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$16,370	$17,360	$14,360
Reactors Concepts RD&D			
Reactors Concepts RD&D	$97,700	$94,005	$40,500
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	$1,249	$1,117	$0
Supercritical Transformational Electric Power Generation			
Supercritical Transformational Electric Power Generation	$998	$0	$0
Total Nuclear Energy	$254,438	$230,516	$119,018
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$2,940
Total Nuclear Waste Disposal	$0	$0	$2,940
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$1,150	$1,150	$1,150
Total Office of Technology Transitions	$1,150	$1,150	$1,150
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$400	$400	$400
Total Other Defense Activities	$400	$400	$400
Departmental Administration			

Idaho Operations Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Strategic Partnership Projects			
Strategic Partnership Projects	$1,000	$1,000	$1,000
Total Departmental Administration	$1,000	$1,000	$1,000
Defense Environmental Cleanup			
Program Direction			
Idaho	$7,738	$7,703	$7,290
Total Defense Environmental Cleanup	$7,738	$7,703	$7,290
Total Idaho Operations Office	$264,862	$240,769	$131,798

Kansas City National Security Complex (KCNSC)	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$477,718	$536,388	$761,108
Science			
Science Campaign	$1,132	$1,521	$1,100
Engineering			
Engineering Campaign	$3,665	$3,203	$6,639
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$750	$1,250	$0
Defense Nuclear Security			
Defense Nuclear Security	$12,039	$12,692	$12,946
Information technology and Cybersecurity			
Information technology and Cybersecurity	$6,605	$5,882	$7,217
Infrastructure and Operations			
Infrastructure and Operations	$102,509	$128,735	$121,752
Secure Transportation Asset			
Secure Transportation Asset	$21,551	$20,277	$19,376
Advanced Manufacturing Development			
Advanced Manufacturing Development	$13,900	$13,728	$9,731
Total Weapons Activities	$639,869	$723,676	$939,869
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$10	$10	$10
Total Other Defense Activities	$10	$10	$10
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$534	$275	$286
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$27,347	$25,274	$52,032
Material Management and Minimization			
Material Management and Minimization	$0	$1,250	$0
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$3,341	$2,961	$3,404
Total Defense Nuclear Nonproliferation	$31,222	$29,760	$55,722
Total Kansas City National Security Complex (KCNSC)	$671,101	$753,446	$995,601

Kansas City Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Information technology and Cybersecurity			
Information technology and Cybersecurity	$0	$0	$130
Infrastructure and Operations			
Infrastructure and Operations	$37,974	$0	$0
Total Weapons Activities	$37,974	$0	$130
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$7,024	$7,406	$7,413
Total Federal Salaries and Expenses	$7,024	$7,406	$7,413
Total Kansas City Site Office	$44,998	$7,406	$7,543

Knolls Atomic Power Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	$0	$0	$547
Total Weapons Activities	$0	$0	$547
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	$727,075	$740,237	$677,574
Total Naval Reactors	$727,075	$740,237	$677,574
Total Knolls Atomic Power Laboratory	$727,075	$740,237	$678,121

Lawrence Berkeley National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	$41,000	$35,000	$0
Total Non-Defense Environmental Cleanup	$41,000	$35,000	$0
Electricity			
Electricity			
Transmission Reliability and Resilience	$2,698	$1,871	$3,000
Resilient Distribution Systems	$1,429	$300	$1,200
Cybersecurity for Energy Delivery Systems	$300	$0	$0
Energy Storage	$84	$0	$0
Transmission Permitting and Technical Assistance	$2,431	$660	$1,500
Total Electricity	$6,942	$2,831	$5,700
Total Electricity	$6,942	$2,831	$5,700
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
CEDS	$0	$1,700	$0
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$1,700	$0
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$3,397	$2,765	$290
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$0	$200	$200
Total Nuclear Energy	$3,397	$2,965	$490
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	$2,626	$1,675	$1,152
Geothermal Technologies	$4,132	$4,070	$75
Hydrogen & Fuel Cell Technologies	$6,324	$5,479	$1,950
Solar Energy	$2,575	$126	$0
Vehicle Technologies	$17,238	$14,500	$4,250
Building Technologies	$38,017	$31,718	$8,395
Federal Energy Management Program	$3,803	$4,187	$809
Weatherization	$0	$170	$0
State Energy Program Grants	$760	$605	$0
Advanced Manufacturing	$9,325	$12,200	$2,000
Strategic Programs	$680	$2,750	$0
Bioenergy Technologies	$10,640	$6,935	$3,350
Total Energy Efficiency and Renewable Energy	$96,120	$84,415	$21,981
Total Energy Efficiency and Renewable Energy	$96,120	$84,415	$21,981
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$840

Lawrence Berkeley National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Nuclear Waste Disposal	$0	$0	$840
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$190,635	$213,107	$179,276
Basic Energy Sciences			
Basic Energy Sciences	$174,716	$225,806	$174,244
Biological and Environmental Research			
Biological and Environmental Research	$154,819	$148,595	$121,568
Fusion Energy Sciences			
Fusion Energy Sciences	$0	$895	$1,115
High Energy Physics			
High Energy Physics	$78,190	$82,427	$53,678
Nuclear Physics			
Nuclear Physics	$27,821	$26,121	$19,759
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$1,111	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$54,850	$5,000	$11,000
Safeguards and Security			
Safeguards and Security	$7,240	$7,155	$7,175
Total Science	$689,382	$709,106	$567,815
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$55	$55	$55
Total Office of Technology Transitions	$55	$55	$55
Weapons Activities			
Information technology and Cybersecurity			
Information technology and Cybersecurity	$547	$650	$650
Infrastructure and Operations			
Infrastructure and Operations	$1,100	$0	$0
Total Weapons Activities	$1,647	$650	$650
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$7,564	$7,423	$7,708
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$0	$430	$443
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$613	$590	$631
Total Defense Nuclear Nonproliferation	$8,177	$8,443	$8,782
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	$3,500	$3,500	$3,500

Lawrence Berkeley National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Departmental Administration	$3,500	$3,500	$3,500
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	$6,231	$331	$0
Carbon Storage	$4,978	$1,950	$0
Cross Cutting Research	$2,570	$2,400	$0
Total CCS and Power Systems	$13,779	$4,681	$0
Advanced Coal Energy Systems and CCUS			
Carbon Capture Utilization and Storage	$0	$0	$1,565
Crosscutting Research	$0	$0	$2,494
Total Advanced Coal Energy Systems and CCUS	$0	$0	$4,059
Natural Gas Technologies			
Natural Gas Technologies	$1,720	$1,625	$700
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	$995	$1,667	$1,000
Total Fossil Energy Research and Development	$16,494	$7,973	$5,759
Total Lawrence Berkeley National Laboratory	$866,714	$856,638	$615,572

Lawrence Livermore National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$2,985	$1,180	$9,000
Resilient Distribution Systems	$1,875	$175	$1,300
Cybersecurity for Energy Delivery Systems	$3,900	$0	$0
Energy Storage	$400	$0	$0
Infrastructure Security & Energy Restoration	$100	$0	$0
Total Electricity	$9,260	$1,355	$10,300
Total Electricity	$9,260	$1,355	$10,300
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$350	$4,000
CEDS	$0	$2,400	$2,600
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$2,750	$6,600
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$2,750	$6,600
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$793	$791	$100
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$75	$150	$150
Reactors Concepts RD&D			
Reactors Concepts RD&D	$0	$0	$50
Total Nuclear Energy	$868	$941	$300
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	$874	$771	$592
Geothermal Technologies	$2,523	$1,183	$25
Hydrogen & Fuel Cell Technologies	$3,630	$2,833	$1,000
Solar Energy	$300	$434	$836
Vehicle Technologies	$4,959	$3,800	$1,000
Building Technologies	$107	$774	$25
Advanced Manufacturing	$7,293	$5,200	$5,200
Bioenergy Technologies	$1,384	$400	$0
Total Energy Efficiency and Renewable Energy	$21,070	$15,395	$8,678
Total Energy Efficiency and Renewable Energy	$21,070	$15,395	$8,678
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$6,675	$5,531	$2,097
Basic Energy Sciences			
Basic Energy Sciences	$926	$1,804	$1,772
Biological and Environmental Research			
Biological and Environmental Research	$28,821	$21,928	$20,633

Lawrence Livermore National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Fusion Energy Sciences			
Fusion Energy Sciences	$9,218	$8,819	$6,786
High Energy Physics			
High Energy Physics	$3,940	$2,315	$1,000
Nuclear Physics			
Nuclear Physics	$893	$1,728	$1,650
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$482	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$50	$0	$0
Total Science	$51,005	$42,125	$33,938
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$55	$55	$55
Total Office of Technology Transitions	$55	$55	$55
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$280,989	$335,223	$416,482
Science			
Science Campaign	$130,003	$125,368	$158,336
Engineering			
Engineering Campaign	$27,808	$36,914	$49,977
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	$344,000	$344,000	$295,664
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$310,093	$210,721	$277,736
Defense Nuclear Security			
Defense Nuclear Security	$56,331	$67,162	$67,135
Information technology and Cybersecurity			
Information technology and Cybersecurity	$16,115	$14,122	$18,515
Infrastructure and Operations			
Infrastructure and Operations	$237,601	$202,943	$219,935
Advanced Manufacturing Development			
Advanced Manufacturing Development	$10,307	$8,207	$7,796
Total Weapons Activities	$1,413,247	$1,344,660	$1,511,576
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$3,050	$3,050	$3,050
Total Other Defense Activities	$3,050	$3,050	$3,050
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$53,640	$50,898	$55,513

