

Department of Energy FY 2018 Congressional Budget Request



Laboratory Tables Preliminary

Department of Energy

FY 2018 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 both the discretionary and mandatory funding in the budget. 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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 Laboratory Table
 (Dollars In Thousands)

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Page Number	Laboratory / Facility Index	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
1	Ames Laboratory	\$53,556	\$28,669	\$22,690
2	Ames Site Office	\$536	\$633	\$322
3	Argonne National Laboratory	\$622,400	\$587,085	\$517,622
5	Argonne Site Office	\$3,852	\$4,449	\$4,314
6	Bechtel Marine Propulsion Center	\$1,450	\$432	\$330
7	Berkeley Site Office	\$2,970	\$3,377	\$3,298
8	Bettis Atomic Power Laboratory	\$485,696	\$521,874	\$556,205
9	Brookhaven National Laboratory	\$505,452	\$472,409	\$394,637
11	Brookhaven Site Office	\$4,262	\$4,814	\$4,485
12	Carlsbad Area Office	\$16,886	\$16,814	\$17,750
13	Chicago Operations Office	\$966,565	\$839,037	\$636,859
15	Consolidated Business Center	\$33,711	\$33,771	\$34,345
16	East Tennessee Technology Park (K25)	\$229,357	\$229,074	\$181,500
17	Energy Technology Engineering Center	\$10,459	\$10,439	\$9,000
18	Fermi National Accelerator Laboratory	\$384,305	\$374,873	\$384,565
19	Fermi Site Office	\$2,359	\$2,613	\$2,463
20	Fernald Environmental Management Project	\$1,300	\$1,298	\$1,000
21	Fernald Site	\$15,785	\$13,369	\$14,240
22	General Atomics Site	\$24,000	\$24,420	\$24,125
23	Golden Field Office	\$607,349	\$557,456	\$78,902
24	Grand Junction Office	\$34,150	\$33,672	\$37,570
25	Hanford Site	\$970,952	\$969,084	\$781,032
26	Idaho National Laboratory	\$1,209,124	\$1,147,271	\$1,052,335
29	Idaho Operations Office	\$242,019	\$244,708	\$131,590
31	Kansas City National Security Complex (KCNSC)	\$435,992	\$404,304	\$526,273
32	Kansas City Site Office	\$186,635	\$139,721	\$144,874
33	Knolls Atomic Power Laboratory	\$596,959	\$574,568	\$601,952
34	Lawrence Berkeley National Laboratory	\$727,972	\$695,777	\$505,291
37	Lawrence Livermore National Laboratory	\$1,266,773	\$1,267,154	\$1,390,365
40	Lexington Office	\$200	\$200	\$200
41	Livermore Site Office	\$18,062	\$16,819	\$18,808
42	Los Alamos National Laboratory	\$2,201,749	\$2,119,622	\$2,226,232
45	Los Alamos Site Office	\$14,862	\$14,925	\$16,185
46	Miamisburg Site	\$9,500	\$9,482	\$0
47	Moab Site	\$38,644	\$38,571	\$35,315
48	Morgantown Office	\$11,462	\$11,925	\$16,211
49	Mound Site	\$15,611	\$12,583	\$12,327
50	National Energy Technology Lab	\$844,566	\$825,990	\$339,985
52	National Renewable Energy Laboratory	\$299,895	\$292,557	\$231,442

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Page Number	Laboratory / Facility Index	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
54	Naval Petroleum Reserve No 1	\$13,330	\$13,305	\$17,600
55	Naval Petroleum Reserve No 3	\$3,100	\$3,094	\$1,600
56	Naval Research Laboratory	\$25,400	\$31,120	\$32,770
57	Nevada Field Office	\$115,870	\$121,528	\$161,970
58	Nevada National Security Site	\$414,714	\$373,542	\$408,732
59	Nevada Operations Office	\$365	\$300	\$0
60	New Brunswick Laboratory	\$272	\$380	\$227
61	New Brunswick Laboratory Program Office	\$4,793	\$2,465	\$2,608
62	NNSA Albuquerque Complex	\$689,477	\$492,033	\$752,651
64	NNSA Production Office (NPO)	\$24,092	\$25,008	\$29,865
65	NNSA Production Site Office	\$4,890	\$10,451	\$29,768
66	Oak Ridge Institute for Science & Education	\$45,937	\$20,924	\$10,941
68	Oak Ridge National Laboratory	\$1,268,535	\$1,247,765	\$1,062,377
71	Oak Ridge National Laboratory Site Office	\$5,466	\$6,134	\$5,365
72	Oak Ridge Office	\$90,496	\$87,526	\$101,671
74	Oak Ridge Reservation	\$74,597	\$74,455	\$67,737
75	Oak Ridge Reservation (Off-Site)	\$4,400	\$4,392	\$4,605
76	Office of River Protection	\$1,368,220	\$1,365,674	\$1,443,441
77	Office of Scientific & Technical Information	\$12,393	\$11,242	\$9,837
78	Ohio Field Office	\$5	\$5	\$5
79	Pacific Northwest National Laboratory	\$616,201	\$554,282	\$402,198
82	Pacific Northwest Site Office	\$4,855	\$4,969	\$4,651
83	Paducah Gaseous Diffusion Plant	\$283,745	\$283,525	\$286,726
84	Pantex Plant	\$661,416	\$712,594	\$748,831
85	Pantex Site Office	\$0	\$0	\$0
86	Pinellas Site	\$7,643	\$6,130	\$4,570
87	Portsmouth Gaseous Diffusion Plant	\$295,070	\$386,712	\$421,803
88	Princeton Plasma Physics Laboratory	\$97,431	\$81,089	\$66,762
89	Princeton Site Office	\$1,764	\$1,607	\$1,602
90	Richland Operations Office	\$137,590	\$137,491	\$156,754
91	Rocky Flats Site	\$57,049	\$46,187	\$40,460
92	Sandia National Laboratories	\$1,897,535	\$1,878,323	\$2,085,770
95	Sandia Site Office	\$20,869	\$22,429	\$22,886
96	Savannah River National Laboratory	\$16,207	\$11,318	\$6,766
97	Savannah River Operations Office	\$527,316	\$522,325	\$471,533
99	Savannah River Site	\$1,497,418	\$1,490,521	\$1,688,056
100	Savannah River Site Office	\$4,839	\$5,161	\$5,539
101	Separations Process Research Unit	\$0	\$0	\$1,800
102	SLAC National Accelerator Laboratory	\$553,380	\$553,719	\$428,708

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Laboratory Table
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Page Number	Laboratory / Facility Index	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
103	Southeastern Power Administration	\$90,500	\$90,328	\$81,434
104	Southwestern Power Administration	\$136,223	\$136,013	\$155,947
105	Stanford Site Office	\$2,309	\$2,404	\$2,327
106	Strategic Petroleum Reserve - Bayou Choctaw	\$10,617	\$10,597	\$13,017
107	Strategic Petroleum Reserve - Big Hill	\$27,446	\$27,394	\$19,956
108	Strategic Petroleum Reserve - Bryan Mound	\$19,363	\$19,326	\$16,923
109	Strategic Petroleum Reserve - West Hackberry	\$30,200	\$30,143	\$20,679
110	Strategic Petroleum Reserve Project Office	\$112,780	\$487,965	\$458,699
111	Thomas Jefferson National Accelerator Facility	\$123,778	\$115,803	\$99,535
112	Thomas Jefferson Site Office	\$1,835	\$1,861	\$1,739
113	Undesignated Lab/Plant/Installation	\$7,600	\$7,586	\$15,952
114	University of Rochester	\$64,264	\$62,800	\$66,852
115	Washington Headquarters	\$4,018,178	\$4,690,177	\$4,436,362
122	Waste Isolation Pilot Plant	\$300,029	\$299,428	\$317,864
123	Weldon Spring Site Office	\$3,061	\$7,911	\$7,482
124	West Valley Demonstration Project	\$61,804	\$61,687	\$63,683
125	Western Area Power Administration	\$888,008	\$885,832	\$810,492
126	Y-12 National Security Complex	\$397,486	\$433,217	\$406,504
127	Y-12 Site Office	\$979,219	\$1,143,086	\$1,269,094
128	Yucca Mountain Site Office	\$2,505	\$2,475	\$0
Total Department Of Energy		\$31,221,262	\$31,651,597	\$30,210,365

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Ames Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$120	\$120	\$0
<i>Total Electricity Delivery and Energy Reliability</i>	\$120	\$120	\$0
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Hydrogen & Fuel Cell Technologies	\$400	\$100	\$150
Vehicle Technologies	\$1,900	\$2,000	\$0
Advanced Manufacturing	\$25,000	\$0	\$3,500
Bioenergy Technologies	\$13	\$611	\$0
<i>Total Energy Efficiency and Renewable Energy</i>	\$27,313	\$2,711	\$3,650
<i>Total Energy Efficiency and Renewable Energy</i>	\$27,313	\$2,711	\$3,650
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$98	\$0	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$21,332	\$19,245	\$16,611
Biological and Environmental Research			
Biological and Environmental Research	\$1,200	\$1,200	\$1,000
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$445	\$410	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$0	\$2,000	\$0
Safeguards and Security			
Safeguards and Security	\$1,293	\$1,231	\$1,229
<i>Total Science</i>	\$24,368	\$24,086	\$18,840
Fossil Energy Research and Development			
CCS and Power Systems			
Advanced Energy Systems	\$500	\$499	\$0
Cross Cutting Research	\$1,255	\$1,253	\$200
<i>Total CCS and Power Systems</i>	\$1,755	\$1,752	\$200
<i>Total Fossil Energy Research and Development</i>	\$1,755	\$1,752	\$200
<i>Total Ames Laboratory</i>	\$53,556	\$28,669	\$22,690

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Ames Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$536	\$633	\$322
<i>Total Science</i>	\$536	\$633	\$322
<i>Total Ames Site Office</i>	\$536	\$633	\$322

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Argonne National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
<i>Electricity Delivery and Energy Reliability</i>			
Transmission Reliability	\$2,989	\$2,983	\$1,050
Resilient Distribution Systems	\$3,341	\$3,335	\$1,755
Cybersecurity for Energy Delivery Systems	\$808	\$806	\$0
Energy Storage	\$143	\$143	\$0
Transformer Resilience and Advanced Components	\$35	\$35	\$50
Transmission Permitting and Technical Assistance	\$305	\$304	\$277
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$7,621	\$7,606	\$3,132
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<i>Total Electricity Delivery and Energy Reliability</i>	\$7,621	\$7,606	\$3,132
Nuclear Energy			
<i>Fuel Cycle R & D</i>			
Fuel Cycle R & D	\$12,944	\$12,900	\$5,360
<i>Nuclear Energy Enabling Technologies</i>			
Nuclear Energy Enabling Technologies	\$8,527	\$5,455	\$5,030
<i>Reactors Concepts RD&D</i>			
Reactors Concepts RD&D	\$17,560	\$17,370	\$11,800
<i>International Nuclear Energy Cooperation</i>			
International Nuclear Energy Cooperation	\$725	\$425	\$70
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<i>Total Nuclear Energy</i>	\$39,756	\$36,150	\$22,260
Energy Efficiency and Renewable Energy			
<i>Energy Efficiency and Renewable Energy</i>			
Wind Energy	\$625	\$1,464	\$830
Hydrogen & Fuel Cell Technologies	\$9,000	\$7,123	\$2,409
Water Power	\$0	\$381	\$300
Solar Energy	\$589	\$1,613	\$1,000
Vehicle Technologies	\$43,647	\$41,404	\$21,709
Building Technologies	\$260	\$783	\$0
Advanced Manufacturing	\$3,730	\$5,045	\$3,000
Bioenergy Technologies	\$5,271	\$6,151	\$2,834
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$63,122	\$63,964	\$32,082
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<i>Total Energy Efficiency and Renewable Energy</i>	\$63,122	\$63,964	\$32,082
Nuclear Waste Disposal			
<i>Yucca Mountain and Interim Storage</i>			
Yucca Mountain and Interim Storage	\$0	\$0	\$800
<hr/>			
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$800
Science			
<i>Advanced Scientific Computing Research</i>			
Advanced Scientific Computing Research	\$96,615	\$83,956	\$103,472
<i>Basic Energy Sciences</i>			
Basic Energy Sciences	\$247,813	\$236,609	\$214,738

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Argonne National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Biological and Environmental Research			
Biological and Environmental Research	\$32,206	\$30,518	\$19,598
High Energy Physics			
High Energy Physics	\$17,347	\$15,973	\$12,700
Nuclear Physics			
Nuclear Physics	\$29,506	\$28,530	\$23,975
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$1,231	\$1,180	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$27,510	\$26,418	\$29,605
Safeguards and Security			
Safeguards and Security	\$9,022	\$9,245	\$9,166
<i>Total Science</i>	\$461,250	\$432,429	\$413,254
Weapons Activities			
Science			
Science Campaign	\$0	\$300	\$300
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$500	\$500	\$0
Infrastructure and Operations			
Infrastructure and Operations	\$10	\$50	\$0
<i>Total Weapons Activities</i>	\$510	\$850	\$300
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$945	\$945	\$945
<i>Total Other Defense Activities</i>	\$945	\$945	\$945
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$4,072	\$4,913	\$5,294
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$2,764	\$2,751	\$3,371
Global Material Security			
Global Material Security	\$1,143	\$1,298	\$1,285
Material Management and Minimization			
Material Management and Minimization	\$32,560	\$26,902	\$25,536
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$8,657	\$9,277	\$9,363
<i>Total Defense Nuclear Nonproliferation</i>	\$49,196	\$45,141	\$44,849
<i>Total Argonne National Laboratory</i>	\$622,400	\$587,085	\$517,622

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Argonne Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$3,852	\$4,449	\$4,314
<i>Total Science</i>	\$3,852	\$4,449	\$4,314
<i>Total Argonne Site Office</i>	\$3,852	\$4,449	\$4,314

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Bechtel Marine Propulsion Center	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	\$1,450	\$432	\$330
<i>Total Weapons Activities</i>	\$1,450	\$432	\$330
<i>Total Bechtel Marine Propulsion Center</i>	\$1,450	\$432	\$330

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Berkeley Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$2,970	\$3,377	\$3,298
<i>Total Science</i>	\$2,970	\$3,377	\$3,298
<i>Total Berkeley Site Office</i>	\$2,970	\$3,377	\$3,298

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Bettis Atomic Power Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	\$485,696	\$521,874	\$556,205
<i>Total Naval Reactors</i>	\$485,696	\$521,874	\$556,205
<i>Total Bettis Atomic Power Laboratory</i>	\$485,696	\$521,874	\$556,205

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Brookhaven National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	\$0	\$0	\$2,000
<i>Total Non-Defense Environmental Cleanup</i>	\$0	\$0	\$2,000
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$346	\$345	\$300
Resilient Distribution Systems	\$160	\$160	\$85
Cybersecurity for Energy Delivery Systems	\$111	\$111	\$0
Energy Storage	\$4	\$4	\$0
Transmission Permitting and Technical Assistance	\$7	\$7	\$0
<i>Total Electricity Delivery and Energy Reliability</i>	\$628	\$627	\$385
<i>Total Electricity Delivery and Energy Reliability</i>	\$628	\$627	\$385
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$2,145	\$2,100	\$1,440
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$85	\$85	\$85
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$0	\$30	\$5
<i>Total Nuclear Energy</i>	\$2,230	\$2,215	\$1,530
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Geothermal Technologies	\$500	\$425	\$425
Hydrogen & Fuel Cell Technologies	\$1,300	\$819	\$50
Vehicle Technologies	\$2,052	\$1,768	\$1,300
<i>Total Energy Efficiency and Renewable Energy</i>	\$3,852	\$3,012	\$1,775
<i>Total Energy Efficiency and Renewable Energy</i>	\$3,852	\$3,012	\$1,775
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$971	\$1,180	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$193,047	\$173,628	\$134,626
Biological and Environmental Research			
Biological and Environmental Research	\$11,938	\$9,814	\$7,200
High Energy Physics			
High Energy Physics	\$74,291	\$68,619	\$46,440
Nuclear Physics			
Nuclear Physics	\$191,339	\$189,280	\$176,245
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$1,964	\$1,310	\$0

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Brookhaven National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$0	\$0	\$1,500
Safeguards and Security			
Safeguards and Security	\$13,416	\$12,369	\$12,413
<i>Total Science</i>	\$486,966	\$456,200	\$378,424
Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	\$200	\$216	\$275
<i>Total Weapons Activities</i>	\$200	\$216	\$275
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$250	\$250	\$250
<i>Total Other Defense Activities</i>	\$250	\$250	\$250
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$2,542	\$2,532	\$2,729
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$2,670	\$1,999	\$2,310
Global Material Security			
Global Material Security	\$1,344	\$792	\$546
Material Management and Minimization			
Material Management and Minimization	\$703	\$781	\$593
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$4,067	\$3,785	\$3,820
<i>Total Defense Nuclear Nonproliferation</i>	\$11,326	\$9,889	\$9,998
<i>Total Brookhaven National Laboratory</i>	\$505,452	\$472,409	\$394,637

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Brookhaven Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$4,262	\$4,814	\$4,485
<i>Total Science</i>	\$4,262	\$4,814	\$4,485
<i>Total Brookhaven Site Office</i>	\$4,262	\$4,814	\$4,485

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Carlsbad Area Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Defense Environmental Cleanup			
Program Direction			
Carlsbad	\$12,026	\$12,026	\$12,550
Safeguards and Security			
Waste Isolation Pilot Plant	\$4,860	\$4,788	\$5,200
<i>Total Defense Environmental Cleanup</i>	\$16,886	\$16,814	\$17,750
<i>Total Carlsbad Area Office</i>	\$16,886	\$16,814	\$17,750

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Chicago Operations Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Energy Storage	\$60	\$60	\$0
<i>Total Electricity Delivery and Energy Reliability</i>	\$60	\$60	\$0
Nuclear Energy			
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$410	\$400	\$400
<i>Total Nuclear Energy</i>	\$410	\$400	\$400
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$75	\$0	\$0
Hydrogen & Fuel Cell Technologies	\$2,500	\$0	\$0
Vehicle Technologies	\$158	\$0	\$0
<i>Total Energy Efficiency and Renewable Energy</i>	\$2,733	\$0	\$0
<i>Total Energy Efficiency and Renewable Energy</i>	\$2,733	\$0	\$0
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$38,507	\$31,158	\$11,929
Basic Energy Sciences			
Basic Energy Sciences	\$302,252	\$286,394	\$277,466
Biological and Environmental Research			
Biological and Environmental Research	\$130,050	\$97,066	\$41,159
Fusion Energy Sciences			
Fusion Energy Sciences	\$167,025	\$111,775	\$100,974
High Energy Physics			
High Energy Physics	\$117,581	\$105,432	\$58,140
Nuclear Physics			
Nuclear Physics	\$180,973	\$179,680	\$123,713
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$1,149	\$1,710	\$1,713
Safeguards and Security			
Safeguards and Security	\$45	\$45	\$50
Program Direction			
Program Direction	\$25,240	\$23,567	\$21,065
<i>Total Science</i>	\$962,822	\$836,827	\$636,209
Weapons Activities			
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$290	\$1,500	\$0
<i>Total Weapons Activities</i>	\$290	\$1,500	\$0
Other Defense Activities			

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Chicago Operations Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$50	\$50	\$50
<i>Total Other Defense Activities</i>	\$50	\$50	\$50
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$200	\$200	\$200
<i>Total Departmental Administration</i>	\$200	\$200	\$200
<i>Total Chicago Operations Office</i>	\$966,565	\$839,037	\$636,859

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Consolidated Business Center	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
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Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	\$470	\$530	\$530
<hr/>			
<i>Total Weapons Activities</i>	\$470	\$530	\$530
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$259	\$259	\$259
<hr/>			
<i>Total Other Defense Activities</i>	\$259	\$259	\$259
Defense Environmental Cleanup			
Program Direction			
Consolidated Business Center	\$32,982	\$32,982	\$33,556
<hr/>			
<i>Total Defense Environmental Cleanup</i>	\$32,982	\$32,982	\$33,556
<hr/>			
<i>Total Consolidated Business Center</i>	\$33,711	\$33,771	\$34,345

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East Tennessee Technology Park (K25)	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Non-Defense Environmental Cleanup			
Small Sites			
Oak Ridge – ETPP	\$6,000	\$5,989	\$0
<hr/>			
<i>Total Non-Defense Environmental Cleanup</i>	\$6,000	\$5,989	\$0
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Pension & comm & Reg Suport Oak Ridge	\$16,856	\$16,856	\$19,274
Oak Ridge	\$194,673	\$194,673	\$145,726
<hr/>			
<i>Total Uranium Enrichment D&D Fund</i>	\$211,529	\$211,529	\$165,000
<hr/>			
<i>Total Uranium Enrichment Decon. & Decom. Fund</i>	\$211,529	\$211,529	\$165,000
Defense Environmental Cleanup			
Safeguards and Security			
Oak Ridge Reservation	\$11,828	\$11,556	\$16,500
<hr/>			
<i>Total Defense Environmental Cleanup</i>	\$11,828	\$11,556	\$16,500
<hr/>			
<i>Total East Tennessee Technology Park (K25)</i>	\$229,357	\$229,074	\$181,500

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Energy Technology Engineering Center	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	\$10,459	\$10,439	\$9,000
<i>Total Non-Defense Environmental Cleanup</i>	\$10,459	\$10,439	\$9,000
Defense Environmental Cleanup			
Oak Ridge Reservation			
Nuclear Facility D & D, ETPP	\$0	\$0	\$0
<i>Total Defense Environmental Cleanup</i>	\$0	\$0	\$0
<i>Total Energy Technology Engineering Center</i>	\$10,459	\$10,439	\$9,000

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Fermi National Accelerator Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Science</i>			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$355	\$530	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$1,496	\$1,424	\$995
Fusion Energy Sciences			
Fusion Energy Sciences	\$20	\$0	\$0
High Energy Physics			
High Energy Physics	\$367,505	\$367,387	\$376,699
Nuclear Physics			
Nuclear Physics	\$45	\$25	\$30
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$274	\$210	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$9,000	\$0	\$1,500
Safeguards and Security			
Safeguards and Security	\$5,610	\$5,297	\$5,341
<i>Total Science</i>	\$384,305	\$374,873	\$384,565
<i>Total Fermi National Accelerator Laboratory</i>	\$384,305	\$374,873	\$384,565

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Fermi Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$2,359	\$2,613	\$2,463
<i>Total Science</i>	\$2,359	\$2,613	\$2,463
<i>Total Fermi Site Office</i>	\$2,359	\$2,613	\$2,463

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Fernald Environmental Management Project	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Defense Environmental Cleanup			
Closure Sites			
Fernald	\$1,300	\$1,298	\$1,000
<i>Total Defense Environmental Cleanup</i>	\$1,300	\$1,298	\$1,000
<i>Total Fernald Environmental Management Project</i>	\$1,300	\$1,298	\$1,000

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Fernald Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$15,785	\$13,369	\$14,240
<i>Total Other Defense Activities</i>	\$15,785	\$13,369	\$14,240
<i>Total Fernald Site</i>	\$15,785	\$13,369	\$14,240

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General Atomics Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Weapons Activities			
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$24,000	\$24,420	\$24,125
<hr/>			
<i>Total Weapons Activities</i>	\$24,000	\$24,420	\$24,125
<hr/>			
<i>Total General Atomics Site</i>	\$24,000	\$24,420	\$24,125

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Golden Field Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$52,550	\$43,556	\$0
Program Direction	\$27,394	\$20,000	\$20,095
Geothermal Technologies	\$15,800	\$23,256	\$0
Hydrogen & Fuel Cell Technologies	\$38,050	\$38,629	\$4,000
Water Power	\$45,924	\$36,000	\$2,000
Solar Energy	\$162,400	\$147,000	\$2,000
Building Technologies	\$49,135	\$31,500	\$4,500
Federal Energy Management Program	\$5,380	\$0	\$0
Weatherization Assistance	\$1,150	\$1,144	\$0
State Energy Program	\$7,240	\$7,145	\$0
Advanced Manufacturing	\$143,663	\$164,580	\$43,007
Strategic Programs	\$3,200	\$4,200	\$0
Bioenergy Technologies	\$45,930	\$30,800	\$0
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$597,816	\$547,810	\$75,602
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$597,816	\$547,810	\$75,602
Departmental Administration			
Office of Indian Energy Policy & Programs			
Office of Indian Energy Policy & Programs	\$9,533	\$9,646	\$3,300
<hr/>			
<i>Total Departmental Administration</i>	\$9,533	\$9,646	\$3,300
<hr/>			
<i>Total Golden Field Office</i>	\$607,349	\$557,456	\$78,902

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Grand Junction Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$34,150	\$33,672	\$37,570
<i>Total Other Defense Activities</i>	\$34,150	\$33,672	\$37,570
<i>Total Grand Junction Office</i>	\$34,150	\$33,672	\$37,570

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Hanford Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Non-Defense Environmental Cleanup			
Fast Flux Test Reactor Facility			
Fast Flux Test Reactor Facility	\$2,562	\$2,557	\$2,240
<hr/>			
<i>Total Non-Defense Environmental Cleanup</i>	\$2,562	\$2,557	\$2,240
Defense Environmental Cleanup			
Hanford Site			
Central Plateau Remediation	\$632,179	\$630,977	\$644,500
River Corridor & Other Cleanup Operations	\$270,710	\$270,195	\$58,692
<hr/>			
<i>Total Hanford Site</i>	\$902,889	\$901,172	\$703,192
Safeguards and Security			
Richland/Hanford Site	\$65,501	\$65,355	\$75,600
<hr/>			
<i>Total Defense Environmental Cleanup</i>	\$968,390	\$966,527	\$778,792
<hr/>			
<i>Total Hanford Site</i>	\$970,952	\$969,084	\$781,032

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Idaho National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	\$5,919	\$5,907	\$9,000
<hr/>			
<i>Total Non-Defense Environmental Cleanup</i>	\$5,919	\$5,907	\$9,000
<hr/>			
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$396	\$395	\$0
Resilient Distribution Systems	\$13	\$13	\$0
Cybersecurity for Energy Delivery Systems	\$5,263	\$5,253	\$0
Energy Storage	\$23	\$23	\$0
Transformer Resilience and Advanced Components	\$514	\$513	\$150
Infrastructure Security & Energy Restoration	\$500	\$499	\$500
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$6,709	\$6,696	\$650
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$6,709	\$6,696	\$650
<hr/>			
Nuclear Energy			
University Research Program			
University Research	\$7	\$0	\$0
Fuel Cycle R & D			
Fuel Cycle R & D	\$42,499	\$42,300	\$27,895
Radiological Facilities Management			
Radiological Facilities Management	\$6,581	\$6,722	\$8,933
Idaho Facilities Management			
Idaho Facilities Management	\$215,514	\$214,734	\$197,640
Idaho Sitewide Safeguards and Security			
Idaho Sitewide Safeguards and Security	\$122,723	\$122,399	\$129,900
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$49,412	\$41,034	\$35,438
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$51,598	\$47,956	\$38,200
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$1,155	\$474	\$448
SMR Licensing Technical Support			
SMR Licensing Technical Support	\$1,000	\$0	\$0
<hr/>			
<i>Total Nuclear Energy</i>	\$490,489	\$475,619	\$438,454
<hr/>			
Energy Efficiency and Renewable Energy			