Lawrence Livermore National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$43,633	$42,791	$48,016
Global Material Security			
Global Material Security	$8,960	$8,981	$7,986
Material Management and Minimization			
Material Management and Minimization	$70	$100	$0
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$20,109	$22,000	$23,231
Total Defense Nuclear Nonproliferation	$126,412	$124,770	$134,746
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	$3,849	$475	$0
Cross Cutting Research	$279	$0	$0
Total CCS and Power Systems	$4,128	$475	$0
Advanced Coal Energy Systems and CCUS			
Carbon Capture Utilization and Storage	$0	$0	$1,250
Crosscutting Research	$0	$0	$667
Total Advanced Coal Energy Systems and CCUS	$0	$0	$1,917
Natural Gas Technologies			
Natural Gas Technologies	$0	$22	$0
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	$1,050	$1,050	$1,000
Total Fossil Energy Research and Development	$5,178	$1,547	$2,917
Defense Environmental Cleanup			
NNSA Sites			
Lawrence Livermore National Laboratory	$1,175	$1,704	$1,727
LLNL Excess Facilities D&D	$100,000	$25,000	$128,000
Total NNSA Sites	$101,175	$26,704	$129,727
Total Defense Environmental Cleanup	$101,175	$26,704	$129,727
Total Lawrence Livermore National Laboratory	$1,731,320	$1,563,352	$1,841,887

Lexington Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$200	$200	$200
Total Other Defense Activities	$200	$200	$200
Total Lexington Office	$200	$200	$200

Livermore Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Nuclear Energy			
Reactors Concepts RD&D			
Reactors Concepts RD&D	$50	$50	$0
Total Nuclear Energy	$50	$50	$0
Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	$846	$0	$0
Total Weapons Activities	$846	$0	$0
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$17,077	$18,779	$18,779
Total Federal Salaries and Expenses	$17,077	$18,779	$18,779
Total Livermore Site Office	$17,973	$18,829	$18,779

Los Alamos National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$2,122	$1,200	$6,000
Resilient Distribution Systems	$1,779	$100	$700
Energy Storage	$400	$0	$0
Infrastructure Security & Energy Restoration	$600	$0	$0
Total Electricity	$4,901	$1,300	$6,700
Total Electricity	$4,901	$1,300	$6,700
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$500	$2,500
CEDS	$0	$1,000	$0
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$1,500	$2,500
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$1,500	$2,500
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$11,708	$10,730	$2,800
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$4,563	$3,293	$2,650
Reactors Concepts RD&D			
Reactors Concepts RD&D	$3,575	$6,260	$2,500
Total Nuclear Energy	$19,846	$20,283	$7,950
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	$345	$212	$0
Geothermal Technologies	$576	$570	$25
Hydrogen & Fuel Cell Technologies	$5,552	$5,741	$1,000
Solar Energy	$5,248	$0	$0
Vehicle Technologies	$388	$350	$0
Building Technologies	$291	$291	$50
Advanced Manufacturing	$250	$0	$0
Bioenergy Technologies	$6,138	$5,719	$2,250
Total Energy Efficiency and Renewable Energy	$18,788	$12,883	$3,325
Total Energy Efficiency and Renewable Energy	$18,788	$12,883	$3,325
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$840
Total Nuclear Waste Disposal	$0	$0	$840
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$3,003	$3,626	$2,135

Los Alamos National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Basic Energy Sciences			
Basic Energy Sciences	$18,121	$23,337	$22,358
Biological and Environmental Research			
Biological and Environmental Research	$30,098	$25,424	$17,525
Fusion Energy Sciences			
Fusion Energy Sciences	$3,607	$3,087	$3,610
High Energy Physics			
High Energy Physics	$1,930	$2,640	$1,260
Nuclear Physics			
Nuclear Physics	$9,111	$9,360	$8,791
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$520	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$350	$0	$0
Total Science	$66,740	$67,474	$55,679
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$55	$55	$55
Total Office of Technology Transitions	$55	$55	$55
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$683,924	$692,467	$770,398
Science			
Science Campaign	$152,772	$152,691	$225,054
Engineering			
Engineering Campaign	$32,221	$42,342	$49,360
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	$18,500	$18,500	$15,000
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$199,048	$205,752	$191,740
Defense Nuclear Security			
Defense Nuclear Security	$100,921	$112,475	$112,430
Information technology and Cybersecurity			
Information technology and Cybersecurity	$17,195	$17,716	$17,760
Infrastructure and Operations			
Infrastructure and Operations	$583,041	$640,693	$576,889
Advanced Manufacturing Development			
Advanced Manufacturing Development	$6,285	$7,179	$8,778
Total Weapons Activities	$1,793,907	$1,889,815	$1,967,409
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$95	$95	$95
Total Other Defense Activities	$95	$95	$95

Los Alamos National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$119,986	$108,569	$120,837
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$48,656	$43,062	$48,353
Global Material Security			
Global Material Security	$41,474	$44,618	$35,978
Material Management and Minimization			
Material Management and Minimization	$41,282	$48,989	$57,270
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$22,132	$21,881	$22,484
Total Defense Nuclear Nonproliferation	$273,530	$267,119	$284,922
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	$1,195	$1,345	$0
Carbon Storage	$4,380	$1,950	$0
Cross Cutting Research	$930	$0	$0
Total CCS and Power Systems	$6,505	$3,295	$0
Advanced Coal Energy Systems and CCUS			
Carbon Capture Utilization and Storage	$0	$0	$2,185
Crosscutting Research	$0	$0	$667
Total Advanced Coal Energy Systems and CCUS	$0	$0	$2,852
Natural Gas Technologies			
Natural Gas Technologies	$800	$800	$0
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	$123	$122	$100
Total Fossil Energy Research and Development	$7,428	$4,217	$2,952
Defense Environmental Cleanup			
NNSA Sites			
Los Alamos National Laboratory	$220,000	$220,000	$195,462
Total Defense Environmental Cleanup	$220,000	$220,000	$195,462
Total Los Alamos National Laboratory	$2,405,290	$2,484,741	$2,527,889

Los Alamos Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Information technology and Cybersecurity			
Information technology and Cybersecurity	$0	$0	$51
Total Weapons Activities	$0	$0	$51
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$15,446	$17,665	$17,727
Total Federal Salaries and Expenses	$15,446	$17,665	$17,727
Total Los Alamos Site Office	$15,446	$17,665	$17,778

Miamisburg Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Small Sites			
Southwest Experimental Fast Oxide Reactor	$10,000	$0	$0
Total Non-Defense Environmental Cleanup	$10,000	$0	$0
Total Miamisburg Site	$10,000	$0	$0

Moab Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	$37,884	$45,000	$35,693
Total Non-Defense Environmental Cleanup	$37,884	$45,000	$35,693
Total Moab Site	$37,884	$45,000	$35,693

Morgantown Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	$16,211	$18,274	$17,737
Total Other Defense Activities	$16,211	$18,274	$17,737
Total Morgantown Office	$16,211	$18,274	$17,737

Mound Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	$16,027	$15,027	$13,497
Total Other Defense Activities	$16,027	$15,027	$13,497
Total Mound Site	$16,027	$15,027	$13,497

National Energy Technology Lab	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$7,020	$1,000	$800
Resilient Distribution Systems	$2,331	$6,982	$0
Cybersecurity for Energy Delivery Systems	$34,141	$0	$0
Transformer Resilience and Advanced Components	$6,139	$0	$750
Transmission Permitting and Technical Assistance	$2,250	$930	$1,600
Infrastructure Security & Energy Restoration	$1,464	$0	$0
Program Direction	$6,154	$3,176	$3,574
Total Electricity	$59,499	$12,088	$6,724
Total Electricity	$59,499	$12,088	$6,724
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$1,400	$5,250
CEDS	$0	$32,070	$51,400
Program Direction	$0	$2,984	$2,802
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$36,454	$59,452
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$36,454	$59,452
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Program Direction	$15,646	$10,702	$0
Geothermal Technologies	$30,140	$30,000	$5,000
Vehicle Technologies	$93,371	$128,000	$6,500
Building Technologies	$13,729	$17,750	$45
Strategic Programs	$1,000	$0	$0
Bioenergy Technologies	$6,855	$333	$200
Total Energy Efficiency and Renewable Energy	$160,741	$186,785	$11,745
Total Energy Efficiency and Renewable Energy	$160,741	$186,785	$11,745
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$30,128	$19,071	$31,113
Science			
Science Campaign	$540	$550	$550
Engineering			
Engineering Campaign	$690	$188	$0
Advanced Manufacturing Development			
Advanced Manufacturing Development	$1,212	$295	$0
Total Weapons Activities	$32,570	$20,104	$31,663
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$97	$131	$131

National Energy Technology Lab	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Federal Salaries and Expenses	$97	$131	$131
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	$150	$150	$150
Total Departmental Administration	$150	$150	$150
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	$41,791	$42,187	$0
Carbon Storage	$69,679	$33,754	$0
Advanced Energy Systems	$49,621	$32,552	$0
Cross Cutting Research	$37,634	$43,435	$0
STEP (Supercritical CO2)	$24,000	$22,430	$0
Transformational Coal Pilots	$35,000	$25,000	$0
NETL Coal R&D	$53,000	$54,000	$0
Total CCS and Power Systems	$310,725	$253,358	$0
Advanced Coal Energy Systems and CCUS			
Advanced Energy Systems	$0	$0	$219,895
Carbon Capture Utilization and Storage	$0	$0	$61,054
NETL Coal Research and Development	$0	$0	$38,000
Crosscutting Research	$0	$0	$51,150
Total Advanced Coal Energy Systems and CCUS	$0	$0	$370,099
Natural Gas Technologies			
Natural Gas Technologies	$39,750	$40,306	$7,930
Program Direction			
NETL Program Direction	$27,996	$27,230	$27,574
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	$33,786	$13,238	$13,350
NETL Research and Operations			
NETL Research and Operations	$50,000	$50,000	$40,000
NETL Infrastructure			
NETL Infrastructure	$45,000	$45,000	$43,100
Total Fossil Energy Research and Development	$507,257	$429,132	$502,053
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	$456	$446	$466
Total Strategic Petroleum Reserve	$456	$446	$466
Total National Energy Technology Lab	$760,770	$685,290	$612,384