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Idaho National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Energy Efficiency and Renewable Energy			
Wind Energy	\$297	\$811	\$450
Geothermal Technologies	\$1,900	\$858	\$350
Hydrogen & Fuel Cell Technologies	\$100	\$600	\$195
Water Power	\$0	\$530	\$500
Vehicle Technologies	\$10,966	\$10,054	\$4,232
Federal Energy Management Program	\$258	\$300	\$120
Advanced Manufacturing	\$200	\$3,600	\$500
Bioenergy Technologies	\$14,890	\$16,189	\$6,150
<i>Total Energy Efficiency and Renewable Energy</i>	\$28,611	\$32,942	\$12,497
<i>Total Energy Efficiency and Renewable Energy</i>	\$28,611	\$32,942	\$12,497
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$10
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$10
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$800	\$900	\$900
Fusion Energy Sciences			
Fusion Energy Sciences	\$2,690	\$2,690	\$2,450
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$486	\$240	\$0
<i>Total Science</i>	\$3,976	\$3,830	\$3,350
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$5,285	\$3,756	\$2,793
Infrastructure and Operations			
Infrastructure and Operations	\$745	\$820	\$0
Nuclear Counterterrorism Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$0
<i>Total Weapons Activities</i>	\$6,030	\$4,576	\$2,793
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$150	\$150	\$150
<i>Total Other Defense Activities</i>	\$150	\$150	\$150
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$5,857	\$6,333	\$6,825
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0

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Idaho National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$3,455	\$3,005	\$3,473
Global Material Security			
Global Material Security	\$4,695	\$15,630	\$10,214
Material Management and Minimization			
Material Management and Minimization	\$106,643	\$44,784	\$48,989
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$2,475	\$2,245	\$2,266
<hr/>			
<i>Total Defense Nuclear Nonproliferation</i>	\$123,125	\$71,997	\$71,767
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	\$148,115	\$150,307	\$163,438
<hr/>			
<i>Total Naval Reactors</i>	\$148,115	\$150,307	\$163,438
Defense Environmental Cleanup			
Idaho National Laboratory			
Idaho Community and Regulatory Support	\$3,000	\$2,994	\$3,200
Idaho Clean-up and Waste Disposition	\$393,000	\$392,253	\$347,026
<hr/>			
<i>Total Idaho National Laboratory</i>	\$396,000	\$395,247	\$350,226
<hr/>			
<i>Total Defense Environmental Cleanup</i>	\$396,000	\$395,247	\$350,226
<hr/>			
<i>Total Idaho National Laboratory</i>	\$1,209,124	\$1,147,271	\$1,052,335

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Idaho Operations Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Permitting and Technical Assistance	\$75	\$75	\$46
<i>Total Electricity Delivery and Energy Reliability</i>	<i>\$75</i>	<i>\$75</i>	<i>\$46</i>
Nuclear Energy			
University Research Program			
University Research	\$4,973	\$0	\$0
Fuel Cycle R & D			
Fuel Cycle R & D	\$70,646	\$70,600	\$25,475
Radiological Facilities Management			
Radiological Facilities Management	\$42	\$42	\$42
Idaho Facilities Management			
Idaho Facilities Management	\$5,488	\$5,875	\$6,000
Idaho Sitewide Safeguards and Security			
Idaho Sitewide Safeguards and Security	\$3,000	\$3,100	\$3,100
Program Direction-NE			
Program Direction-NE	\$34,479	\$34,322	\$33,606
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$10,718	\$20,401	\$30,400
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$38,212	\$38,464	\$19,580
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$35	\$1,170	\$1,285
SMR Licensing Technical Support			
SMR Licensing Technical Support	\$60,600	\$61,723	\$0
Supercritical Transformational Electric Power Generation			
Supercritical Transformational Electric Power Generation	\$4,815	\$0	\$0
<i>Total Nuclear Energy</i>	<i>\$233,008</i>	<i>\$235,697</i>	<i>\$119,488</i>
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$2,940
<i>Total Nuclear Waste Disposal</i>	<i>\$0</i>	<i>\$0</i>	<i>\$2,940</i>
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$400	\$400	\$400
<i>Total Other Defense Activities</i>	<i>\$400</i>	<i>\$400</i>	<i>\$400</i>
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$1,000	\$1,000	\$1,000
<i>Total Departmental Administration</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
Defense Environmental Cleanup			

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Idaho Operations Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Program Direction			
Idaho	\$7,536	\$7,536	\$7,716
<i>Total Defense Environmental Cleanup</i>	\$7,536	\$7,536	\$7,716
<i>Total Idaho Operations Office</i>	\$242,019	\$244,708	\$131,590

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Kansas City National Security Complex (KCNSC)	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Weapons Activities</i>			
Directed Stockpile Work			
Directed Stockpile Work	\$331,385	\$333,798	\$447,144
Engineering			
Engineering Campaign	\$3,102	\$3,100	\$4,135
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$500	\$500	\$0
Defense Nuclear Security			
Defense Nuclear Security	\$11,423	\$11,527	\$11,884
Readiness Campaign			
Readiness Campaign	\$0	\$0	\$0
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$5,576	\$5,576	\$5,576
Secure Transportation Asset			
Secure Transportation Asset	\$17,700	\$20,882	\$17,418
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$46,344	\$9,092	\$17,702
<i>Total Weapons Activities</i>	\$416,030	\$384,475	\$503,859
<i>Other Defense Activities</i>			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$10	\$10	\$10
<i>Total Other Defense Activities</i>	\$10	\$10	\$10
<i>Defense Nuclear Nonproliferation</i>			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$296	\$373	\$402
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$17,972	\$17,201	\$19,736
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$1,684	\$2,245	\$2,266
<i>Total Defense Nuclear Nonproliferation</i>	\$19,952	\$19,819	\$22,404
<i>Total Kansas City National Security Complex (KCNSC)</i>	\$435,992	\$404,304	\$526,273

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Kansas City Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Nuclear Energy			
Idaho Facilities Management			
Idaho Facilities Management	\$280	\$250	\$0
<hr/>			
<i>Total Nuclear Energy</i>	\$280	\$250	\$0
Weapons Activities			
Infrastructure and Operations			
Infrastructure and Operations	\$179,655	\$132,484	\$137,427
<hr/>			
<i>Total Weapons Activities</i>	\$179,655	\$132,484	\$137,427
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$6,700	\$6,987	\$7,447
<hr/>			
<i>Total Federal Salaries and Expenses</i>	\$6,700	\$6,987	\$7,447
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
<hr/>			
<i>Total Office of the Administrator</i>	\$0	\$0	\$0
<hr/>			
<i>Total Kansas City Site Office</i>	\$186,635	\$139,721	\$144,874

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Knolls Atomic Power Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	\$596,959	\$574,568	\$601,952
<i>Total Naval Reactors</i>	\$596,959	\$574,568	\$601,952
<i>Total Knolls Atomic Power Laboratory</i>	\$596,959	\$574,568	\$601,952

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Lawrence Berkeley National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	\$17,000	\$16,967	\$0
<hr/>			
<i>Total Non-Defense Environmental Cleanup</i>	\$17,000	\$16,967	\$0
<hr/>			
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$3,917	\$3,910	\$250
Resilient Distribution Systems	\$2,255	\$2,251	\$250
Cybersecurity for Energy Delivery Systems	\$521	\$520	\$0
Energy Storage	\$34	\$34	\$0
Transformer Resilience and Advanced Components	\$29	\$29	\$50
Transmission Permitting and Technical Assistance	\$3,001	\$2,995	\$1,606
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$9,757	\$9,739	\$2,156
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$9,757	\$9,739	\$2,156
<hr/>			
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$2,020	\$2,000	\$220
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$997	\$800	\$425
<hr/>			
<i>Total Nuclear Energy</i>	\$3,017	\$2,800	\$645
<hr/>			
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$1,060	\$1,484	\$950
Geothermal Technologies	\$2,804	\$635	\$2,821
Hydrogen & Fuel Cell Technologies	\$2,400	\$3,738	\$2,200
Solar Energy	\$1,443	\$2,800	\$1,300
Vehicle Technologies	\$10,631	\$12,730	\$4,097
Building Technologies	\$28,224	\$27,866	\$16,610
Federal Energy Management Program	\$3,104	\$2,674	\$1,025
Weatherization Assistance	\$200	\$200	\$0
State Energy Program	\$780	\$780	\$0
Advanced Manufacturing	\$5,238	\$8,152	\$6,000
Strategic Programs	\$1,665	\$1,672	\$0
Bioenergy Technologies	\$5,678	\$9,013	\$4,375
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$63,227	\$71,744	\$39,378
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$63,227	\$71,744	\$39,378
<hr/>			
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$840
<hr/>			
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$840
<hr/>			
Science			

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Lawrence Berkeley National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$153,596	\$146,644	\$127,513
Basic Energy Sciences			
Basic Energy Sciences	\$168,425	\$154,736	\$135,147
Biological and Environmental Research			
Biological and Environmental Research	\$147,554	\$149,795	\$88,534
Fusion Energy Sciences			
Fusion Energy Sciences	\$3,466	\$2,466	\$0
High Energy Physics			
High Energy Physics	\$89,442	\$65,570	\$51,595
Nuclear Physics			
Nuclear Physics	\$21,684	\$18,742	\$13,535
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$1,302	\$740	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$20,000	\$28,962	\$24,800
Safeguards and Security			
Safeguards and Security	\$7,796	\$7,169	\$7,240
<i>Total Science</i>	\$613,265	\$574,824	\$448,364
Weapons Activities			
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$5,000	\$0	\$0
<i>Total Weapons Activities</i>	\$5,000	\$0	\$0
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$6,502	\$8,118	\$8,749
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$545	\$630
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$0	\$846	\$854
<i>Total Defense Nuclear Nonproliferation</i>	\$6,502	\$9,509	\$10,233
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$4,634	\$4,634	\$3,500
<i>Total Departmental Administration</i>	\$4,634	\$4,634	\$3,500
Fossil Energy Research and Development			

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Lawrence Berkeley National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
CCS and Power Systems			
Carbon Storage	\$1,206	\$1,204	\$100
Cross Cutting Reasearch	\$3,094	\$3,088	\$0
<i>Total CCS and Power Systems</i>	\$4,300	\$4,292	\$100
Natural Gas Technologies			
Natural Gas Technologies	\$1,270	\$1,268	\$75
<i>Total Fossil Energy Research and Development</i>	\$5,570	\$5,560	\$175
<i>Total Lawrence Berkeley National Laboratory</i>	\$727,972	\$695,777	\$505,291

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Lawrence Livermore National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$936	\$934	\$800
Resilient Distribution Systems	\$189	\$189	\$0
Cybersecurity for Energy Delivery Systems	\$539	\$538	\$0
Energy Storage	\$56	\$56	\$0
Transformer Resilience and Advanced Components	\$388	\$387	\$0
Transmission Permitting and Technical Assistance	\$56	\$56	\$0
<i>Total Electricity Delivery and Energy Reliability</i>	\$2,164	\$2,160	\$800
<i>Total Electricity Delivery and Energy Reliability</i>	\$2,164	\$2,160	\$800
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$826	\$1,000	\$325
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$400	\$200	\$100
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$50	\$50	\$50
<i>Total Nuclear Energy</i>	\$1,276	\$1,250	\$475
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$578	\$741	\$661
Geothermal Technologies	\$110	\$515	\$900
Hydrogen & Fuel Cell Technologies	\$2,000	\$1,366	\$2,080
Vehicle Technologies	\$3,041	\$3,572	\$2,137
Building Technologies	\$0	\$52	\$0
Advanced Manufacturing	\$6,750	\$1,000	\$6,000
<i>Total Energy Efficiency and Renewable Energy</i>	\$12,479	\$7,246	\$11,778
<i>Total Energy Efficiency and Renewable Energy</i>	\$12,479	\$7,246	\$11,778
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$7,187	\$3,171	\$1,321
Basic Energy Sciences			
Basic Energy Sciences	\$2,883	\$2,321	\$1,309
Biological and Environmental Research			
Biological and Environmental Research	\$23,357	\$23,424	\$15,033
Fusion Energy Sciences			
Fusion Energy Sciences	\$6,500	\$8,208	\$6,224
High Energy Physics			
High Energy Physics	\$4,605	\$2,825	\$825
Nuclear Physics			
Nuclear Physics	\$848	\$1,000	\$904
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$290	\$300	\$0

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Lawrence Livermore National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Total Science</i>	\$45,670	\$41,249	\$25,616
<i>Weapons Activities</i>			
Directed Stockpile Work			
Directed Stockpile Work	\$202,052	\$215,584	\$284,170
Science			
Science Campaign	\$118,657	\$118,850	\$131,034
Engineering			
Engineering Campaign	\$19,355	\$17,695	\$35,720
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$326,591	\$325,876	\$326,159
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$216,676	\$180,166	\$176,735
Defense Nuclear Security			
Defense Nuclear Security	\$51,538	\$53,583	\$53,620
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$13,125	\$16,415	\$16,415
Infrastructure and Operations			
Infrastructure and Operations	\$135,746	\$154,265	\$197,923
Nuclear Counterterrorism Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$0
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$10,800	\$12,600	\$8,671
<i>Total Weapons Activities</i>	\$1,094,540	\$1,095,034	\$1,230,447
<i>Other Defense Activities</i>			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$3,050	\$3,050	\$3,050
<i>Total Other Defense Activities</i>	\$3,050	\$3,050	\$3,050
<i>Defense Nuclear Nonproliferation</i>			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$34,101	\$45,496	\$49,031
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$40,510	\$38,306	\$44,224
Global Material Security			
Global Material Security	\$10,190	\$12,177	\$7,287
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$18,202	\$16,605	\$16,757
<i>Total Defense Nuclear Nonproliferation</i>	\$103,003	\$112,584	\$117,299
<i>Fossil Energy Research and Development</i>			

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Lawrence Livermore National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
CCS and Power Systems			
Carbon Capture	\$2,113	\$2,109	\$0
Cross Cutting Reasearch	\$1,350	\$1,347	\$0
<i>Total CCS and Power Systems</i>	\$3,463	\$3,456	\$0
<i>Total Fossil Energy Research and Development</i>	\$3,463	\$3,456	\$0
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$1,128	\$1,125	\$900
<i>Total Defense Environmental Cleanup</i>	\$1,128	\$1,125	\$900
<i>Total Lawrence Livermore National Laboratory</i>	\$1,266,773	\$1,267,154	\$1,390,365

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Lexington Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$200	\$200	\$200
<i>Total Other Defense Activities</i>	\$200	\$200	\$200
<i>Total Lexington Office</i>	\$200	\$200	\$200

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Livermore Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$18,062	\$16,819	\$18,808
<i>Total Federal Salaries and Expenses</i>	\$18,062	\$16,819	\$18,808
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
<i>Total Office of the Administrator</i>	\$0	\$0	\$0
<i>Total Livermore Site Office</i>	\$18,062	\$16,819	\$18,808

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Los Alamos National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
<i>Electricity Delivery and Energy Reliability</i>			
Transmission Reliability	\$1,385	\$1,382	\$1,360
Resilient Distribution Systems	\$429	\$428	\$600
Cybersecurity for Energy Delivery Systems	\$164	\$164	\$0
Transmission Permitting and Technical Assistance	\$15	\$15	\$0
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$1,993	\$1,989	\$1,960
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$1,993	\$1,989	\$1,960
Nuclear Energy			
<i>Fuel Cycle R & D</i>			
Fuel Cycle R & D	\$11,600	\$11,600	\$6,460
<i>Nuclear Energy Enabling Technologies</i>			
Nuclear Energy Enabling Technologies	\$2,823	\$2,300	\$2,300
<i>Reactors Concepts RD&D</i>			
Reactors Concepts RD&D	\$200	\$200	\$0
<i>International Nuclear Energy Cooperation</i>			
International Nuclear Energy Cooperation	\$50	\$0	\$0
<hr/>			
<i>Total Nuclear Energy</i>	\$14,673	\$14,100	\$8,760
Energy Efficiency and Renewable Energy			
<i>Energy Efficiency and Renewable Energy</i>			
Wind Energy	\$0	\$163	\$0
Geothermal Technologies	\$700	\$500	\$777
Hydrogen & Fuel Cell Technologies	\$6,600	\$5,620	\$1,134
Solar Energy	\$677	\$2,050	\$800
Vehicle Technologies	\$1,149	\$1,020	\$541
Building Technologies	\$0	\$125	\$0
Advanced Manufacturing	\$400	\$0	\$1,500
Bioenergy Technologies	\$2,456	\$5,167	\$2,050
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$11,982	\$14,645	\$6,802
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$11,982	\$14,645	\$6,802
Nuclear Waste Disposal			
<i>Yucca Mountain and Interim Storage</i>			
Yucca Mountain and Interim Storage	\$0	\$0	\$840
<hr/>			
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$840
Science			
<i>Advanced Scientific Computing Research</i>			
Advanced Scientific Computing Research	\$8,028	\$1,620	\$127
<i>Basic Energy Sciences</i>			
Basic Energy Sciences	\$26,309	\$25,120	\$8,206
<i>Biological and Environmental Research</i>			
Biological and Environmental Research	\$23,437	\$24,391	\$10,900

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Los Alamos National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Fusion Energy Sciences			
Fusion Energy Sciences	\$3,138	\$1,780	\$3,150
High Energy Physics			
High Energy Physics	\$2,085	\$2,107	\$1,705
Nuclear Physics			
Nuclear Physics	\$10,519	\$7,927	\$6,823
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$500	\$270	\$0
Total Science	\$74,016	\$63,215	\$30,911
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$611,735	\$604,808	\$668,448
Science			
Science Campaign	\$138,348	\$141,522	\$161,430
Engineering			
Engineering Campaign	\$25,768	\$22,715	\$39,812
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$16,000	\$17,080	\$18,523
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$219,556	\$183,469	\$177,071
Defense Nuclear Security			
Defense Nuclear Security	\$99,951	\$99,951	\$103,989
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$15,227	\$15,426	\$15,426
Infrastructure and Operations			
Infrastructure and Operations	\$557,700	\$520,996	\$538,490
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$11,400	\$8,794	\$5,076
Total Weapons Activities	\$1,695,685	\$1,614,761	\$1,728,265
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$95	\$95	\$95
Total Other Defense Activities	\$95	\$95	\$95
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$95,711	\$108,781	\$114,234
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$40,739	\$41,251	\$47,671
Global Material Security			
Global Material Security	\$31,860	\$33,458	\$30,726

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Los Alamos National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Material Management and Minimization			
Material Management and Minimization	\$28,065	\$20,898	\$44,169
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$23,425	\$23,272	\$23,484
<i>Total Defense Nuclear Nonproliferation</i>	\$219,800	\$227,660	\$260,284
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	\$1,149	\$1,147	\$80
Cross Cutting Research	\$750	\$749	\$0
<i>Total CCS and Power Systems</i>	\$1,899	\$1,896	\$80
<i>Total Fossil Energy Research and Development</i>	\$1,899	\$1,896	\$80
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$181,606	\$181,261	\$188,235
<i>Total Defense Environmental Cleanup</i>	\$181,606	\$181,261	\$188,235
<i>Total Los Alamos National Laboratory</i>	\$2,201,749	\$2,119,622	\$2,226,232

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Los Alamos Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$14,862	\$14,925	\$16,185
<hr/>			
<i>Total Federal Salaries and Expenses</i>	\$14,862	\$14,925	\$16,185
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
<hr/>			
<i>Total Office of the Administrator</i>	\$0	\$0	\$0
<hr/>			
<i>Total Los Alamos Site Office</i>	\$14,862	\$14,925	\$16,185

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Miamisburg Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	\$9,500	\$9,482	\$0
<hr/>			
<i>Total Non-Defense Environmental Cleanup</i>	\$9,500	\$9,482	\$0
Defense Environmental Cleanup			
Closure Sites			
Miamisburg	\$0	\$0	\$0
<hr/>			
<i>Total Defense Environmental Cleanup</i>	\$0	\$0	\$0
<hr/>			
<i>Total Miamisburg Site</i>	\$9,500	\$9,482	\$0

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Moab Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	\$38,644	\$38,571	\$35,000
<hr/>			
<i>Total Non-Defense Environmental Cleanup</i>	\$38,644	\$38,571	\$35,000
Defense Environmental Cleanup			
Cyber Security			
Cyber Security	\$0	\$0	\$315
<hr/>			
<i>Total Defense Environmental Cleanup</i>	\$0	\$0	\$315
<hr/>			
<i>Total Moab Site</i>	\$38,644	\$38,571	\$35,315

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Morgantown Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$11,462	\$11,925	\$16,211
<i>Total Other Defense Activities</i>	\$11,462	\$11,925	\$16,211
<i>Total Morgantown Office</i>	\$11,462	\$11,925	\$16,211

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Mound Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$15,611	\$12,583	\$12,327
<i>Total Other Defense Activities</i>	\$15,611	\$12,583	\$12,327
<i>Total Mound Site</i>	\$15,611	\$12,583	\$12,327

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National Energy Technology Lab	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
<i>Electricity Delivery and Energy Reliability</i>			
Transmission Reliability	\$4,071	\$4,063	\$700
Resilient Distribution Systems	\$852	\$850	\$0
Cybersecurity for Energy Delivery Systems	\$49,639	\$49,545	\$36,500
Transformer Resilience and Advanced Components	\$34	\$34	\$500
Transmission Permitting and Technical Assistance	\$1,818	\$1,815	\$1,200
Infrastructure Security & Energy Restoration	\$715	\$714	\$0
Program Direction	\$6,920	\$6,907	\$6,200
<i>Total Electricity Delivery and Energy Reliability</i>	\$64,049	\$63,928	\$45,100
<i>Total Electricity Delivery and Energy Reliability</i>	\$64,049	\$63,928	\$45,100
Energy Efficiency and Renewable Energy			
<i>Energy Efficiency and Renewable Energy</i>			
Program Direction	\$14,834	\$14,834	\$0
Geothermal Technologies	\$35,600	\$35,309	\$0
Solar Energy	\$0	\$1,380	\$0
Vehicle Technologies	\$140,424	\$110,000	\$6,500
Building Technologies	\$14,000	\$14,114	\$7,500
State Energy Program	\$115	\$115	\$0
Advanced Manufacturing	\$400	\$1,287	\$0
Strategic Programs	\$130	\$0	\$0
Bioenergy Technologies	\$33	\$231	\$0
<i>Total Energy Efficiency and Renewable Energy</i>	\$205,536	\$177,270	\$14,000
<i>Total Energy Efficiency and Renewable Energy</i>	\$205,536	\$177,270	\$14,000
Science			
<i>Basic Energy Sciences</i>			
Basic Energy Sciences	\$200	\$200	\$181
<i>Total Science</i>	\$200	\$200	\$181
Weapons Activities			
<i>Directed Stockpile Work</i>			
Directed Stockpile Work	\$8,101	\$19,173	\$14,996
<i>Engineering</i>			
Engineering Campaign	\$420	\$600	\$1,040
<i>Advanced Simulation & Computing</i>			
Advanced Simulation & Computing Campaign	\$136	\$108	\$0
<i>Readiness Campaign</i>			
Readiness Campaign	\$0	\$0	\$0
<i>Infrastructure and Operations</i>			
Infrastructure and Operations	\$0	\$230	\$0
<i>Advanced Manufacturing Development</i>			
Advanced Manufacturing Development	\$1,200	\$916	\$1,600
<i>Total Weapons Activities</i>	\$9,857	\$21,027	\$17,636
Departmental Administration			

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National Energy Technology Lab	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Strategic Partnership Projects			
Strategic Partnership Projects	\$150	\$150	\$150
Chief Financial Officer			
Program Direction	\$285	\$0	\$0
<hr/>			
<i>Total Departmental Administration</i>	\$435	\$150	\$150
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$92,184	\$92,010	\$14,261
Carbon Storage	\$102,153	\$101,960	\$14,735
Advanced Energy Systems	\$101,900	\$101,706	\$13,550
Cross Cutting Research	\$33,961	\$33,896	\$32,491
STEP (Supercritical CO2)	\$15,000	\$14,971	\$0
NETL Coal R&D	\$53,000	\$52,899	\$0
<hr/>			
<i>Total CCS and Power Systems</i>	\$398,198	\$397,442	\$75,037
Natural Gas Technologies			
Natural Gas Technologies	\$38,665	\$38,591	\$5,425
Program Direction			
National Energy Technology Center Program Direction	\$83,893	\$83,733	\$25,800
Fossil Energy Environmental Restoration			
Fossil Energy Environmental Restoration	\$7,920	\$7,905	\$0
Plant & Capital Equipment			
Plant & Capital Equipment	\$15,782	\$15,752	\$0
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	\$19,585	\$19,547	\$15,000
NETL Research and Operations			
NETL Research and Operations	\$0	\$0	\$78,100
NETL Infrastructure			
NETL Infrastructure	\$0	\$0	\$63,100
<hr/>			
<i>Total Fossil Energy Research and Development</i>	\$564,043	\$562,970	\$262,462
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$446	\$445	\$456
<hr/>			
<i>Total Strategic Petroleum Reserve</i>	\$446	\$445	\$456
<hr/>			
<i>Total National Energy Technology Lab</i>	\$844,566	\$825,990	\$339,985

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National Renewable Energy Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
<i>Electricity Delivery and Energy Reliability</i>			
Transmission Reliability	\$1,481	\$1,478	\$0
Resilient Distribution Systems	\$4,656	\$4,647	\$250
Cybersecurity for Energy Delivery Systems	\$583	\$582	\$0
Energy Storage	\$239	\$239	\$0
Transformer Resilience and Advanced Components	\$74	\$74	\$0
Transmission Permitting and Technical Assistance	\$636	\$635	\$443
Program Direction	\$307	\$306	\$0
<i>Total Electricity Delivery and Energy Reliability</i>	<u>\$7,976</u>	<u>\$7,961</u>	<u>\$693</u>
<i>Total Electricity Delivery and Energy Reliability</i>	\$7,976	\$7,961	\$693
Energy Efficiency and Renewable Energy			
<i>Energy Efficiency and Renewable Energy</i>			
Wind Energy	\$17,751	\$23,415	\$18,702
Facilities and Infrastructure	\$62,000	\$61,882	\$92,000
Geothermal Technologies	\$3,870	\$2,712	\$610
Hydrogen & Fuel Cell Technologies	\$17,800	\$14,734	\$9,198
Water Power	\$4,156	\$6,747	\$2,100
Solar Energy	\$55,052	\$60,414	\$47,869
Vehicle Technologies	\$27,283	\$23,025	\$10,657
Building Technologies	\$11,066	\$11,557	\$6,845
Federal Energy Management Program	\$5,670	\$4,246	\$3,160
Weatherization Assistance	\$625	\$624	\$0
State Energy Program	\$265	\$265	\$0
Advanced Manufacturing	\$2,532	\$2,590	\$500
Strategic Programs	\$8,731	\$6,688	\$0
Bioenergy Technologies	\$56,327	\$50,608	\$24,825
<i>Total Energy Efficiency and Renewable Energy</i>	<u>\$273,128</u>	<u>\$269,507</u>	<u>\$216,466</u>
<i>Total Energy Efficiency and Renewable Energy</i>	\$273,128	\$269,507	\$216,466
Science			
<i>Advanced Scientific Computing Research</i>			
Advanced Scientific Computing Research	\$173	\$0	\$0
<i>Basic Energy Sciences</i>			
Basic Energy Sciences	\$14,416	\$11,419	\$10,700
<i>Biological and Environmental Research</i>			
Biological and Environmental Research	\$886	\$500	\$500
<i>Workforce Development for Teachers and Scientists</i>			
Workforce Development for Teachers and Scientists	\$1,306	\$710	\$0
<i>Total Science</i>	<u>\$16,781</u>	<u>\$12,629</u>	<u>\$11,200</u>
<i>Total Science</i>	\$16,781	\$12,629	\$11,200
Departmental Administration			
<i>Office of Indian Energy Policy & Programs</i>			
Office of Indian Energy Policy & Programs	\$1,500	\$1,950	\$2,583
<i>Strategic Partnership Projects</i>			
Strategic Partnership Projects	\$510	\$510	\$500

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National Renewable Energy Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Total Departmental Administration</i>	\$2,010	\$2,460	\$3,083
<i>Total National Renewable Energy Laboratory</i>	\$299,895	\$292,557	\$231,442

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Naval Petroleum Reserve No 1	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Productions Operations	\$12,330	\$12,307	\$16,600
Management	\$1,000	\$998	\$1,000
<hr/>			
<i>Total Naval Petroleum and Oil Shale Reserves</i>	\$13,330	\$13,305	\$17,600
<hr/>			
<i>Total Naval Petroleum and Oil Shale Reserves</i>	\$13,330	\$13,305	\$17,600
<hr/>			
<i>Total Naval Petroleum Reserve No 1</i>	\$13,330	\$13,305	\$17,600