National Renewable Energy Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$1,185	$410	$2,000
Resilient Distribution Systems	$4,054	$2,075	$3,000
Cybersecurity for Energy Delivery Systems	$1,775	$0	$0
Transmission Permitting and Technical Assistance	$38	$85	$100
Infrastructure Security & Energy Restoration	$100	$0	$0
Total Electricity	$7,152	$2,570	$5,100
Total Electricity	$7,152	$2,570	$5,100
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$50	$4,000
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$50	$4,000
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	$45,396	$33,694	$11,858
Facilities and Infrastructure (NREL)	$92,000	$97,000	$107,000
Geothermal Technologies	$1,765	$758	$200
Hydrogen & Fuel Cell Technologies	$19,467	$14,493	$3,800
Water Power	$14,099	$9,657	$4,090
Solar Energy	$39,199	$45,479	$27,478
Vehicle Technologies	$42,923	$38,000	$9,200
Building Technologies	$19,507	$15,764	$1,250
Federal Energy Management Program	$6,563	$10,600	$2,270
Weatherization	$1,656	$0	$0
State Energy Program Grants	$1,250	$795	$0
Advanced Manufacturing	$10,552	$1,825	$1,000
Strategic Programs	$6,011	$5,250	$0
Bioenergy Technologies	$62,314	$41,961	$14,300
Total Energy Efficiency and Renewable Energy	$362,702	$315,276	$182,446
Total Energy Efficiency and Renewable Energy	$362,702	$315,276	$182,446
Science			
Basic Energy Sciences			
Basic Energy Sciences	$7,741	$12,600	$12,620
Biological and Environmental Research			
Biological and Environmental Research	$924	$108	$80
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$1,156	$0	$0
Total Science	$9,821	$12,708	$12,700
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$993	$993	$993

National Renewable Energy Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Office of Technology Transitions	$993	$993	$993
Departmental Administration			
Energy Policy and Systems Analysis			
Energy Policy and Systems	$35	$0	$0
Analysis Office of Indian Energy			
Office of Indian Energy	$2,583	$0	$0
Strategic Partnership Projects			
Strategic Partnership Projects	$500	$500	$500
Total Departmental Administration	$3,118	$500	$500
Total National Renewable Energy Laboratory	$383,786	$332,097	$205,739

Naval Petroleum Reserve No 1	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Productions Operations	$16,600	$8,000	$12,000
Management	$1,000	$1,000	$1,000
Total Naval Petroleum and Oil Shale Reserves	$17,600	$9,000	$13,000
Total Naval Petroleum and Oil Shale Reserves	$17,600	$9,000	$13,000
Total Naval Petroleum Reserve No 1	$17,600	$9,000	$13,000

Naval Petroleum Reserve No 3	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Productions Operations	$1,600	$0	$0
Total Naval Petroleum and Oil Shale Reserves	$1,600	$0	$0
Total Naval Petroleum Reserve No 3	$1,600	$0	$0

Naval Reactors Laboratory Field Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	$523	$0	$0
Total Weapons Activities	$523	$0	$0
Total Naval Reactors Laboratory Field Office	$523	$0	$0

Naval Research Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Science			
Science Campaign	$3,350	$3,750	$3,000
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	$8,000	$6,500	$0
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$250	$0	$0
Total Weapons Activities	$11,600	$10,250	$3,000
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	$20,651	$21,166	$21,890
Total Naval Reactors	$20,651	$21,166	$21,890
Total Naval Research Laboratory	$32,251	$31,416	$24,890

Nevada Field Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Nuclear Energy			
Program Direction-NE			
Program Direction-NE	$2,459	$2,241	$0
Total Nuclear Energy	$2,459	$2,241	$0
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$40,686
Total Nuclear Waste Disposal	$0	$0	$40,686
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$0	$1,350	$0
Defense Nuclear Security			
Defense Nuclear Security	$79,074	$80,559	$80,527
Information technology and Cybersecurity			
Information technology and Cybersecurity	$1,091	$0	$79
Total Weapons Activities	$80,165	$81,909	$80,606
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$15	$15	$15
Total Other Defense Activities	$15	$15	$15
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$50	$50	$50
Total Defense Nuclear Nonproliferation	$50	$50	$50
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$15,870	$17,796	$17,851
Total Federal Salaries and Expenses	$15,870	$17,796	$17,851
Defense Environmental Cleanup			
Program Direction			
Nevada	$2,730	$2,824	$2,794
NNSA Sites			
Nevada	$22,599	$27,138	$25,603
Total Defense Environmental Cleanup	$25,329	$29,962	$28,397
Total Nevada Field Office	$123,888	$131,973	$167,605

Nevada National Security Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$52,026	$30,485	$57,775
Science			
Science Campaign	$52,719	$43,904	$67,960
Information technology and Cybersecurity			
Information technology and Cybersecurity	$4,191	$4,337	$6,622
Infrastructure and Operations			
Infrastructure and Operations	$211,423	$197,707	$236,514
Total Weapons Activities	$320,359	$276,433	$368,871
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$34,779	$20,930	$30,539
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$57,329	$56,123	$59,041
Global Material Security			
Global Material Security	$1,515	$1,515	$1,168
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$157	$271	$296
Total Defense Nuclear Nonproliferation	$93,780	$78,839	$91,044
Defense Environmental Cleanup			
NNSA Sites			
Nevada	$37,537	$32,998	$35,134
Total Defense Environmental Cleanup	$37,537	$32,998	$35,134
Total Nevada National Security Site	$451,676	$388,270	$495,049

Nevada Operations Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Basic Energy Sciences			
Basic Energy Sciences	$482	$0	$0
Total Science	$482	$0	$0
Total Nevada Operations Office	$482	$0	$0

NNSA Albuquerque Complex	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$319,256	$417,096	$328,214
Science			
Science Campaign	$55,150	$75,578	$36,556
Engineering			
Engineering Campaign	$40,909	$24,738	$15,352
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	$18,171	$25,463	$14,973
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$17,750	$9,750	$0
Defense Nuclear Security			
Defense Nuclear Security	$7,533	$7,573	$7,767
Infrastructure and Operations			
Infrastructure and Operations	$101,789	$73,083	$0
Secure Transportation Asset			
Secure Transportation Asset	$86,922	$101,421	$110,163
Advanced Manufacturing Development			
Advanced Manufacturing Development	$2,018	$2,891	$13,770
Total Weapons Activities	$649,498	$737,593	$526,795
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$1,000	$1,000	$1,000
Enterprise Assessments			
Enterprise Assessments	$150	$150	$150
Total Enterprise Assessments	$150	$150	$150
Total Other Defense Activities	$1,150	$1,150	$1,150
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$43,258	$24,563	$25,576
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$5,015	$289	$298
Global Material Security			
Global Material Security	$96,329	$98,232	$86,575
Material Management and Minimization			
Material Management and Minimization	$19,946	$20,850	$2,000
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$2,403	$2,438	$2,487
Nonproliferation Construction			
Nonproliferation Construction	$7,770	$8,086	$0
Total Defense Nuclear Nonproliferation	$174,721	$154,458	$116,936
Departmental Administration			

NNSA Albuquerque Complex	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Strategic Partnership Projects			
Strategic Partnership Projects	$8,500	$8,500	$8,500
Total Departmental Administration	$8,500	$8,500	$8,500
Defense Environmental Cleanup			
Program Direction			
Los Alamos	$5,016	$5,622	$5,400
Total Defense Environmental Cleanup	$5,016	$5,622	$5,400
Total NNSA Albuquerque Complex	$838,885	$907,323	$658,781

NNSA Production Office (NPO)	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$0	$0	$4,000
Infrastructure and Operations			
Infrastructure and Operations	$7,200	$0	$0
Total Weapons Activities	$7,200	$0	$4,000
Defense Nuclear Nonproliferation			
Material Management and Minimization			
Material Management and Minimization	$42,190	$9,090	$10,250
Total Defense Nuclear Nonproliferation	$42,190	$9,090	$10,250
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$22,851	$24,635	$24,820
Total Federal Salaries and Expenses	$22,851	$24,635	$24,820
Total NNSA Production Office (NPO)	$72,241	$33,725	$39,070

Oak Ridge Institute for Science & Education	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Cybersecurity for Energy Delivery Systems	$178	$0	$0
Transformer Resilience and Advanced Components	$33	$0	$0
Total Electricity	$211	$0	$0
Total Electricity	$211	$0	$0
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$210	$1,600
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$210	$1,600
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Geothermal Technologies	$497	$500	$500
Solar Energy	$1,347	$0	$0
Vehicle Technologies	$1,996	$900	$0
Building Technologies	$2,034	$2,150	$0
Federal Energy Management Program	$204	$0	$0
Weatherization	$150	$450	$0
State Energy Program Grants	$500	$800	$0
Advanced Manufacturing	$5,817	$5,700	$5,000
Bioenergy Technologies	$1,241	$0	$0
Total Energy Efficiency and Renewable Energy	$13,786	$10,500	$5,500
Total Energy Efficiency and Renewable Energy	$13,786	$10,500	$5,500
Science			
Basic Energy Sciences			
Basic Energy Sciences	$600	$0	$0
Biological and Environmental Research			
Biological and Environmental Research	$3,874	$1,478	$1,023
Fusion Energy Sciences			
Fusion Energy Sciences	$300	$750	$1,000
High Energy Physics			
High Energy Physics	$1,523	$0	$0
Nuclear Physics			
Nuclear Physics	$697	$697	$636
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$9,322	$0	$0
Safeguards and Security			
Safeguards and Security	$1,929	$1,892	$1,894
Total Science	$18,245	$4,817	$4,553
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$220	$220	$220

Oak Ridge Institute for Science & Education	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Office of Technology Transitions	$220	$220	$220
Weapons Activities			
Science			
Science Campaign	$200	$100	$100
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	$60	$260	$260
Total Weapons Activities	$260	$360	$360
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$1,305	$1,305	$1,305
Total Other Defense Activities	$1,305	$1,305	$1,305
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$4,156	$1,860	$1,916
Total Defense Nuclear Nonproliferation	$4,156	$1,860	$1,916
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$629	$629	$629
Total Federal Salaries and Expenses	$629	$629	$629
Departmental Administration			
Energy Policy and Systems Analysis			
Energy Policy and Systems Analysis	$624	$0	$0
Total Departmental Administration	$624	$0	$0
Total Oak Ridge Institute for Science & Education	$39,436	$19,901	$16,083