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Naval Petroleum Reserve No 3	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Productions Operations	\$1,000	\$998	\$1,600
Management	\$2,100	\$2,096	\$0
<hr/>			
<i>Total Naval Petroleum and Oil Shale Reserves</i>	\$3,100	\$3,094	\$1,600
<hr/>			
<i>Total Naval Petroleum and Oil Shale Reserves</i>	\$3,100	\$3,094	\$1,600
<hr/>			
<i>Total Naval Petroleum Reserve No 3</i>	\$3,100	\$3,094	\$1,600

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Naval Research Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Weapons Activities</i>			
Science			
Science Campaign	\$0	\$4,000	\$4,000
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$6,450	\$7,210	\$7,400
Infrastructure and Operations			
Infrastructure and Operations	\$0	\$960	\$670
<i>Total Weapons Activities</i>	\$6,450	\$12,170	\$12,070
<i>Naval Reactors</i>			
Program Direction			
Program Direction	\$18,950	\$18,950	\$20,700
<i>Total Naval Reactors</i>	\$18,950	\$18,950	\$20,700
<i>Total Naval Research Laboratory</i>	\$25,400	\$31,120	\$32,770

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Nevada Field Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$40,736
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$40,736
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$1,100	\$2,232	\$0
Defense Nuclear Security			
Defense Nuclear Security	\$68,244	\$71,634	\$73,498
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$4,000	\$4,020	\$4,020
<i>Total Weapons Activities</i>	\$73,344	\$77,886	\$77,518
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$15	\$15	\$15
<i>Total Other Defense Activities</i>	\$15	\$15	\$15
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$410	\$474
<i>Total Defense Nuclear Nonproliferation</i>	\$0	\$410	\$474
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$15,726	\$16,477	\$17,772
<i>Total Federal Salaries and Expenses</i>	\$15,726	\$16,477	\$17,772
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
<i>Total Office of the Administrator</i>	\$0	\$0	\$0
Defense Environmental Cleanup			
Program Direction			
Nevada	\$2,960	\$2,960	\$2,856
NNSA Sites			
NNSA Sites	\$23,825	\$23,780	\$22,599
<i>Total Defense Environmental Cleanup</i>	\$26,785	\$26,740	\$25,455
<i>Total Nevada Field Office</i>	\$115,870	\$121,528	\$161,970

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Nevada National Security Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$47,885	\$42,237	\$49,376
Science			
Science Campaign	\$52,569	\$45,157	\$59,347
Defense Nuclear Security			
Defense Nuclear Security	\$13,000	\$13,000	\$0
Infrastructure and Operations			
Infrastructure and Operations	\$152,668	\$163,749	\$180,250
Secure Transportation Asset			
Secure Transportation Asset	\$207	\$331	\$20
Total Weapons Activities	\$266,329	\$264,474	\$288,993
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$60,056	\$23,472	\$25,295
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$47,064	\$45,425	\$55,212
Global Material Security			
Global Material Security	\$2,105	\$655	\$657
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$600	\$1,029	\$1,038
Total Defense Nuclear Nonproliferation	\$109,825	\$70,581	\$82,202
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$38,560	\$38,487	\$37,537
Total Defense Environmental Cleanup	\$38,560	\$38,487	\$37,537
Total Nevada National Security Site	\$414,714	\$373,542	\$408,732

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Nevada Operations Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$365	\$300	\$0
<i>Total Science</i>	\$365	\$300	\$0
<i>Total Nevada Operations Office</i>	\$365	\$300	\$0

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New Brunswick Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Defense Nuclear Nonproliferation			
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Global Material Security			
Global Material Security	\$0	\$241	\$87
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$272	\$139	\$140
<i>Total Defense Nuclear Nonproliferation</i>	\$272	\$380	\$227
<i>Total New Brunswick Laboratory</i>	\$272	\$380	\$227

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New Brunswick Laboratory Program Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$1,200	\$0	\$0
Program Direction			
Program Direction	\$3,593	\$2,465	\$2,608
<i>Total Science</i>	\$4,793	\$2,465	\$2,608
<i>Total New Brunswick Laboratory Program Office</i>	\$4,793	\$2,465	\$2,608

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NNSA Albuquerque Complex	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$234,609	\$117,384	\$276,313
Science			
Science Campaign	\$57,259	\$34,891	\$36,171
Engineering			
Engineering Campaign	\$6,889	\$18,673	\$20,462
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$20,429	\$20,741	\$22,397
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$27,612	\$21,129	\$0
Defense Nuclear Security			
Defense Nuclear Security	\$7,240	\$7,385	\$7,532
Infrastructure and Operations			
Infrastructure and Operations	\$13,120	\$22,690	\$100,196
Secure Transportation Asset			
Secure Transportation Asset	\$183,438	\$87,993	\$125,487
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$6,781	\$753	\$773
Total Weapons Activities	\$557,377	\$331,639	\$589,331
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			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$38,310	\$33,172	\$35,749
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$975	\$650	\$543
Global Material Security			
Global Material Security	\$54,344	\$86,901	\$85,417
Material Management and Minimization			
Material Management and Minimization	\$19,755	\$20,190	\$20,750
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$1,645	\$2,417	\$2,439
Total Defense Nuclear Nonproliferation	\$115,029	\$143,330	\$144,898

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NNSA Albuquerque Complex	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$6,630	\$6,630	\$8,500
<i>Total Departmental Administration</i>	\$6,630	\$6,630	\$8,500
Defense Environmental Cleanup			
Program Direction			
Los Alamos	\$5,659	\$5,659	\$5,103
NNSA Sites			
NNSA Sites	\$3,632	\$3,625	\$3,669
<i>Total Defense Environmental Cleanup</i>	\$9,291	\$9,284	\$8,772
<i>Total NNSA Albuquerque Complex</i>	\$689,477	\$492,033	\$752,651

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NNSA Production Office (NPO)	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$0	\$0	\$3,500
<hr/>			
<i>Total Weapons Activities</i>	\$0	\$0	\$3,500
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$24,092	\$25,008	\$26,365
<hr/>			
<i>Total Federal Salaries and Expenses</i>	\$24,092	\$25,008	\$26,365
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
<hr/>			
<i>Total Office of the Administrator</i>	\$0	\$0	\$0
<hr/>			
<i>Total NNSA Production Office (NPO)</i>	\$24,092	\$25,008	\$29,865

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NNSA Production Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$1,000	\$0	\$4,000
<hr/>			
<i>Total Weapons Activities</i>	\$1,000	\$0	\$4,000
Defense Nuclear Nonproliferation			
Material Management and Minimization			
Material Management and Minimization	\$3,890	\$10,451	\$25,768
<hr/>			
<i>Total Defense Nuclear Nonproliferation</i>	\$3,890	\$10,451	\$25,768
<hr/>			
<i>Total NNSA Production Site Office</i>	\$4,890	\$10,451	\$29,768

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Oak Ridge Institute for Science & Education	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$15	\$15	\$0
Infrastructure Security & Energy Restoration	\$39	\$39	\$0
Program Direction	\$20	\$20	\$0
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$74	\$74	\$0
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$74	\$74	\$0
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Vehicle Technologies	\$338	\$371	\$200
Building Technologies	\$1,767	\$0	\$0
Advanced Manufacturing	\$4,447	\$0	\$0
Strategic Programs	\$650	\$0	\$0
Bioenergy Technologies	\$700	\$3,000	\$0
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$7,902	\$3,371	\$200
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$7,902	\$3,371	\$200
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$2,719	\$0	\$1,000
Basic Energy Sciences			
Basic Energy Sciences	\$4,279	\$1,925	\$850
Biological and Environmental Research			
Biological and Environmental Research	\$3,016	\$2,148	\$1,030
Fusion Energy Sciences			
Fusion Energy Sciences	\$1,816	\$544	\$494
High Energy Physics			
High Energy Physics	\$1,024	\$251	\$0
Nuclear Physics			
Nuclear Physics	\$572	\$467	\$353
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$9,426	\$4,170	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$1,000	\$1,000	\$0
Safeguards and Security			
Safeguards and Security	\$1,997	\$1,925	\$1,929
<hr/>			
<i>Total Science</i>	\$25,849	\$12,430	\$5,656
Weapons Activities			
Science			
Science Campaign	\$237	\$200	\$200
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$60	\$60	\$0
<hr/>			
<i>Total Weapons Activities</i>	\$297	\$260	\$200

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Oak Ridge Institute for Science & Education	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$1,305	\$1,305	\$1,305
<hr/>			
<i>Total Other Defense Activities</i>	\$1,305	\$1,305	\$1,305
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$10,510	\$2,924	\$3,379
Global Material Security			
Global Material Security	\$0	\$560	\$201
<hr/>			
<i>Total Defense Nuclear Nonproliferation</i>	\$10,510	\$3,484	\$3,580
<hr/>			
<i>Total Oak Ridge Institute for Science & Education</i>	\$45,937	\$20,924	\$10,941

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Oak Ridge National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
<i>Electricity Delivery and Energy Reliability</i>			
Transmission Reliability	\$2,843	\$2,838	\$3,700
Resilient Distribution Systems	\$3,618	\$3,611	\$900
Cybersecurity for Energy Delivery Systems	\$207	\$207	\$0
Energy Storage	\$2,817	\$2,812	\$600
Transformer Resilience and Advanced Components	\$1,425	\$1,422	\$1,500
Transmission Permitting and Technical Assistance	\$236	\$236	\$143
Infrastructure Security & Energy Restoration	\$2,243	\$2,239	\$2,500
<i>Total Electricity Delivery and Energy Reliability</i>	<i>\$13,389</i>	<i>\$13,365</i>	<i>\$9,343</i>
<i>Total Electricity Delivery and Energy Reliability</i>	<i>\$13,389</i>	<i>\$13,365</i>	<i>\$9,343</i>
Nuclear Energy			
<i>Fuel Cycle R & D</i>			
Fuel Cycle R & D	\$25,268	\$25,200	\$10,000
<i>Radiological Facilities Management</i>			
Radiological Facilities Management	\$17,930	\$17,966	\$0
<i>Nuclear Energy Enabling Technologies</i>			
Nuclear Energy Enabling Technologies	\$30,971	\$26,329	\$7,060
<i>Reactors Concepts RD&D</i>			
Reactors Concepts RD&D	\$18,395	\$15,325	\$13,500
<i>International Nuclear Energy Cooperation</i>			
International Nuclear Energy Cooperation	\$410	\$385	\$280
<i>SMR Licensing Technical Support</i>			
SMR Licensing Technical Support	\$200	\$0	\$0
<i>Total Nuclear Energy</i>	<i>\$93,174</i>	<i>\$85,205</i>	<i>\$30,840</i>
Energy Efficiency and Renewable Energy			
<i>Energy Efficiency and Renewable Energy</i>			
Wind Energy	\$0	\$398	\$170
Geothermal Technologies	\$1,748	\$363	\$87
Hydrogen & Fuel Cell Technologies	\$5,500	\$4,010	\$575
Water Power	\$2,800	\$3,492	\$3,350
Solar Energy	\$0	\$3,321	\$1,498
Vehicle Technologies	\$42,440	\$35,426	\$13,637
Building Technologies	\$12,406	\$11,185	\$7,910
Federal Energy Management Program	\$3,429	\$1,446	\$1,900
Weatherization Assistance	\$525	\$525	\$0
State Energy Program	\$25	\$25	\$0
Advanced Manufacturing	\$25,373	\$30,510	\$15,000
Strategic Programs	\$0	\$757	\$0
Bioenergy Technologies	\$11,317	\$14,010	\$4,166
<i>Total Energy Efficiency and Renewable Energy</i>	<i>\$105,563</i>	<i>\$105,468</i>	<i>\$48,293</i>
<i>Total Energy Efficiency and Renewable Energy</i>	<i>\$105,563</i>	<i>\$105,468</i>	<i>\$48,293</i>
Nuclear Waste Disposal			

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Oak Ridge National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$1,130
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$1,130
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$266,564	\$265,220	\$348,503
Basic Energy Sciences			
Basic Energy Sciences	\$326,929	\$318,344	\$285,357
Biological and Environmental Research			
Biological and Environmental Research	\$79,677	\$74,904	\$26,041
Fusion Energy Sciences			
Fusion Energy Sciences	\$134,790	\$133,465	\$78,021
High Energy Physics			
High Energy Physics	\$125	\$550	\$450
Nuclear Physics			
Nuclear Physics	\$20,726	\$13,013	\$10,981
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$12,000	\$11,977	\$10,000
Safeguards and Security			
Safeguards and Security	\$12,060	\$12,374	\$12,215
<i>Total Science</i>	\$852,871	\$829,847	\$771,568
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$32,083	\$39,451	\$43,680
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$25	\$105	\$0
Infrastructure and Operations			
Infrastructure and Operations	\$4,240	\$5,125	\$4,394
<i>Total Weapons Activities</i>	\$36,348	\$44,681	\$48,074
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$1,035	\$1,035	\$1,035
<i>Total Other Defense Activities</i>	\$1,035	\$1,035	\$1,035
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$21,250	\$23,271	\$25,079
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$3,268	\$3,700	\$3,944

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Oak Ridge National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Global Material Security			
Global Material Security	\$25,443	\$26,517	\$14,840
Material Management and Minimization			
Material Management and Minimization	\$8,977	\$10,489	\$6,384
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$22,087	\$19,218	\$19,393
<i>Total Defense Nuclear Nonproliferation</i>	\$81,025	\$83,195	\$69,640
Fossil Energy Research and Development			
CCS and Power Systems			
Advanced Energy Systems	\$1,000	\$998	\$0
Cross Cutting Research	\$1,805	\$1,802	\$0
<i>Total CCS and Power Systems</i>	\$2,805	\$2,800	\$0
Natural Gas Technologies			
Natural Gas Technologies	\$40	\$40	\$0
<i>Total Fossil Energy Research and Development</i>	\$2,845	\$2,840	\$0
Defense Environmental Cleanup			
Oak Ridge Reservation			
Nuclear Facility D & D, ORNL	\$45,900	\$45,813	\$48,110
U233 Disposition Program	\$35,895	\$35,827	\$33,784
<i>Total Oak Ridge Reservation</i>	\$81,795	\$81,640	\$81,894
<i>Total Defense Environmental Cleanup</i>	\$81,795	\$81,640	\$81,894
Strategic Petroleum Reserve			
SPR Econometric Modelling Support			
Management	\$490	\$489	\$560
<i>Total Strategic Petroleum Reserve</i>	\$490	\$489	\$560
<i>Total Oak Ridge National Laboratory</i>	\$1,268,535	\$1,247,765	\$1,062,377