Oak Ridge National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$5,379	$4,450	$12,500
Resilient Distribution Systems	$6,386	$2,422	$5,000
Cybersecurity for Energy Delivery Systems	$700	$0	$0
Energy Storage	$3,750	$3,000	$3,000
Transformer Resilience and Advanced Components	$501	$0	$3,000
Transmission Permitting and Technical Assistance	$350	$100	$0
Infrastructure Security & Energy Restoration	$2,765	$0	$0
Total Electricity	$19,831	$9,972	$23,500
Total Electricity	$19,831	$9,972	$23,500
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$2,950	$5,500
CEDS	$0	$10,800	$1,300
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$13,750	$6,800
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$13,750	$6,800
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$23,429	$17,351	$4,100
Radiological Facilities Management			
Radiological Facilities Management	$19,982	$19,985	$0
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$28,903	$22,195	$25,385
Reactors Concepts RD&D			
Reactors Concepts RD&D	$19,341	$17,365	$12,000
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	$530	$120	$0
Total Nuclear Energy	$92,185	$77,016	$41,485
Energy Efficiency and Renewable Energy			

Oak Ridge National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Energy Efficiency and Renewable Energy			
Wind Energy	$4,234	$925	$215
Geothermal Technologies	$2,276	$320	$25
Hydrogen & Fuel Cell Technologies	$3,073	$2,609	$500
Water Power	$6,829	$5,749	$5,118
Solar Energy	$5,248	$2,581	$289
Vehicle Technologies	$55,330	$52,000	$12,300
Building Technologies	$25,559	$15,316	$5,550
Federal Energy Management Program	$4,159	$3,829	$1,145
Weatherization	$837	$1,025	$0
State Energy Program Grants	$30	$30	$0
Advanced Manufacturing	$48,610	$32,025	$10,500
Bioenergy Technologies	$10,515	$7,894	$4,350
Total Energy Efficiency and Renewable Energy	$166,700	$124,303	$39,992
Total Energy Efficiency and Renewable Energy	$166,700	$124,303	$39,992
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$1,130
Total Nuclear Waste Disposal	$0	$0	$1,130
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$378,431	$446,543	$405,466
Basic Energy Sciences			
Basic Energy Sciences	$370,246	$410,799	$322,274
Biological and Environmental Research			
Biological and Environmental Research	$81,772	$84,620	$57,312
Fusion Energy Sciences			
Fusion Energy Sciences	$146,127	$162,283	$134,658
High Energy Physics			
High Energy Physics	$500	$920	$370
Nuclear Physics			
Nuclear Physics	$10,421	$18,206	$23,476
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$30,800	$51,000	$45,000
Safeguards and Security			
Safeguards and Security	$12,215	$12,864	$29,973
Total Science	$1,030,512	$1,187,235	$1,018,529
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$55	$55	$55
Total Office of Technology Transitions	$55	$55	$55
Weapons Activities			

Oak Ridge National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Directed Stockpile Work			
Directed Stockpile Work	$42,515	$46,807	$38,700
Science			
Science Campaign	$262	$160	$200
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$180	$30	$0
Infrastructure and Operations			
Infrastructure and Operations	$16,594	$13,660	$5,033
Total Weapons Activities	$59,551	$60,657	$43,933
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$1,035	$1,035	$1,035
Total Other Defense Activities	$1,035	$1,035	$1,035
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$30,843	$32,429	$34,417
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$3,396	$4,555	$7,191
Global Material Security			
Global Material Security	$18,607	$19,281	$16,163
Material Management and Minimization			
Material Management and Minimization	$6,641	$7,441	$11,350
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$22,178	$20,849	$22,622
Total Defense Nuclear Nonproliferation	$81,665	$84,555	$91,743
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$275	$275	$275
Total Federal Salaries and Expenses	$275	$275	$275
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	$500	$0	$0
Carbon Storage	$235	$50	$0
Advanced Energy Systems	$500	$500	$0
Cross Cutting Research	$3,724	$0	$0
Total CCS and Power Systems	$4,959	$550	$0
Advanced Coal Energy Systems and CCUS			
Crosscutting Research	$0	$0	$667
Natural Gas Technologies			
Natural Gas Technologies	$450	$450	$0
Total Fossil Energy Research and Development	$5,409	$1,000	$667

Oak Ridge National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Environmental Cleanup			
Oak Ridge Reservation			
Nuclear Facility D & D, ORNL	$81,110	$154,000	$61,807
U233 Disposition Program	$50,311	$52,300	$45,000
OR Excess Facilities D&D	$125,000	$0	$0
Total Oak Ridge Reservation	$256,421	$206,300	$106,807
Total Defense Environmental Cleanup	$256,421	$206,300	$106,807
Strategic Petroleum Reserve			
SPR Econometric Modelling Support			
Management	$560	$570	$570
Total Strategic Petroleum Reserve	$560	$570	$570
Total Oak Ridge National Laboratory	$1,714,199	$1,766,723	$1,376,521

Oak Ridge National Laboratory Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Program Direction			
Program Direction	$5,465	$5,551	$5,247
Total Science	$5,465	$5,551	$5,247
Total Oak Ridge National Laboratory Site Office	$5,465	$5,551	$5,247

Oak Ridge Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$0	$35,000	$37,040
Program Direction-NE			
Program Direction-NE	$596	$1,646	$1,646
Total Nuclear Energy	$596	$36,646	$38,686
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Hydrogen & Fuel Cell Technologies	$1,954	$721	$500
Total Energy Efficiency and Renewable Energy	$1,954	$721	$500
Science			
Basic Energy Sciences			
Basic Energy Sciences	$995	$0	$0
Biological and Environmental Research			
Biological and Environmental Research	$995	$0	$0
Nuclear Physics			
Nuclear Physics	$24	$50	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$9,182	$6,434	$8,800
Safeguards and Security			
Safeguards and Security	$22,074	$23,472	$4,558
Program Direction			
Program Direction	$25,082	$24,177	$23,344
Total Science	$58,352	$54,133	$36,702
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$2,795	$2,795	$2,795
Total Other Defense Activities	$2,795	$2,795	$2,795
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	$9,025	$9,025	$9,025
Chief Financial Officer			
Program Direction	$1,484	$1,484	$1,484
Total Departmental Administration	$10,509	$10,509	$10,509
Defense Environmental Cleanup			
Oak Ridge Reservation			
Nuclear Facility D & D, Y-12	$27,100	$86,000	$64,269
Program Direction			
Oak Ridge	$15,065	$15,356	$14,460
Total Defense Environmental Cleanup	$42,165	$101,356	$78,729

Oak Ridge Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Oak Ridge Office	$116,371	$206,160	$167,921

Oak Ridge Reservation	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Environmental Cleanup			
Oak Ridge Reservation			
Clean-up and Disposition	$71,000	$74,000	$82,000
Total Defense Environmental Cleanup	$71,000	$74,000	$82,000
Total Oak Ridge Reservation	$71,000	$74,000	$82,000

Oak Ridge Reservation (Off-Site)	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Environmental Cleanup			
Oak Ridge Reservation			
ORR Community and Regulatory Support	$5,605	$5,700	$4,819
Total Defense Environmental Cleanup	$5,605	$5,700	$4,819
Total Oak Ridge Reservation (Off-Site)	$5,605	$5,700	$4,819

Office of River Protection	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Environmental Cleanup			
Office of River Protection			
Tank Farm Activities	$719,000	$771,947	$677,460
Waste Treatment Plant	$748,000	$745,000	$705,000
ORP Test Bed Initiative	$0	$0	$10,000
Total Office of River Protection	$1,467,000	$1,516,947	$1,392,460
Program Direction			
Office of River Protection	$29,907	$32,731	$32,274
Total Defense Environmental Cleanup	$1,496,907	$1,549,678	$1,424,734
Total Office of River Protection	$1,496,907	$1,549,678	$1,424,734

Office of Scientific & Technical Information	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$148	$155	$155
Basic Energy Sciences			
Basic Energy Sciences	$221	$0	$0
Biological and Environmental Research			
Biological and Environmental Research	$188	$154	$148
Fusion Energy Sciences			
Fusion Energy Sciences	$148	$0	$0
High Energy Physics			
High Energy Physics	$32	$0	$0
Nuclear Physics			
Nuclear Physics	$171	$285	$129
Safeguards and Security			
Safeguards and Security	$783	$759	$759
Program Direction			
Program Direction	$9,222	$9,120	$8,934
Total Science	$10,913	$10,473	$10,125
Weapons Activities			
Science			
Science Campaign	$220	$212	$220
Information technology and Cybersecurity			
Information technology and Cybersecurity	$213	$213	$213
Total Weapons Activities	$433	$425	$433
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$300	$300	$300
Total Other Defense Activities	$300	$300	$300
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$38	$40	$42
Total Defense Nuclear Nonproliferation	$38	$40	$42
Departmental Administration			
Energy Policy and Systems Analysis			
Energy Policy and Systems Analysis	$26	$0	$0
Total Departmental Administration	$26	$0	$0
Total Office of Scientific & Technical Information	$11,710	$11,238	$10,900

Ohio Field Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$5	$5	$5
Total Other Defense Activities	$5	$5	$5
Total Ohio Field Office	$5	$5	$5

Pacific Northwest National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$8,513	$5,060	$13,000
Resilient Distribution Systems	$12,169	$6,609	$9,000
Cybersecurity for Energy Delivery Systems	$10,951	$0	$0
Energy Storage	$15,000	$15,400	$20,000
Transformer Resilience and Advanced Components	$95	$0	$950
Transmission Permitting and Technical Assistance	$715	$950	$1,500
Infrastructure Security & Energy Restoration	$1,324	$0	$0
Total Electricity	$48,767	$28,019	$44,450
Total Electricity	$48,767	$28,019	$44,450
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$425	$3,500
CEDS	$0	$6,050	$3,300
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$6,475	$6,800
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$6,475	$6,800
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$14,180	$10,214	$1,200
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$644	$80	$80
Reactors Concepts RD&D			
Reactors Concepts RD&D	$600	$580	$600
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	$50	$0	$0
Total Nuclear Energy	$15,474	$10,874	$1,880
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	$8,613	$6,501	$1,810
Geothermal Technologies	$1,970	$1,228	$25
Hydrogen & Fuel Cell Technologies	$8,304	$4,904	$1,500
Water Power	$10,312	$11,233	$4,159
Solar Energy	$1,055	$48	$0
Vehicle Technologies	$17,851	$14,500	$7,250
Building Technologies	$33,947	$22,898	$4,325
Federal Energy Management Program	$2,797	$1,815	$1,145
State Energy Program Grants	$35	$0	$0
Advanced Manufacturing	$405	$300	$300
Strategic Programs	$190	$250	$0
Bioenergy Technologies	$17,920	$13,877	$3,900
Total Energy Efficiency and Renewable Energy	$103,399	$77,554	$24,414

Pacific Northwest National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Energy Efficiency and Renewable Energy	$103,399	$77,554	$24,414
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$910
Total Nuclear Waste Disposal	$0	$0	$910
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$2,881	$5,597	$2,460
Basic Energy Sciences			
Basic Energy Sciences	$21,069	$33,216	$33,205
Biological and Environmental Research			
Biological and Environmental Research	$113,735	$117,434	$75,930
Fusion Energy Sciences			
Fusion Energy Sciences	$1,413	$250	$1,413
High Energy Physics			
High Energy Physics	$2,725	$1,460	$775
Nuclear Physics			
Nuclear Physics	$500	$500	$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$1,020	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$20,000	$24,000	$9,000
Safeguards and Security			
Safeguards and Security	$12,654	$12,459	$12,759
Total Science	$175,997	$194,916	$135,542
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$155	$155	$155
Total Office of Technology Transitions	$155	$155	$155
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$37,093	$40,728	$58,099
Science			
Science Campaign	$0	$350	$500
Engineering			
Engineering Campaign	$0	$0	$1,500
Infrastructure and Operations			
Infrastructure and Operations	$8,367	$6,275	$3,150
Total Weapons Activities	$45,460	$47,353	$63,249
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$1,905	$1,905	$1,905

Pacific Northwest National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Other Defense Activities	$1,905	$1,905	$1,905
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$58,098	$51,330	$35,282
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$4,934	$3,935	$3,808
Global Material Security			
Global Material Security	$136,508	$141,201	$119,961
Material Management and Minimization			
Material Management and Minimization	$8,452	$5,680	$44,165
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$22,668	$21,907	$23,116
Total Defense Nuclear Nonproliferation	$230,660	$224,053	$226,332
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$2,996	$0	$1,400
Total Federal Salaries and Expenses	$2,996	$0	$1,400
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	$10,325	$10,325	$10,325
Total Departmental Administration	$10,325	$10,325	$10,325
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	$4,673	$829	$0
Cross Cutting Research	$1,174	$320	$0
Total CCS and Power Systems	$5,847	$1,149	$0
Advanced Coal Energy Systems and CCUS			
Advanced Energy Systems	$0	$0	$405
Carbon Capture Utilization and Storage	$0	$0	$2,551
Crosscutting Research	$0	$0	$667
Total Advanced Coal Energy Systems and CCUS	$0	$0	$3,623
Natural Gas Technologies			
Natural Gas Technologies	$600	$600	$100
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	$500	$0	$0
Total Fossil Energy Research and Development	$6,947	$1,749	$3,723
Total Pacific Northwest National Laboratory	$642,085	$603,378	$521,085

Pacific Northwest Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Program Direction			
Program Direction	$4,942	$5,084	$4,987
Total Science	$4,942	$5,084	$4,987
Total Pacific Northwest Site Office	$4,942	$5,084	$4,987

Paducah Gaseous Diffusion Plant	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Gaseous Diffusion Plants			
Gaseous Diffusion Plants	$50,345	$50,345	$51,450
Total Non-Defense Environmental Cleanup	$50,345	$50,345	$51,450
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Pens & Comm & Reg Support Paducah	$1,725	$2,102	$2,094
Paducah Gaseous Diffusion Plant	$205,530	$206,000	$207,215
Total Uranium Enrichment D&D Fund	$207,255	$208,102	$209,309
Total Uranium Enrichment Decon. & Decom. Fund	$207,255	$208,102	$209,309
Defense Environmental Cleanup			
Program Direction			
Paducah/Portsmouth	$13,303	$16,025	$12,302
Safeguards and Security			
Paducah	$15,556	$15,577	$15,889
Total Defense Environmental Cleanup	$28,859	$31,602	$28,191
Total Paducah Gaseous Diffusion Plant	$286,459	$290,049	$288,950

Pantex Plant	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$381,312	$387,562	$440,968
Engineering			
Engineering Campaign	$2,212	$2,212	$5,054
Defense Nuclear Security			
Defense Nuclear Security	$132,744	$138,903	$138,847
Information technology and Cybersecurity			
Information technology and Cybersecurity	$6,862	$6,765	$7,573
Infrastructure and Operations			
Infrastructure and Operations	$260,370	$273,885	$348,773
Secure Transportation Asset			
Secure Transportation Asset	$7,726	$7,317	$7,761
Advanced Manufacturing Development			
Advanced Manufacturing Development	$629	$863	$1,187
Total Weapons Activities	$791,855	$817,507	$950,163
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$10	$10	$10
Total Other Defense Activities	$10	$10	$10
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$1,431	$2,456	$2,530
Material Management and Minimization			
Material Management and Minimization	$2,000	$5,100	$6,736
Total Defense Nuclear Nonproliferation	$3,431	$7,556	$9,266
Total Pantex Plant	$795,296	$825,073	$959,439

Pinellas Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	$4,070	$5,545	$3,933
Total Other Defense Activities	$4,070	$5,545	$3,933
Total Pinellas Site	$4,070	$5,545	$3,933

Portsmouth Gaseous Diffusion Plant	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
Gaseous Diffusion Plants			
Gaseous Diffusion Plants	$50,959	$50,959	$51,623
Total Non-Defense Environmental Cleanup	$50,959	$50,959	$51,623
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Pens & Comm & Reg Support Portsmouth	$1,795	$1,670	$2,013
Portsmouth Gaseous Diffusion Plant	$381,271	$408,099	$355,661
Total Uranium Enrichment D&D Fund	$383,066	$409,769	$357,674
Total Uranium Enrichment Decon. & Decom. Fund	$383,066	$409,769	$357,674
Other Defense Activities			
Office of Legacy Management			
Legacy Management	$5,900	$5,700	$5,100
Total Other Defense Activities	$5,900	$5,700	$5,100
Defense Environmental Cleanup			
Safeguards and Security			
Portsmouth	$14,259	$15,078	$16,690
Total Defense Environmental Cleanup	$14,259	$15,078	$16,690
Total Portsmouth Gaseous Diffusion Plant	$454,184	$481,506	$431,087

Princeton Plasma Physics Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$385	$385	$335
Fusion Energy Sciences			
Fusion Energy Sciences	$104,483	$107,770	$67,207
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$398	$0	$0
Safeguards and Security			
Safeguards and Security	$2,684	$3,354	$3,358
Total Science	$107,950	$111,509	$70,900
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$164	$170	$177
Total Defense Nuclear Nonproliferation	$164	$170	$177
Total Princeton Plasma Physics Laboratory	$108,114	$111,679	$71,077

Princeton Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Program Direction			
Program Direction	$1,799	$1,862	$1,895
Total Science	$1,799	$1,862	$1,895
Total Princeton Site Office	$1,799	$1,862	$1,895

Richland Operations Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Cybersecurity for Energy Delivery Systems	$200	$0	$0
Infrastructure Security & Energy Restoration	$1,411	$0	$0
Total Electricity	$1,611	$0	$0
Total Electricity	$1,611	$0	$0
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$1,415	$3,000
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$1,415	$3,000
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$1,000	$1,000	$1,000
Total Other Defense Activities	$1,000	$1,000	$1,000
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$6,937	$1,804	$1,858
Total Defense Nuclear Nonproliferation	$6,937	$1,804	$1,858
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	$100	$100	$100
Total Departmental Administration	$100	$100	$100
Defense Environmental Cleanup			
Hanford Site			
Community and Regulatory Support	$10,121	$10,121	$5,121
Office of River Protection			
Tank Farm Activities	$93,000	$56,053	$0
Program Direction			
Richland	$42,039	$46,219	$44,809
Total Defense Environmental Cleanup	$145,160	$112,393	$49,930
Total Richland Operations Office	$154,808	$116,712	$55,888

Rocky Flats Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	$37,370	$34,065	$32,668
Total Other Defense Activities	$37,370	$34,065	$32,668
Defense Environmental Cleanup			
Closure Sites			
Rocky Flats	$3,889	$2,000	$1,900
Total Defense Environmental Cleanup	$3,889	$2,000	$1,900
Total Rocky Flats Site	$41,259	$36,065	$34,568

Sandia National Laboratories	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$3,330	$2,000	$5,000
Resilient Distribution Systems	$3,459	$1,800	$2,500
Cybersecurity for Energy Delivery Systems	$700	$0	$0
Energy Storage	$19,663	$20,978	$21,000
Transformer Resilience and Advanced Components	$15	$0	$1,000
Transmission Permitting and Technical Assistance	$140	$135	$0
Infrastructure Security & Energy Restoration	$760	$0	$0
Total Electricity	$28,067	$24,913	$29,500
Total Electricity	$28,067	$24,913	$29,500
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$1,125	$11,150
CEDS	$0	$1,600	$1,800
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$2,725	$12,950
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$2,725	$12,950
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$24,310	$20,610	$1,380
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$2,093	$2,853	$2,025
Reactors Concepts RD&D			
Reactors Concepts RD&D	$3,464	$1,845	$2,700
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	$75	$15	$0
Supercritical Transformational Electric Power Generation			
Supercritical Transformational Electric Power Generation	$3,556	$4,755	$0
Total Nuclear Energy	$33,498	$30,078	$6,105
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	$6,963	$7,254	$3,951
Geothermal Technologies	$4,792	$2,635	$910
Hydrogen & Fuel Cell Technologies	$8,880	$7,542	$3,000
Water Power	$8,043	$6,706	$2,073
Solar Energy	$13,659	$10,918	$6,797
Vehicle Technologies	$15,561	$13,000	$4,000
Building Technologies	$272	$272	$75
Advanced Manufacturing	$3,000	$0	$0
Strategic Programs	$699	$750	$0
Bioenergy Technologies	$6,730	$5,920	$2,900
Total Energy Efficiency and Renewable Energy	$68,599	$54,997	$23,706