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Oak Ridge National Laboratory Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$5,466	\$6,134	\$5,365
<i>Total Science</i>	\$5,466	\$6,134	\$5,365
<i>Total Oak Ridge National Laboratory Site Office</i>	\$5,466	\$6,134	\$5,365

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Oak Ridge Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$200	\$300	\$200
Program Direction-NE			
Program Direction-NE	\$1,405	\$1,375	\$1,275
Total Nuclear Energy	\$1,605	\$1,675	\$1,475
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Hydrogen & Fuel Cell Technologies	\$400	\$0	\$0
State Energy Program	\$215	\$215	\$0
Total Energy Efficiency and Renewable Energy	\$615	\$215	\$0
Total Energy Efficiency and Renewable Energy	\$615	\$215	\$0
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$85	\$85	\$0
Nuclear Physics			
Nuclear Physics	\$0	\$86	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$6,177	\$6,165	\$6,082
Safeguards and Security			
Safeguards and Security	\$20,577	\$21,794	\$22,074
Program Direction			
Program Direction	\$27,638	\$23,725	\$21,338
Total Science	\$54,477	\$51,855	\$49,494
Weapons Activities			
Domestic Uranium Enrichment RD&D			
Domestic Uranium Enrichment RD&D	\$0	\$0	\$0
Total Weapons Activities	\$0	\$0	\$0
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	\$8,968	\$8,968	\$9,025
Chief Financial Officer			
Program Direction	\$0	\$0	\$1,484
Total Departmental Administration	\$8,968	\$8,968	\$10,509
Defense Environmental Cleanup			

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Oak Ridge Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Oak Ridge Reservation			
Nuclear Facility D & D, Y-12	\$9,400	\$9,382	\$22,100
Program Direction			
Oak Ridge	\$12,636	\$12,636	\$15,298
<i>Total Defense Environmental Cleanup</i>	\$22,036	\$22,018	\$37,398
<i>Total Oak Ridge Office</i>	\$90,496	\$87,526	\$101,671

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Oak Ridge Reservation	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Defense Environmental Cleanup			
Oak Ridge Reservation			
Clean-up and Disposition	\$74,597	\$74,455	\$66,632
Cyber Security			
Cyber Security	\$0	\$0	\$1,105
<i>Total Defense Environmental Cleanup</i>	\$74,597	\$74,455	\$67,737
<i>Total Oak Ridge Reservation</i>	\$74,597	\$74,455	\$67,737

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Oak Ridge Reservation (Off-Site)	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Defense Environmental Cleanup			
Oak Ridge Reservation			
ORR Community and Regulatory Support	\$4,400	\$4,392	\$4,605
<i>Total Defense Environmental Cleanup</i>	\$4,400	\$4,392	\$4,605
<i>Total Oak Ridge Reservation (Off-Site)</i>	\$4,400	\$4,392	\$4,605

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Office of River Protection	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Defense Environmental Cleanup			
Office of River Protection			
Tank Farm Activities	\$649,000	\$647,766	\$713,311
Waste Treatment Plant	\$690,000	\$688,688	\$698,000
<i>Total Office of River Protection</i>	\$1,339,000	\$1,336,454	\$1,411,311
Program Direction			
Office of River Protection	\$29,220	\$29,220	\$32,130
<i>Total Defense Environmental Cleanup</i>	\$1,368,220	\$1,365,674	\$1,443,441
<i>Total Office of River Protection</i>	\$1,368,220	\$1,365,674	\$1,443,441

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Office of Scientific & Technical Information	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$236	\$214	\$145
Basic Energy Sciences			
Basic Energy Sciences	\$557	\$0	\$0
Biological and Environmental Research			
Biological and Environmental Research	\$257	\$76	\$152
Fusion Energy Sciences			
Fusion Energy Sciences	\$221	\$145	\$0
High Energy Physics			
High Energy Physics	\$277	\$230	\$0
Nuclear Physics			
Nuclear Physics	\$246	\$211	\$108
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$50	\$0	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$200	\$200	\$0
Safeguards and Security			
Safeguards and Security	\$682	\$784	\$783
Program Direction			
Program Direction	\$8,938	\$8,620	\$8,084
Total Science	\$11,664	\$10,480	\$9,272
Weapons Activities			
Science			
Science Campaign	\$200	\$220	\$20
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$213	\$213	\$213
Total Weapons Activities	\$413	\$433	\$233
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			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$16	\$29	\$32
Total Defense Nuclear Nonproliferation	\$16	\$29	\$32
Total Office of Scientific & Technical Information	\$12,393	\$11,242	\$9,837

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Ohio Field Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$5	\$5	\$5
<i>Total Other Defense Activities</i>	\$5	\$5	\$5
<i>Total Ohio Field Office</i>	\$5	\$5	\$5

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Pacific Northwest National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
<i>Electricity Delivery and Energy Reliability</i>			
Transmission Reliability	\$7,148	\$7,134	\$3,265
Resilient Distribution Systems	\$11,361	\$11,339	\$5,160
Cybersecurity for Energy Delivery Systems	\$1,236	\$1,234	\$0
Energy Storage	\$6,416	\$6,404	\$3,400
Transformer Resilience and Advanced Components	\$614	\$613	\$0
Transmission Permitting and Technical Assistance	\$308	\$307	\$323
Infrastructure Security & Energy Restoration	\$100	\$100	\$500
Program Direction	\$250	\$250	\$0
<i>Total Electricity Delivery and Energy Reliability</i>	\$27,433	\$27,381	\$12,648
<i>Total Electricity Delivery and Energy Reliability</i>	\$27,433	\$27,381	\$12,648
Nuclear Energy			
<i>Fuel Cycle R & D</i>			
Fuel Cycle R & D	\$10,781	\$10,700	\$5,000
<i>Nuclear Energy Enabling Technologies</i>			
Nuclear Energy Enabling Technologies	\$1,648	\$105	\$105
<i>Reactors Concepts RD&D</i>			
Reactors Concepts RD&D	\$1,775	\$1,775	\$900
<i>International Nuclear Energy Cooperation</i>			
International Nuclear Energy Cooperation	\$100	\$0	\$0
<i>Total Nuclear Energy</i>	\$14,304	\$12,580	\$6,005
Energy Efficiency and Renewable Energy			
<i>Energy Efficiency and Renewable Energy</i>			
Wind Energy	\$1,654	\$2,565	\$1,685
Geothermal Technologies	\$1,228	\$1,199	\$2,048
Hydrogen & Fuel Cell Technologies	\$3,800	\$3,930	\$1,885
Water Power	\$3,300	\$6,991	\$5,350
Solar Energy	\$0	\$1,709	\$900
Vehicle Technologies	\$9,150	\$9,340	\$7,304
Building Technologies	\$23,000	\$27,292	\$8,165
Federal Energy Management Program	\$1,582	\$1,121	\$875
State Energy Program	\$175	\$175	\$0
Advanced Manufacturing	\$450	\$0	\$0
Strategic Programs	\$150	\$402	\$0
Bioenergy Technologies	\$19,396	\$21,617	\$6,300
<i>Total Energy Efficiency and Renewable Energy</i>	\$63,885	\$76,341	\$34,512
<i>Total Energy Efficiency and Renewable Energy</i>	\$63,885	\$76,341	\$34,512
Nuclear Waste Disposal			
<i>Yucca Mountain and Interim Storage</i>			
Yucca Mountain and Interim Storage	\$0	\$0	\$910
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$910
Science			

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Pacific Northwest National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$8,842	\$1,519	\$1,779
Basic Energy Sciences			
Basic Energy Sciences	\$31,185	\$29,718	\$25,577
Biological and Environmental Research			
Biological and Environmental Research	\$117,392	\$105,685	\$54,967
Fusion Energy Sciences			
Fusion Energy Sciences	\$1,913	\$1,763	\$1,150
High Energy Physics			
High Energy Physics	\$3,256	\$3,425	\$2,600
Nuclear Physics			
Nuclear Physics	\$500	\$0	\$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$1,029	\$760	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$0	\$0	\$1,000
Safeguards and Security			
Safeguards and Security	\$13,383	\$12,839	\$12,654
Total Science	\$177,500	\$155,709	\$99,727
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$23,082	\$30,815	\$32,779
Science			
Science Campaign	\$470	\$0	\$0
Engineering			
Engineering Campaign	\$2,185	\$0	\$0
Readiness Campaign			
Readiness Campaign	\$0	\$0	\$0
Infrastructure and Operations			
Infrastructure and Operations	\$2,400	\$4,400	\$5,000
Total Weapons Activities	\$28,137	\$35,215	\$37,779
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$1,905	\$1,905	\$1,905
Enterprise Assessments			
Enterprise Assessments	\$125	\$125	\$125
Total Enterprise Assessments	\$125	\$125	\$125
Total Other Defense Activities	\$2,030	\$2,030	\$2,030
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$22,280	\$27,112	\$29,218

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Pacific Northwest National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$3,217	\$3,455	\$4,888
Global Material Security			
Global Material Security	\$223,837	\$160,323	\$114,639
Material Management and Minimization			
Material Management and Minimization	\$22,977	\$21,343	\$27,842
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$18,613	\$20,809	\$21,000
<i>Total Defense Nuclear Nonproliferation</i>	\$290,924	\$233,042	\$197,587
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$10,000	\$10,000	\$10,325
<i>Total Departmental Administration</i>	\$10,000	\$10,000	\$10,325
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$963	\$961	\$500
Cross Cutting Research	\$975	\$973	\$175
<i>Total CCS and Power Systems</i>	\$1,938	\$1,934	\$675
Natural Gas Technologies			
Natural Gas Technologies	\$50	\$50	\$0
<i>Total Fossil Energy Research and Development</i>	\$1,988	\$1,984	\$675
<i>Total Pacific Northwest National Laboratory</i>	\$616,201	\$554,282	\$402,198

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Pacific Northwest Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$4,855	\$4,969	\$4,651
<i>Total Science</i>	\$4,855	\$4,969	\$4,651
<i>Total Pacific Northwest Site Office</i>	\$4,855	\$4,969	\$4,651

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Paducah Gaseous Diffusion Plant	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Non-Defense Environmental Cleanup			
Gaseous Diffusion Plants			
Gaseous Diffusion Plants	\$52,886	\$52,785	\$49,964
<i>Total Non-Defense Environmental Cleanup</i>	\$52,886	\$52,785	\$49,964
<hr/>			
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Pens & Comm & Reg Support Paducah	\$2,375	\$2,375	\$2,386
Paducah Gaseous Diffusion Plant	\$199,925	\$199,925	\$202,297
<i>Total Uranium Enrichment D&D Fund</i>	\$202,300	\$202,300	\$204,683
<i>Total Uranium Enrichment Decon. & Decom. Fund</i>	\$202,300	\$202,300	\$204,683
<hr/>			
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$3,000	\$2,933	\$2,793
<i>Total Other Defense Activities</i>	\$3,000	\$2,933	\$2,793
<hr/>			
Defense Environmental Cleanup			
Program Direction			
Paducah/Portsmouth	\$12,343	\$12,343	\$13,730
Safeguards and Security			
Paducah	\$13,216	\$13,164	\$14,049
Cyber Security			
Cyber Security	\$0	\$0	\$1,507
<i>Total Defense Environmental Cleanup</i>	\$25,559	\$25,507	\$29,286
<hr/>			
<i>Total Paducah Gaseous Diffusion Plant</i>	\$283,745	\$283,525	\$286,726

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Pantex Plant	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$316,897	\$382,349	\$397,769
Engineering			
Engineering Campaign	\$1,891	\$1,891	\$2,212
Defense Nuclear Security			
Defense Nuclear Security	\$125,422	\$130,881	\$137,823
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$6,821	\$6,917	\$6,917
Infrastructure and Operations			
Infrastructure and Operations	\$191,016	\$176,783	\$192,404
Secure Transportation Asset			
Secure Transportation Asset	\$8,184	\$6,841	\$8,416
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$3,950	\$4,475	\$629
Total Weapons Activities	\$654,181	\$710,137	\$746,170
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			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$2,000	\$0	\$0
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$1,357	\$1,313	\$1,516
Material Management and Minimization			
Material Management and Minimization	\$3,468	\$1,000	\$1,000
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$400	\$134	\$135
Total Defense Nuclear Nonproliferation	\$7,225	\$2,447	\$2,651
Total Pantex Plant	\$661,416	\$712,594	\$748,831

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Pantex Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Weapons Activities</i>			
Readiness Campaign			
Readiness Campaign	\$0	\$0	\$0
<i>Total Weapons Activities</i>	\$0	\$0	\$0
<i>Total Pantex Site Office</i>	\$0	\$0	\$0

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Pinellas Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$7,643	\$6,130	\$4,570
<i>Total Other Defense Activities</i>	\$7,643	\$6,130	\$4,570
<i>Total Pinellas Site</i>	\$7,643	\$6,130	\$4,570