Sandia National Laboratories	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Energy Efficiency and Renewable Energy	$68,599	$54,997	$23,706
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$35,430
Total Nuclear Waste Disposal	$0	$0	$35,430
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$9,579	$17,331	$11,786
Basic Energy Sciences			
Basic Energy Sciences	$24,903	$28,219	$27,743
Biological and Environmental Research			
Biological and Environmental Research	$10,407	$10,002	$9,200
Fusion Energy Sciences			
Fusion Energy Sciences	$3,139	$1,265	$1,419
High Energy Physics			
High Energy Physics	$0	$100	$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$120	$0	$0
Total Science	$48,148	$56,917	$50,148
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$55	$55	$55
Total Office of Technology Transitions	$55	$55	$55
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$1,064,834	$1,184,044	$1,219,017
Science			
Science Campaign	$48,663	$44,460	$52,649
Engineering			
Engineering Campaign	$69,510	$74,499	$92,827
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	$57,480	$63,100	$66,931
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$173,022	$167,314	$159,801
Defense Nuclear Security			
Defense Nuclear Security	$66,266	$65,884	$67,088
Information technology and Cybersecurity			
Information technology and Cybersecurity	$19,720	$16,707	$25,872
Infrastructure and Operations			
Infrastructure and Operations	$225,572	$210,193	$222,412
Secure Transportation Asset			
Secure Transportation Asset	$69,364	$47,597	$72,202

Sandia National Laboratories	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Advanced Manufacturing Development			
Advanced Manufacturing Development	$7,703	$7,372	$11,975
Total Weapons Activities	$1,802,134	$1,881,170	$1,990,774
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$1,210	$1,210	$1,210
Total Other Defense Activities	$1,210	$1,210	$1,210
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$125,599	$123,944	$136,604
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$35,610	$43,182	$48,476
Global Material Security			
Global Material Security	$56,224	$59,551	$48,130
Material Management and Minimization			
Material Management and Minimization	$561	$1,035	$800
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$7,936	$7,674	$8,099
Total Defense Nuclear Nonproliferation	$225,930	$235,386	$242,109
Departmental Administration			
Office of Indian Energy			
Office of Indian Energy	$700	$0	$0
Total Departmental Administration	$700	$0	$0
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	$952	$350	$0
Advanced Energy Systems	$250	$250	$0
Cross Cutting Research	$3,079	$2,495	$0
Total CCS and Power Systems	$4,281	$3,095	$0
Advanced Coal Energy Systems and CCUS			
Carbon Capture Utilization and Storage	$0	$0	$195
Crosscutting Research	$0	$0	$2,679
Total Advanced Coal Energy Systems and CCUS	$0	$0	$2,874
Natural Gas Technologies			
Natural Gas Technologies	$1,000	$1,000	$0
Total Fossil Energy Research and Development	$5,281	$4,095	$2,874
Defense Environmental Cleanup			
NNSA Sites			
Sandia	$2,600	$2,600	$2,652
Total Defense Environmental Cleanup	$2,600	$2,600	$2,652

Sandia National Laboratories	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	$3,570	$3,652	$3,294
Total Strategic Petroleum Reserve	$3,570	$3,652	$3,294
Total Sandia National Laboratories	$2,219,792	$2,297,798	$2,400,807

Sandia Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Information technology and Cybersecurity			
Information technology and Cybersecurity	$0	$0	$1,017
Total Weapons Activities	$0	$0	$1,017
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$22,644	$22,972	$23,261
Total Federal Salaries and Expenses	$22,644	$22,972	$23,261
Total Sandia Site Office	$22,644	$22,972	$24,278

Savannah River National Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	$2,750	$2,420	$190
Total Nuclear Energy	$2,750	$2,420	$190
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Hydrogen & Fuel Cell Technologies	$1,128	$1,344	$500
Solar Energy	$100	$0	$0
Advanced Manufacturing	$2,005	$0	$0
Bioenergy Technologies	$290	$0	$0
Total Energy Efficiency and Renewable Energy	$3,523	$1,344	$500
Total Energy Efficiency and Renewable Energy	$3,523	$1,344	$500
Science			
Basic Energy Sciences			
Basic Energy Sciences	$0	$420	$410
Biological and Environmental Research			
Biological and Environmental Research	$50	$0	$0
Fusion Energy Sciences			
Fusion Energy Sciences	$50	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$50	$0	$0
Total Science	$150	$420	$410
Total Savannah River National Laboratory	$6,423	$4,184	$1,100

Savannah River Operations Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$100	$0	$0
Infrastructure Security & Energy Restoration	$956	$0	$0
Total Electricity	$1,056	$0	$0
Total Electricity	$1,056	$0	$0
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$400	$5,000
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$400	$5,000
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$1,050
Total Nuclear Waste Disposal	$0	$0	$1,050
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$1,619	$1,159	$2,250
Information technology and Cybersecurity			
Information technology and Cybersecurity	$0	$0	$50
Total Weapons Activities	$1,619	$1,159	$2,300
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$500	$500	$500
Total Other Defense Activities	$500	$500	$500
Defense Nuclear Nonproliferation			
Material Management and Minimization			
Material Management and Minimization	$336	$1,627	$100
Nonproliferation Construction			
Nonproliferation Construction	$277,450	$196,500	$190,000
Total Defense Nuclear Nonproliferation	$277,786	$198,127	$190,100
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$6,497	$5,716	$5,734
Total Federal Salaries and Expenses	$6,497	$5,716	$5,734
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	$6,700	$6,700	$6,700
Total Departmental Administration	$6,700	$6,700	$6,700

Savannah River Operations Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Environmental Cleanup			
Savannah River Sites			
Community and Regulatory Support	$11,249	$11,249	$4,749
Program Direction			
Savannah River	$41,055	$44,250	$44,018
Safeguards and Security			
Savannah River Site	$159,124	$163,357	$179,377
Total Defense Environmental Cleanup	$211,428	$218,856	$228,144
Total Savannah River Operations Office	$505,586	$431,458	$439,528

Savannah River Site	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$117,676	$131,713	$407,553
Science			
Science Campaign	$660	$0	$850
Engineering			
Engineering Campaign	$1,706	$1,706	$1,832
Defense Nuclear Security			
Defense Nuclear Security	$4,906	$7,537	$7,688
Information technology and Cybersecurity			
Information technology and Cybersecurity	$4,831	$5,554	$6,786
Infrastructure and Operations			
Infrastructure and Operations	$156,878	$148,726	$174,248
Advanced Manufacturing Development			
Advanced Manufacturing Development	$3,640	$5,096	$5,936
Total Weapons Activities	$290,297	$300,332	$604,893
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$6,420	$6,770	$8,579
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$2,288	$3,489	$3,594
Global Material Security			
Global Material Security	$190	$190	$200
Material Management and Minimization			
Material Management and Minimization	$69,663	$114,273	$73,208
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$4,886	$4,728	$4,969
Nonproliferation Construction			
Nonproliferation Construction	$4,097	$10,800	$79,000
Total Defense Nuclear Nonproliferation	$87,544	$140,250	$169,550
Defense Environmental Cleanup			
Savannah River Sites			
Site Risk Management Operations	$483,460	$500,719	$547,405
Radioactive Liquid Tank Waste Stabilization and Disposition	$817,605	$875,689	$910,978
Total Savannah River Sites	$1,301,065	$1,376,408	$1,458,383
Total Defense Environmental Cleanup	$1,301,065	$1,376,408	$1,458,383
Total Savannah River Site	$1,678,906	$1,816,990	$2,232,826

Savannah River Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$10	$10	$10
Total Other Defense Activities	$10	$10	$10
Total Savannah River Site Office	$10	$10	$10

Separations Process Research Unit	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Environmental Cleanup			
NNSA Sites			
Separations Processing Research Unit	$4,800	$15,000	$15,300
Total Defense Environmental Cleanup	$4,800	$15,000	$15,300
Total Separations Process Research Unit	$4,800	$15,000	$15,300

SLAC National Accelerator Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Hydrogen & Fuel Cell Technologies	$50	$50	$50
Solar Energy	$1,713	$2,445	$591
Vehicle Technologies	$5,600	$4,500	$1,500
Building Technologies	$397	$397	$115
Advanced Manufacturing	$8,395	$0	$0
Total Energy Efficiency and Renewable Energy	$16,155	$7,392	$2,256
Total Energy Efficiency and Renewable Energy	$16,155	$7,392	$2,256
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$528	$1,366	$720
Basic Energy Sciences			
Basic Energy Sciences	$415,038	$389,853	$235,574
Biological and Environmental Research			
Biological and Environmental Research	$5,949	$4,463	$3,300
Fusion Energy Sciences			
Fusion Energy Sciences	$5,550	$2,340	$6,200
High Energy Physics			
High Energy Physics	$68,126	$64,007	$48,692
Nuclear Physics			
Nuclear Physics	$1,047	$1,015	$774
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$415	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$8,800	$9,400	$3,000
Safeguards and Security			
Safeguards and Security	$4,251	$4,304	$4,328
Total Science	$509,704	$476,748	$302,588
Weapons Activities			
Science			
Science Campaign	$90	$90	$90
Total Weapons Activities	$90	$90	$90
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$50	$1,762	$1,833
Total Defense Nuclear Nonproliferation	$50	$1,762	$1,833
Fossil Energy Research and Development			
Natural Gas Technologies			
Natural Gas Technologies	$1,150	$1,150	$0
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	$150	$252	$150

SLAC National Accelerator Laboratory	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Fossil Energy Research and Development	$1,300	$1,402	$150
Total SLAC National Accelerator Laboratory	$527,299	$487,394	$306,917

Southeastern Power Administration	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Southeastern Power Admin. - Operation & Maint.			
Purchase Power and Wheeling			
Purchase Power and Wheeling	$66,070	$68,824	$80,419
Program Direction			
Program Direction	$6,379	$6,500	$6,597
Total Southeastern Power Admin. - Operation & Maint.	$72,449	$75,324	$87,016
Total Southeastern Power Administration	$72,449	$75,324	$87,016

Southwestern Power Administration	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Southwestern Power Admin. - Operation & Maint.			
Systems Operation and Maintenance			
Systems Operation and Maintenance	$16,680	$17,006	$13,639
Purchase Power and Wheeling			
Purchase Power and Wheeling	$50,000	$60,000	$93,000
SWPA Construction			
Construction	$14,932	$16,875	$15,067
Program Direction			
Program Direction	$31,335	$32,995	$35,157
Total Southwestern Power Admin. - Operation & Maint.	$112,947	$126,876	$156,863
Total Southwestern Power Administration	$112,947	$126,876	$156,863

SPRO PMO	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Strategic Petroleum Reserve			
FY 2018 Emergency Supplemental			
SPR - Facilities Development	$8,716	$0	$0
Total Strategic Petroleum Reserve	$8,716	$0	$0
Total SPRO PMO	$8,716	$0	$0

Stanford Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Transmission Reliability and Resilience	$200	$200	$1,000
Resilient Distribution Systems	$52	$26	$0
Total Electricity	$252	$226	$1,000
Total Electricity	$252	$226	$1,000
Science			
Program Direction			
Program Direction	$2,456	$2,476	$2,514
Total Science	$2,456	$2,476	$2,514
Total Stanford Site Office	$2,708	$2,702	$3,514

Strategic Petroleum Reserve - Bayou Choctaw	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	$14,985	$13,523	$13,785
Total Strategic Petroleum Reserve	$14,985	$13,523	$13,785
Total Strategic Petroleum Reserve - Bayou Choctaw	$14,985	$13,523	$13,785

Strategic Petroleum Reserve - Big Hill	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	$22,879	$22,176	$18,404
Total Strategic Petroleum Reserve	$22,879	$22,176	$18,404
Total Strategic Petroleum Reserve - Big Hill	$22,879	$22,176	$18,404

Strategic Petroleum Reserve - Bryan Mound	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	$20,144	$25,473	$17,634
Total Strategic Petroleum Reserve	$20,144	$25,473	$17,634
Total Strategic Petroleum Reserve - Bryan Mound	$20,144	$25,473	$17,634

Strategic Petroleum Reserve - West Hackberry	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	$23,972	$24,093	$22,481
Total Strategic Petroleum Reserve	$23,972	$24,093	$22,481
Total Strategic Petroleum Reserve - West Hackberry	$23,972	$24,093	$22,481

Strategic Petroleum Reserve Project Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	$108,908	$90,663	$72,916
SPR Econometric Modelling Support			
Management	$19,086	$16,974	$17,020
Total Strategic Petroleum Reserve	$127,994	$107,637	$89,936
Strategic Petroleum Reserve - Petroleum Account			
SPR - Petroleum Account			
Oil Acquisition and Transportation	$11,400	$10,000	$0
Total Strategic Petroleum Reserve - Petroleum Account	$11,400	$10,000	$0
Total Strategic Petroleum Reserve Project Office	$139,394	$117,637	$89,936

Thomas Jefferson National Accelerator Facility	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$273	$387	$382
High Energy Physics			
High Energy Physics	$25	$350	$1,227
Nuclear Physics			
Nuclear Physics	$124,332	$129,017	$125,964
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$150	$0	$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$9,900	$0	$2,000
Safeguards and Security			
Safeguards and Security	$2,717	$3,021	$3,037
Total Science	$137,397	$132,775	$132,610
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$30	$30	$30
Total Office of Technology Transitions	$30	$30	$30
Total Thomas Jefferson National Accelerator Facility	$137,427	$132,805	$132,640

Thomas Jefferson Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Program Direction			
Program Direction	$1,947	$1,971	$2,165
Total Science	$1,947	$1,971	$2,165
Total Thomas Jefferson Site Office	$1,947	$1,971	$2,165

Undesignated Lab/Plant/Installation	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Legacy Contractor Pensions			
Legacy Contractor Pensions	$232,050	$162,292	$91,200
Total Weapons Activities	$232,050	$162,292	$91,200
Defense Nuclear Nonproliferation			
Legacy Contractor Pensions			
Legacy Contractor Pensions	$40,950	$28,640	$13,700
Total Defense Nuclear Nonproliferation	$40,950	$28,640	$13,700
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
Northeast Gasoline Supply Reserve	$29,000	$29,000	$0
Total Strategic Petroleum Reserve	$29,000	$29,000	$0
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	$9,076	$9,038	$0
Total Northeast Home Heating Oil Reserve Account	$9,076	$9,038	$0
Total Undesignated Lab/Plant/Installation	$311,076	$228,970	$104,900

University of Rochester	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Weapons Activities			
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	$75,000	$80,000	$80,000
Total Weapons Activities	$75,000	$80,000	$80,000
Total University of Rochester	$75,000	$80,000	$80,000

Washington Headquarters	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Innovative Tech Loan Guarantee Prog			
Administrative Operations			
Administrative Operations	$33,000	$33,000	$3,000
Total Innovative Tech Loan Guarantee Prog	$33,000	$33,000	$3,000
Electricity			
Electricity			
Transmission Reliability and Resilience	$4,762	$19,359	$7,200
Resilient Distribution Systems	$1,931	$17,363	$3,000
Cybersecurity for Energy Delivery Systems	$2,372	$0	$0
Energy Storage	$1,703	$6,622	$4,500
Transformer Resilience and Advanced Components	$135	$6,779	$3,000
Transmission Permitting and Technical Assistance	$1,236	$4,140	$2,300
Infrastructure Security & Energy Restoration	$3,022	$0	$0
Program Direction	$23,006	$13,824	$16,026
Total Electricity	$38,167	$68,087	$36,026
Total Electricity	$38,167	$68,087	$36,026
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$8,060	$11,500
CEDS	$0	$20,575	$10,700
Program Direction	$0	$8,516	$8,698
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$37,151	$30,898
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$37,151	$30,898
Nuclear Energy			
University Research Program			
University Research	$0	$5,000	$0
Fuel Cycle R & D			
Fuel Cycle R & D	$17,640	$15,278	$3,509
Radiological Facilities Management			
Radiological Facilities Management	$26	$22	$8
Idaho Facilities Management			
Idaho Facilities Management	$491	$1,220	$1,000
Idaho Sitewide Safeguards and Security			
Idaho Sitewide Safeguards and Security	$120	$202	$202
Program Direction-NE			
Program Direction-NE	$39,079	$45,407	$31,998
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	$25,761	$34,836	$8,411
Reactors Concepts RD&D			
Reactors Concepts RD&D	$21,389	$71,705	$13,950
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	$103	$138	$0

Washington Headquarters	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Supercritical Transformational Electric Power Generation			
Supercritical Transformational Electric Power Generation	$393	$245	$0
Total Nuclear Energy	$105,002	$174,053	$59,078
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	$14,450	$18,912	$2,670
Program Direction	$125,763	$128,669	$101,230
Geothermal Technologies	$8,030	$35,006	$6,190
Hydrogen & Fuel Cell Technologies	$7,388	$8,754	$2,000
Water Power	$9,341	$20,660	$9,674
Solar Energy	$48,648	$42,073	$18,540
Vehicle Technologies	$0	$0	$4,000
Building Technologies	$67,271	$62,465	$17,485
Federal Energy Management Program	$7,353	$8,784	$2,231
Weatherization	$247,887	$254,544	$0
State Energy Program Grants	$50,940	$51,275	$0
Advanced Manufacturing	$27,986	$157,630	$54,500
Strategic Programs	$6,420	$5,000	$0
Bioenergy Technologies	$5,358	$37,576	$2,500
Total Energy Efficiency and Renewable Energy	$626,835	$831,348	$221,020
Total Energy Efficiency and Renewable Energy	$626,835	$831,348	$221,020
Advanced Researched Projects Agency-Energy			
Advanced Researched Projects Agency-Energy			
Projects	$324,064	$334,750	$0
Program Direction	$29,250	$31,250	$0
Total Advanced Researched Projects Agency-Energy	$353,314	$366,000	$0
Total Advanced Researched Projects Agency-Energy	$353,314	$366,000	$0
Tribal Indian Energy Loan Guarantee Program			
Tribal Indian Energy Loan Guarantee Program			
Administrative Operations	$1,000	$1,000	$0
Total Tribal Indian Energy Loan Guarantee Program	$1,000	$1,000	$0
Advance Technology Vehicles Man Loan Program			
Energy Transformation Acceleration Fund			
Administrative Expenses	$5,000	$5,000	$0
Total Advance Technology Vehicles Man Loan Program	$5,000	$5,000	$0
Uranium Enrichment Decon. & Decom. Fund			
U/TH Reimbursements			
U/TH Reimbursements	$35,732	$11,000	$21,035
Total Uranium Enrichment Decon. & Decom. Fund	$35,732	$11,000	$21,035
Nuclear Waste Disposal			

Washington Headquarters	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	$0	$0	$31,364
Total Nuclear Waste Disposal	$0	$0	$31,364
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	$72,603	$68,955	$125,253
Basic Energy Sciences			
Basic Energy Sciences	$311,070	$147,264	$186,597
Biological and Environmental Research			
Biological and Environmental Research	$27,540	$122,814	$66,218
Fusion Energy Sciences			
Fusion Energy Sciences	$78,021	$130,512	$91,396
High Energy Physics			
High Energy Physics	$98,884	$98,294	$97,641
Nuclear Physics			
Nuclear Physics	$83,524	$105,783	$92,640
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	$0	$22,500	$19,500
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$0	$11,500	$9,000
Safeguards and Security			
Safeguards and Security	$8,254	$4,583	$9,592
Program Direction			
Program Direction	$91,775	$92,066	$94,548
Total Science	$771,671	$804,271	$792,385
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	$3,733	$5,362	$5,937
Total Office of Technology Transitions	$3,733	$5,362	$5,937
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$90,030	$270,758	$325,246
Science			
Science Campaign	$27,266	$30,966	$38,746
Engineering			
Engineering Campaign	$2,070	$1,989	$7,018
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	$9,023	$7,111	$7,767
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$42,151	$119,802	$210,572
Defense Nuclear Security			
Defense Nuclear Security	$95,582	$30,321	$116,320
Information technology and Cybersecurity			
Information technology and Cybersecurity	$102,495	$142,464	$209,255