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Portsmouth Gaseous Diffusion Plant	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Non-Defense Environmental Cleanup			
Gaseous Diffusion Plants			
Gaseous Diffusion Plants	\$51,517	\$51,419	\$50,611
<i>Total Non-Defense Environmental Cleanup</i>	\$51,517	\$51,419	\$50,611
<hr/>			
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Pens & Comm & Reg Support Portsmouth	\$1,795	\$1,795	\$1,795
Portsmouth Gaseous Diffusion Plant	\$225,166	\$318,431	\$351,271
<i>Total Uranium Enrichment D&D Fund</i>	\$226,961	\$320,226	\$353,066
<i>Total Uranium Enrichment Decon. & Decom. Fund</i>	\$226,961	\$320,226	\$353,066
<hr/>			
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$6,100	\$4,867	\$3,867
<i>Total Other Defense Activities</i>	\$6,100	\$4,867	\$3,867
<hr/>			
Defense Environmental Cleanup			
Safeguards and Security			
Portsmouth	\$10,492	\$10,200	\$12,713
Cyber Security			
Cyber Security	\$0	\$0	\$1,546
<i>Total Defense Environmental Cleanup</i>	\$10,492	\$10,200	\$14,259
<hr/>			
<i>Total Portsmouth Gaseous Diffusion Plant</i>	\$295,070	\$386,712	\$421,803

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Princeton Plasma Physics Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Science</i>			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$295	\$0	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$1,300	\$1,300	\$1,000
Fusion Energy Sciences			
Fusion Energy Sciences	\$92,378	\$76,899	\$62,965
High Energy Physics			
High Energy Physics	\$200	\$0	\$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$487	\$250	\$0
Safeguards and Security			
Safeguards and Security	\$2,771	\$2,535	\$2,684
<i>Total Science</i>	\$97,431	\$80,984	\$66,649
<i>Defense Nuclear Nonproliferation</i>			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$0	\$105	\$113
<i>Total Defense Nuclear Nonproliferation</i>	\$0	\$105	\$113
<i>Total Princeton Plasma Physics Laboratory</i>	\$97,431	\$81,089	\$66,762

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Princeton Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$1,764	\$1,607	\$1,602
<i>Total Science</i>	\$1,764	\$1,607	\$1,602
<i>Total Princeton Site Office</i>	\$1,764	\$1,607	\$1,602

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Richland Operations Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Infrastructure Security & Energy Restoration	\$1,151	\$1,149	\$850
<i>Total Electricity Delivery and Energy Reliability</i>	\$1,151	\$1,149	\$850
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$1,000	\$1,000	\$1,000
<i>Total Other Defense Activities</i>	\$1,000	\$1,000	\$1,000
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$1,425	\$1,508	\$1,743
<i>Total Defense Nuclear Nonproliferation</i>	\$1,425	\$1,508	\$1,743
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$100	\$100	\$100
<i>Total Departmental Administration</i>	\$100	\$100	\$100
Defense Environmental Cleanup			
Hanford Site			
Community and Regulatory Support	\$19,701	\$19,664	\$13,000
Office of River Protection			
Tank Farm Activities	\$75,000	\$74,857	\$93,000
Program Direction			
Richland	\$39,213	\$39,213	\$40,671
Cyber Security			
Cyber Security	\$0	\$0	\$6,390
<i>Total Defense Environmental Cleanup</i>	\$133,914	\$133,734	\$153,061
<i>Total Richland Operations Office</i>	\$137,590	\$137,491	\$156,754

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Rocky Flats Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$53,460	\$42,605	\$36,571
<hr/>			
<i>Total Other Defense Activities</i>	\$53,460	\$42,605	\$36,571
Defense Environmental Cleanup			
Closure Sites			
Rocky Flats	\$3,589	\$3,582	\$3,889
<hr/>			
<i>Total Defense Environmental Cleanup</i>	\$3,589	\$3,582	\$3,889
<hr/>			
<i>Total Rocky Flats Site</i>	\$57,049	\$46,187	\$40,460

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Sandia National Laboratories	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
<i>Electricity Delivery and Energy Reliability</i>			
Transmission Reliability	\$1,101	\$1,099	\$1,100
Resilient Distribution Systems	\$1,127	\$1,125	\$500
Cybersecurity for Energy Delivery Systems	\$1,191	\$1,189	\$0
Energy Storage	\$9,129	\$9,112	\$4,000
Transformer Resilience and Advanced Components	\$69	\$69	\$500
Transmission Permitting and Technical Assistance	\$381	\$380	\$185
Infrastructure Security & Energy Restoration	\$300	\$299	\$0
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$13,298	\$13,273	\$6,285
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$13,298	\$13,273	\$6,285
Nuclear Energy			
<i>Fuel Cycle R & D</i>			
Fuel Cycle R & D	\$13,102	\$13,000	\$1,000
<i>Nuclear Energy Enabling Technologies</i>			
Nuclear Energy Enabling Technologies	\$1,224	\$1,100	\$100
<i>Reactors Concepts RD&D</i>			
Reactors Concepts RD&D	\$3,870	\$3,790	\$3,000
<i>International Nuclear Energy Cooperation</i>			
International Nuclear Energy Cooperation	\$190	\$0	\$0
<i>SMR Licensing Technical Support</i>			
SMR Licensing Technical Support	\$200	\$0	\$0
<i>Supercritical Transformational Electric Power Generation</i>			
Supercritical Transformational Electric Power Generation	\$0	\$4,760	\$0
<hr/>			
<i>Total Nuclear Energy</i>	\$18,586	\$22,650	\$4,100
Energy Efficiency and Renewable Energy			
<i>Energy Efficiency and Renewable Energy</i>			
Wind Energy	\$4,248	\$4,672	\$4,199
Geothermal Technologies	\$2,790	\$1,145	\$2,635
Hydrogen & Fuel Cell Technologies	\$5,200	\$6,123	\$5,436
Water Power	\$4,620	\$6,562	\$2,400
Solar Energy	\$13,300	\$12,593	\$4,000
Vehicle Technologies	\$9,665	\$11,874	\$4,597
Building Technologies	\$0	\$183	\$0
Federal Energy Management Program	\$90	\$0	\$0
Advanced Manufacturing	\$225	\$500	\$0
Strategic Programs	\$130	\$402	\$0
Bioenergy Technologies	\$2,688	\$8,286	\$2,100
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$42,956	\$52,340	\$25,367
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$42,956	\$52,340	\$25,367
Nuclear Waste Disposal			
<i>Yucca Mountain and Interim Storage</i>			
Yucca Mountain and Interim Storage	\$0	\$0	\$35,480

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Sandia National Laboratories	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$35,480
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$11,768	\$2,829	\$2,257
Basic Energy Sciences			
Basic Energy Sciences	\$34,791	\$28,326	\$12,646
Biological and Environmental Research			
Biological and Environmental Research	\$10,413	\$13,389	\$5,950
Fusion Energy Sciences			
Fusion Energy Sciences	\$2,774	\$2,543	\$2,170
High Energy Physics			
High Energy Physics	\$35	\$100	\$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$130	\$100	\$0
<i>Total Science</i>	\$59,911	\$47,287	\$23,023
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$986,508	\$914,019	\$1,096,014
Science			
Science Campaign	\$40,402	\$39,501	\$47,871
Engineering			
Engineering Campaign	\$67,881	\$63,409	\$79,910
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$44,390	\$48,125	\$57,478
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$146,433	\$157,645	\$153,543
Defense Nuclear Security			
Defense Nuclear Security	\$64,817	\$64,967	\$67,436
Readiness Campaign			
Readiness Campaign	\$0	\$0	\$0
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$16,653	\$15,371	\$15,371
Infrastructure and Operations			
Infrastructure and Operations	\$166,155	\$175,307	\$183,835
Secure Transportation Asset			
Secure Transportation Asset	\$27,587	\$41,793	\$68,138
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$15,069	\$8,734	\$5,908
<i>Total Weapons Activities</i>	\$1,575,895	\$1,528,871	\$1,775,504
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$1,210	\$1,210	\$1,210
<i>Total Other Defense Activities</i>	\$1,210	\$1,210	\$1,210

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Sandia National Laboratories	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$79,879	\$95,457	\$105,874
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$36,317	\$39,089	\$45,172
Global Material Security			
Global Material Security	\$52,918	\$61,640	\$48,265
Material Management and Minimization			
Material Management and Minimization	\$727	\$1,439	\$1,882
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$7,671	\$6,989	\$7,053
<i>Total Defense Nuclear Nonproliferation</i>	<i>\$177,512</i>	<i>\$204,614</i>	<i>\$208,246</i>
Departmental Administration			
Office of Indian Energy Policy & Programs			
Office of Indian Energy Policy & Programs	\$825	\$750	\$700
<i>Total Departmental Administration</i>	<i>\$825</i>	<i>\$750</i>	<i>\$700</i>
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	\$370	\$369	\$85
Cross Cutting Research	\$1,060	\$1,058	\$500
<i>Total CCS and Power Systems</i>	<i>\$1,430</i>	<i>\$1,427</i>	<i>\$585</i>
<i>Total Fossil Energy Research and Development</i>	<i>\$1,430</i>	<i>\$1,427</i>	<i>\$585</i>
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$2,500	\$2,495	\$2,600
<i>Total Defense Environmental Cleanup</i>	<i>\$2,500</i>	<i>\$2,495</i>	<i>\$2,600</i>
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$3,412	\$3,406	\$2,670
<i>Total Strategic Petroleum Reserve</i>	<i>\$3,412</i>	<i>\$3,406</i>	<i>\$2,670</i>
Total Sandia National Laboratories	\$1,897,535	\$1,878,323	\$2,085,770

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Sandia Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$20,869	\$22,429	\$22,886
<i>Total Federal Salaries and Expenses</i>	\$20,869	\$22,429	\$22,886
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
<i>Total Office of the Administrator</i>	\$0	\$0	\$0
<i>Total Sandia Site Office</i>	\$20,869	\$22,429	\$22,886

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Savannah River National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$3,441	\$3,500	\$775
<i>Total Nuclear Energy</i>	\$3,441	\$3,500	\$775
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Hydrogen & Fuel Cell Technologies	\$3,100	\$800	\$195
Solar Energy	\$2,129	\$406	\$0
Vehicle Technologies	\$0	\$53	\$0
Bioenergy Technologies	\$310	\$290	\$0
<i>Total Energy Efficiency and Renewable Energy</i>	\$5,539	\$1,549	\$195
<i>Total Energy Efficiency and Renewable Energy</i>	\$5,539	\$1,549	\$195
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$737	\$737	\$292
Fusion Energy Sciences			
Fusion Energy Sciences	\$425	\$425	\$0
<i>Total Science</i>	\$1,162	\$1,162	\$292
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$6,065	\$5,107	\$5,504
<i>Total Defense Nuclear Nonproliferation</i>	\$6,065	\$5,107	\$5,504
<i>Total Savannah River National Laboratory</i>	\$16,207	\$11,318	\$6,766

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Savannah River Operations Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Resilient Distribution Systems	\$125	\$125	\$0
Cybersecurity for Energy Delivery Systems	\$106	\$106	\$0
Energy Storage	\$115	\$115	\$0
Transformer Resilience and Advanced Components	\$125	\$125	\$250
<i>Total Electricity Delivery and Energy Reliability</i>	\$471	\$471	\$250
<i>Total Electricity Delivery and Energy Reliability</i>	\$471	\$471	\$250
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$1,050
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$1,050
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$54	\$1,361	\$0
<i>Total Weapons Activities</i>	\$54	\$1,361	\$0
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$500	\$500	\$500
<i>Total Other Defense Activities</i>	\$500	\$500	\$500
Defense Nuclear Nonproliferation			
Global Material Security			
Global Material Security	\$182	\$470	\$169
Material Management and Minimization			
Material Management and Minimization	\$3,824	\$870	\$2,950
Nonproliferation Construction			
Nonproliferation Construction	\$330,000	\$326,000	\$260,000
<i>Total Defense Nuclear Nonproliferation</i>	\$334,006	\$327,340	\$263,119
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$6,700	\$6,700	\$6,700
<i>Total Departmental Administration</i>	\$6,700	\$6,700	\$6,700
Defense Environmental Cleanup			
Savannah River Sites			
Community and Regulatory Support	\$11,249	\$11,228	\$11,249
Program Direction			
Savannah River	\$46,191	\$46,191	\$46,351
Safeguards and Security			
Savannah River Site	\$128,145	\$128,534	\$142,314

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Savannah River Operations Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Total Defense Environmental Cleanup</i>	\$185,585	\$185,953	\$199,914
<i>Total Savannah River Operations Office</i>	\$527,316	\$522,325	\$471,533

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Savannah River Site	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$110,407	\$98,377	\$126,584
Science			
Science Campaign	\$0	\$300	\$700
Engineering			
Engineering Campaign	\$1,542	\$1,542	\$1,706
Defense Nuclear Security			
Defense Nuclear Security	\$6,830	\$6,967	\$7,106
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$4,000	\$5,568	\$5,568
Infrastructure and Operations			
Infrastructure and Operations	\$110,925	\$117,673	\$154,910
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$8,200	\$7,631	\$5,081
Total Weapons Activities	\$241,904	\$238,058	\$301,655
Defense Nuclear Nonproliferation			
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$2,110	\$2,398	\$2,771
Material Management and Minimization			
Material Management and Minimization	\$41,022	\$41,588	\$66,607
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$5,210	\$3,959	\$3,995
Nonproliferation Construction			
Nonproliferation Construction	\$10,000	\$9,622	\$19,000
Total Defense Nuclear Nonproliferation	\$58,342	\$57,567	\$92,373
Defense Environmental Cleanup			
Savannah River Sites			
Site Risk Management Operations	\$413,652	\$426,404	\$0
Radioactive Liquid Tank Waste Stabilization and Disposition	\$783,520	\$768,492	\$787,758
Nuclear Material Management	\$0	\$0	\$323,482
Environmental Cleanup	\$0	\$0	\$159,978
Total Savannah River Sites	\$1,197,172	\$1,194,896	\$1,271,218
Cyber Security			
Cyber Security	\$0	\$0	\$22,810
Total Defense Environmental Cleanup	\$1,197,172	\$1,194,896	\$1,294,028
Total Savannah River Site	\$1,497,418	\$1,490,521	\$1,688,056

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Savannah River Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Weapons Activities			
Readiness Campaign			
Readiness Campaign	\$0	\$0	\$0
<hr/>			
<i>Total Weapons Activities</i>	\$0	\$0	\$0
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$10	\$10	\$10
<hr/>			
<i>Total Other Defense Activities</i>	\$10	\$10	\$10
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$4,829	\$5,151	\$5,529
<hr/>			
<i>Total Federal Salaries and Expenses</i>	\$4,829	\$5,151	\$5,529
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
<hr/>			
<i>Total Office of the Administrator</i>	\$0	\$0	\$0
<hr/>			
<i>Total Savannah River Site Office</i>	\$4,839	\$5,161	\$5,539