Washington Headquarters	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Infrastructure and Operations			
Infrastructure and Operations	$121,899	$156,120	$226,821
Secure Transportation Asset			
Secure Transportation Asset	$105,600	$102,022	$107,660
Advanced Manufacturing Development			
Advanced Manufacturing Development	$1,800	$1,351	$4,107
Total Weapons Activities	$597,916	$862,904	$1,253,512
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$114,174	$117,320	$123,109
Program Direction	$68,253	$69,000	$72,881
Total Environment, Health, Safety and Security	$182,427	$186,320	$195,990
Enterprise Assessments			
Enterprise Assessments	$23,918	$23,918	$23,918
Program Direction	$50,863	$52,702	$57,211
Total Enterprise Assessments	$74,781	$76,620	$81,129
Specialized Security Activities			
Specialized Security Activities	$262,912	$266,378	$254,578
Hearings and Appeals			
Program Direction	$5,605	$5,739	$4,852
Office of Legacy Management			
Legacy Management	$18,575	$20,033	$162,139
Total Other Defense Activities	$544,300	$555,090	$698,688
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$15,572	$75,209	$21,023
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$29,161	$76,456	$80,596
Global Material Security			
Global Material Security	$2,913	$3,077	$2,617
Material Management and Minimization			
Material Management and Minimization	$56,006	$20,498	$12,361
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$10,813	$5,379	$6,338
Nonproliferation Construction			
Nonproliferation Construction	$45,683	$4,614	$30,000
Total Defense Nuclear Nonproliferation	$160,148	$185,233	$152,935
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	$132,100	$145,661	$142,813
Total Naval Reactors	$132,100	$145,661	$142,813
Federal Salaries and Expenses			

Washington Headquarters	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Federal Salaries and Expenses			
Federal Salaries and Expenses	$293,450	$291,328	$314,011
Total Federal Salaries and Expenses	$293,450	$291,328	$314,011
Departmental Administration			
Energy Policy and Systems Analysis			
Energy Policy and Systems	$9,747	$0	$0
Analysis Office of Policy			
Office of Policy	$0	$10,010	$8,000
Total Office of Policy	$0	$10,010	$8,000
Departmental Administration			
Program Direction	$15,192	$15,005	$14,255
Total Departmental Administration	$15,192	$15,005	$14,255
Small and Disadvantaged Business Utilization			
Program Direction	$3,000	$3,170	$3,609
Total Small and Disadvantaged Business Utilization	$3,000	$3,170	$3,609
Office of Indian Energy			
Office of Indian Energy	$11,267	$0	$0
Chief Financial Officer			
Program Direction	$47,000	$47,428	$50,516
Program Direction			
Program Direction	$25,513	$26,125	$24,316
Total Program Direction	$25,513	$26,125	$24,316
Congressional, and Intergovernmental Affairs			
Program Direction	$6,200	$6,200	$5,895
Public Affairs			
Program Direction	$6,589	$6,594	$6,260
General Counsel			
Program Direction	$33,000	$33,075	$33,075
Office of the Secretary			
Program Direction	$5,300	$5,395	$5,119
Management			
Program Direction	$54,745	$55,385	$54,358
Economic Impact & Diversity			
Program Direction	$10,169	$10,169	$9,494
Chief Information Officer			
Program Direction	$34,905	$40,304	$46,702
Cybersecurity and Secure Management	$70,874	$71,501	$52,855
Corporate IT Program Support	$20,495	$19,819	$24,997
Total Chief Information Officer	$126,274	$131,624	$124,554
Total Departmental Administration	$353,996	$350,180	$339,451
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	$49,000	$51,330	$54,215

Washington Headquarters	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Office of the Inspector General	$49,000	$51,330	$54,215
Federal Energy Regulatory Commission			
Just and Reasonable Rates, Terms and Conditions			
Just and Reasonable Rates, Terms and Conditions	$168,111	$171,318	$176,468
Safe, Reliable, Secure, & Efficient Infrastructure			
Safe, Reliable, Secure, & Efficient Infrastructure	$131,836	$130,090	$132,286
Mission Support through Organizational Excellence			
Mission Support through Organizational Excellence	$67,653	$68,492	$73,246
Total Federal Energy Regulatory Commission	$367,600	$369,900	$382,000
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	$42,432	$55,504	$0
Carbon Storage	$17,872	$60,042	$0
Advanced Energy Systems	$61,129	$95,881	$0
Cross Cutting Research	$7,806	$7,400	$0
Total CCS and Power Systems	$129,239	$218,827	$0
Natural Gas Technologies			
Natural Gas Technologies	$4,530	$5,047	$2,000
Program Direction			
Headquarters Program Direction	$32,004	$33,840	$33,471
Special Recruitment Programs			
Special Recruitment Programs	$700	$700	$700
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	$3,396	$29,671	$3,400
Total Fossil Energy Research and Development	$169,869	$288,085	$39,571
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Management	$1,000	$1,000	$1,000
Total Naval Petroleum and Oil Shale Reserves	$1,000	$1,000	$1,000
Defense Environmental Cleanup			
Program Direction			
Headquarters	$97,489	$83,630	$73,875
Program Support			
Program Support	$14,979	$12,979	$12,979
Technology Development			
Technology Development	$35,000	$25,000	$0
Total Defense Environmental Cleanup	$147,468	$121,609	$86,854
Strategic Petroleum Reserve			
SPR Econometric Modelling Support			
Management	$8,440	$8,430	$7,430

Washington Headquarters	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Strategic Petroleum Reserve	$8,440	$8,430	$7,430
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	$924	$962	$0
Total Northeast Home Heating Oil Reserve Account	$924	$962	$0
Energy Information Administration			
Energy Information Administration			
National Energy Information System	$125,000	$125,000	$118,000
Total Energy Information Administration	$125,000	$125,000	$118,000
Total Washington Headquarters	$4,924,665	$5,692,984	$4,791,223

Waste Isolation Pilot Plant	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$56	$38	$39
Material Management and Minimization			
Material Management and Minimization	$7,201	$9,722	$9,500
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$0	$325	$0
Total Defense Nuclear Nonproliferation	$7,257	$10,085	$9,539
Defense Environmental Cleanup			
Waste Isolation Pilot Plant			
Operation and Maintenance	$322,217	$305,212	$327,242
Transportation	$21,854	$25,500	$26,500
Total Waste Isolation Pilot Plant	$344,071	$330,712	$353,742
Total Defense Environmental Cleanup	$344,071	$330,712	$353,742
Total Waste Isolation Pilot Plant	$351,328	$340,797	$363,281

Weldon Spring Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	$7,482	$2,996	$3,193
Total Other Defense Activities	$7,482	$2,996	$3,193
Total Weldon Spring Site Office	$7,482	$2,996	$3,193

West Valley Demonstration Project	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Non-Defense Environmental Cleanup			
West Valley Demonstration Project			
West Valley Demonstration Project	$75,000	$75,000	$75,215
Total Non-Defense Environmental Cleanup	$75,000	$75,000	$75,215
Defense Environmental Cleanup			
Safeguards and Security			
West Valley	$3,098	$3,133	$3,196
Total Defense Environmental Cleanup	$3,098	$3,133	$3,196
Total West Valley Demonstration Project	$78,098	$78,133	$78,411

Western Area Power Administration	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Electricity			
Electricity			
Cybersecurity for Energy Delivery Systems	$45	$0	$0
Transmission Permitting and Technical Assistance	$300	$0	$0
Infrastructure Security & Energy Restoration	$1,000	$0	$0
Program Direction	$3	$0	$0
Total Electricity	$1,348	$0	$0
Total Electricity	$1,348	$0	$0
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	$0	$0	$1,000
CEDS	$0	$155	$0
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$155	$1,000
Total Cybersecurity, Energy Security, and Emergency Resp	$0	$155	$1,000
Departmental Administration			
Office of Indian Energy			
Office of Indian Energy	$150	$0	$0
Total Departmental Administration	$150	$0	$0
Falcon & Amistad - Operating & Maintenance Fund			
Falcon & Amistad Operating and Maintenance Fund			
Falcon & Amistad - Operating and Maintenance	$4,176	$4,068	$4,460
Total Falcon & Amistad - Operating & Maintenance Fund	$4,176	$4,068	$4,460
Western Area Power Admin. Const.,Rehab.,O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	$288,111	$300,295	$330,422
Program Direction			
Program Direction	$197,324	$199,347	$205,372
Total Western Area Power Admin. Const.,Rehab.,O&M	$485,435	$499,642	$535,794
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	$127,055	$157,389	$153,132
Program Direction			
Program Direction	$58,341	$62,948	$67,112
Total Colorado River Basins Power Marketing Fund	$185,396	$220,337	$220,244
Total Western Area Power Administration	$676,505	$724,202	$761,498

Y-12 National Security Complex	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Science			
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	$500	$1,250	$0
Total Science	$500	$1,250	$0
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	$427,512	$561,017	$563,664
Science			
Science Campaign	$677	$252	$350
Engineering			
Engineering Campaign	$2,332	$2,332	$4,395
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	$500	$500	$0
Defense Nuclear Security			
Defense Nuclear Security	$215,181	$167,532	$167,465
Information technology and Cybersecurity			
Information technology and Cybersecurity	$6,863	$6,765	$7,572
Infrastructure and Operations			
Infrastructure and Operations	$1,040,107	$1,033,857	$1,071,977
Secure Transportation Asset			
Secure Transportation Asset	$5	$5	$0
Advanced Manufacturing Development			
Advanced Manufacturing Development	$38,046	$34,576	$73,628
Total Weapons Activities	$1,731,223	$1,806,836	$1,889,051
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	$6,465	$2,568	$1,507
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	$2,689	$2,938	$3,026
Global Material Security			
Global Material Security	$10,319	$11,747	$8,633
Material Management and Minimization			
Material Management and Minimization	$25,144	$29,886	$33,748
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	$3,427	$3,300	$3,486
Total Defense Nuclear Nonproliferation	$48,044	$50,439	$50,400
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	$2,278	$2,240	$2,240
Total Federal Salaries and Expenses	$2,278	$2,240	$2,240
Total Y-12 National Security Complex	$1,782,045	$1,860,765	$1,941,691

Y-12 Site Office	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	$20	$20	$20
Total Other Defense Activities	$20	$20	$20
Defense Environmental Cleanup			
Oak Ridge Reservation			
Nuclear Facility D & D, Y-12	$37,093	$35,000	$31,886
OR Technology Development and Deployment	$3,000	$3,000	$3,000
Total Oak Ridge Reservation	$40,093	$38,000	$34,886
Total Defense Environmental Cleanup	$40,093	$38,000	$34,886
Total Y-12 Site Office	$40,113	$38,020	$34,906