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Separations Process Research Unit	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$0	\$0	\$1,800
<i>Total Defense Environmental Cleanup</i>	\$0	\$0	\$1,800
<i>Total Separations Process Research Unit</i>	\$0	\$0	\$1,800

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SLAC National Accelerator Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Cybersecurity for Energy Delivery Systems	\$47	\$47	\$0
<i>Total Electricity Delivery and Energy Reliability</i>	\$47	\$47	\$0
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$275	\$0	\$0
<i>Total Nuclear Energy</i>	\$275	\$0	\$0
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Hydrogen & Fuel Cell Technologies	\$0	\$85	\$0
Solar Energy	\$0	\$1,500	\$333
Vehicle Technologies	\$569	\$600	\$1,169
Building Technologies	\$0	\$275	\$0
<i>Total Energy Efficiency and Renewable Energy</i>	\$569	\$2,460	\$1,502
<i>Total Energy Efficiency and Renewable Energy</i>	\$569	\$2,460	\$1,502
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$852	\$125	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$408,437	\$403,064	\$362,200
Biological and Environmental Research			
Biological and Environmental Research	\$3,940	\$4,011	\$800
Fusion Energy Sciences			
Fusion Energy Sciences	\$8,014	\$7,948	\$5,300
High Energy Physics			
High Energy Physics	\$91,520	\$95,636	\$54,059
Nuclear Physics			
Nuclear Physics	\$269	\$789	\$506
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$400	\$350	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$34,800	\$34,952	\$0
Safeguards and Security			
Safeguards and Security	\$4,257	\$4,247	\$4,251
<i>Total Science</i>	\$552,489	\$551,122	\$427,116
Weapons Activities			
Science			
Science Campaign	\$0	\$90	\$90
<i>Total Weapons Activities</i>	\$0	\$90	\$90
<i>Total SLAC National Accelerator Laboratory</i>	\$553,380	\$553,719	\$428,708

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Southeastern Power Administration	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Southeastern Power Admin. - Operation & Maint.			
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$83,600	\$83,441	\$75,055
Program Direction			
Program Direction	\$6,900	\$6,887	\$6,379
<hr/>			
<i>Total Southeastern Power Admin. - Operation & Maint.</i>	\$90,500	\$90,328	\$81,434
<hr/>			
<i>Total Southeastern Power Administration</i>	\$90,500	\$90,328	\$81,434

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Southwestern Power Administration	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Southwestern Power Admin. - Operation & Maint.			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$19,279	\$19,258	\$16,680
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$73,000	\$72,880	\$93,000
SWPA Construction			
Construction	\$12,012	\$12,004	\$14,932
Program Direction			
Program Direction	\$31,932	\$31,871	\$31,335
<hr/>			
<i>Total Southwestern Power Admin. - Operation & Maint.</i>	\$136,223	\$136,013	\$155,947
<hr/>			
<i>Total Southwestern Power Administration</i>	\$136,223	\$136,013	\$155,947

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Stanford Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$2,309	\$2,404	\$2,327
<i>Total Science</i>	\$2,309	\$2,404	\$2,327
<i>Total Stanford Site Office</i>	\$2,309	\$2,404	\$2,327

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Strategic Petroleum Reserve - Bayou Choctaw	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$10,617	\$10,597	\$13,017
<i>Total Strategic Petroleum Reserve</i>	\$10,617	\$10,597	\$13,017
<i>Total Strategic Petroleum Reserve - Bayou Choctaw</i>	\$10,617	\$10,597	\$13,017

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Strategic Petroleum Reserve - Big Hill	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$27,446	\$27,394	\$19,956
<i>Total Strategic Petroleum Reserve</i>	\$27,446	\$27,394	\$19,956
<i>Total Strategic Petroleum Reserve - Big Hill</i>	\$27,446	\$27,394	\$19,956

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Strategic Petroleum Reserve - Bryan Mound	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$19,363	\$19,326	\$16,923
<i>Total Strategic Petroleum Reserve</i>	\$19,363	\$19,326	\$16,923
<i>Total Strategic Petroleum Reserve - Bryan Mound</i>	\$19,363	\$19,326	\$16,923

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Strategic Petroleum Reserve - West Hackberry	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$30,200	\$30,143	\$20,679
<i>Total Strategic Petroleum Reserve</i>	\$30,200	\$30,143	\$20,679
<i>Total Strategic Petroleum Reserve - West Hackberry</i>	\$30,200	\$30,143	\$20,679

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Strategic Petroleum Reserve Project Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$95,386	\$95,204	\$81,341
SPR Econometric Modelling Support Management	\$17,394	\$17,361	\$15,958
<hr/>			
<i>Total Strategic Petroleum Reserve</i>	\$112,780	\$112,565	\$97,299
Strategic Petroleum Reserve - Petroleum Account			
SPR - Petroleum Account			
Oil Acquisition and Transportation	\$0	\$0	\$11,400
<hr/>			
<i>Total Strategic Petroleum Reserve - Petroleum Account</i>	\$0	\$0	\$11,400
Energy Security & Infrastructure Modernization Fund (ESIM)			
Energy Security & Infrastructure Modernization Fund (ESIM)			
Energy Security & Infrastructure Modernization Fund (ESIM)	\$0	\$375,400	\$350,000
<hr/>			
<i>Total Energy Security & Infrastructure Modernization Fund (ESIM)</i>	\$0	\$375,400	\$350,000
<hr/>			
<i>Total Strategic Petroleum Reserve Project Office</i>	\$112,780	\$487,965	\$458,699

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Thomas Jefferson National Accelerator Facility	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Science</i>			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$284	\$0	\$0
High Energy Physics			
High Energy Physics	\$1,040	\$140	\$0
Nuclear Physics			
Nuclear Physics	\$119,587	\$112,804	\$96,818
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$180	\$150	\$0
Safeguards and Security			
Safeguards and Security	\$2,687	\$2,709	\$2,717
<i>Total Science</i>	\$123,778	\$115,803	\$99,535
<i>Total Thomas Jefferson National Accelerator Facility</i>	\$123,778	\$115,803	\$99,535

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Thomas Jefferson Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Science			
Program Direction			
Program Direction	\$1,835	\$1,861	\$1,739
<i>Total Science</i>	\$1,835	\$1,861	\$1,739
<i>Total Thomas Jefferson Site Office</i>	\$1,835	\$1,861	\$1,739

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Undesignated Lab/Plant/Installation	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Departmental Administration			
Office of Technology Transitions			
Program Direction	\$0	\$0	\$6,876
<i>Total Departmental Administration</i>	\$0	\$0	\$6,876
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$7,600	\$7,586	\$9,076
<i>Total Northeast Home Heating Oil Reserve Account</i>	\$7,600	\$7,586	\$9,076
<i>Total Undesignated Lab/Plant/Installation</i>	\$7,600	\$7,586	\$15,952

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University of Rochester	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Weapons Activities</i>			
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$64,264	\$62,800	\$66,852
<hr/>			
<i>Total Weapons Activities</i>	\$64,264	\$62,800	\$66,852
<hr/>			
<i>Total University of Rochester</i>	\$64,264	\$62,800	\$66,852

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Washington Headquarters	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Innovative Tech Loan Guarantee Prog			
Administrative Operations			
Administrative Operations	\$17,000	\$16,968	\$0
<i>Total Innovative Tech Loan Guarantee Prog</i>	\$17,000	\$16,968	\$0
Non-Defense Environmental Cleanup			
Mercury Storage Facility			
Mercury Storage Facility	\$1,300	\$1,298	\$0
<i>Total Non-Defense Environmental Cleanup</i>	\$1,300	\$1,298	\$0
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$12,252	\$12,230	\$475
Resilient Distribution Systems	\$6,874	\$6,860	\$500
Cybersecurity for Energy Delivery Systems	\$1,585	\$1,580	\$5,500
Energy Storage	\$1,464	\$1,459	\$0
Transformer Resilience and Advanced Components	\$1,693	\$1,689	\$2,000
Transmission Permitting and Technical Assistance	\$662	\$661	\$1,777
Infrastructure Security & Energy Restoration	\$3,952	\$3,944	\$4,650
Program Direction	\$20,503	\$20,464	\$20,800
<i>Total Electricity Delivery and Energy Reliability</i>	\$48,985	\$48,887	\$35,702
<i>Total Electricity Delivery and Energy Reliability</i>	\$48,985	\$48,887	\$35,702
Nuclear Energy			
University Research Program			
University Research	\$20	\$4,990	\$0
Fuel Cycle R & D			
Fuel Cycle R & D	\$8,053	\$8,213	\$4,350
Radiological Facilities Management			
Radiological Facilities Management	\$97	\$23	\$25
Idaho Facilities Management			
Idaho Facilities Management	\$1,300	\$1,300	\$500
Idaho Sitewide Safeguards and Security			
Idaho Sitewide Safeguards and Security	\$438	\$422	\$0
Program Direction-NE			
Program Direction-NE	\$44,116	\$44,151	\$31,619
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$4,470	\$13,264	\$24,002
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$9,973	\$16,434	\$6,885
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$335	\$510	\$412
SMR Licensing Technical Support			
SMR Licensing Technical Support	\$500	\$658	\$0
Supercritical Transformational Electric Power Generation			
Supercritical Transformational Electric Power Generation	\$185	\$230	\$0

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Washington Headquarters	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Total Nuclear Energy</i>	\$69,487	\$90,195	\$67,793
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$16,612	\$16,000	\$4,053
Program Direction	\$112,772	\$119,871	\$105,754
Geothermal Technologies	\$3,950	\$3,948	\$1,847
Hydrogen & Fuel Cell Technologies	\$2,800	\$13,081	\$15,493
Water Power	\$9,200	\$9,164	\$4,400
Solar Energy	\$6,010	\$6,355	\$10,000
Vehicle Technologies	\$6,587	\$46,174	\$3,920
Building Technologies	\$60,642	\$75,187	\$15,970
Federal Energy Management Program	\$7,487	\$17,162	\$2,920
Weatherization Assistance	\$212,500	\$212,098	\$0
State Energy Program	\$41,185	\$41,185	\$0
Advanced Manufacturing	\$10,092	\$10,802	\$2,993
Strategic Programs	\$6,344	\$6,839	\$0
Bioenergy Technologies	\$59,991	\$58,598	\$3,800
<i>Total Energy Efficiency and Renewable Energy</i>	\$556,172	\$636,464	\$171,150
<i>Total Energy Efficiency and Renewable Energy</i>	\$556,172	\$636,464	\$171,150
Advanced Researched Projects Agency-Energy			
Advanced Researched Projects Agency-Energy			
Projects	\$261,750	\$261,252	\$0
Program Direction	\$29,250	\$29,194	\$65,000
<i>Total Advanced Researched Projects Agency-Energy</i>	\$291,000	\$290,446	\$65,000
<i>Total Advanced Researched Projects Agency-Energy</i>	\$291,000	\$290,446	\$65,000
Advance Technology Vehicles Man Loan Program			
Energy Transformation Acceleration Fund			
Administrative Expenses	\$6,000	\$5,989	\$0
<i>Total Advance Technology Vehicles Man Loan Program</i>	\$6,000	\$5,989	\$0
Uranium Enrichment Decon. & Decom. Fund			
U/TH Reimbursements			
U/TH Reimbursements	\$32,959	\$32,959	\$30,000
<i>Total Uranium Enrichment Decon. & Decom. Fund</i>	\$32,959	\$32,959	\$30,000
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$35,264
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$35,264
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$23,910	\$81,653	\$123,964

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Washington Headquarters	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Basic Energy Sciences			
Basic Energy Sciences	\$61,362	\$149,690	\$65,699
Biological and Environmental Research			
Biological and Environmental Research	\$23,677	\$70,921	\$76,086
Fusion Energy Sciences			
Fusion Energy Sciences	\$12,830	\$86,516	\$47,042
High Energy Physics			
High Energy Physics	\$24,667	\$65,244	\$67,487
Nuclear Physics			
Nuclear Physics	\$40,286	\$63,373	\$48,709
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$0	\$8,313	\$14,000
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$564	\$0	\$0
Safeguards and Security			
Safeguards and Security	\$7,404	\$8,242	\$8,254
Program Direction			
Program Direction	\$89,383	\$93,410	\$84,855
<i>Total Science</i>	<i>\$284,083</i>	<i>\$627,362</i>	<i>\$536,096</i>
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$87,593	\$84,520	\$132,210
Science			
Science Campaign	\$14,917	\$42,828	\$46,358
Engineering			
Engineering Campaign	\$98	\$2,125	\$5,794
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$8,866	\$9,873	\$10,000
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$6,028	\$102,598	\$226,895
Defense Nuclear Security			
Defense Nuclear Security	\$64,048	\$35,075	\$45,016
Readiness Campaign			
Readiness Campaign	\$0	\$0	\$0
Legacy Contractor Pensions			
Legacy Contractor Pensions	\$283,887	\$248,492	\$232,050
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$85,151	\$93,665	\$110,305
Infrastructure and Operations			
Infrastructure and Operations	\$99,535	\$111,539	\$145,048
Secure Transportation Asset			
Secure Transportation Asset	\$0	\$98,598	\$105,580
Nuclear Counterterrorism Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$0
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$1,174	\$1,979	\$1,599

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Washington Headquarters	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Total Weapons Activities</i>	\$651,297	\$831,292	\$1,060,855
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$102,244	\$101,900	\$114,174
Program Direction	\$62,235	\$62,235	\$68,765
<i>Total Environment, Health, Safety and Security</i>	\$164,479	\$164,135	\$182,939
Enterprise Assessments			
Enterprise Assessments	\$23,793	\$23,747	\$23,793
Program Direction	\$49,466	\$49,372	\$50,863
<i>Total Enterprise Assessments</i>	\$73,259	\$73,119	\$74,656
Specialized Security Activities			
Specialized Security Activities	\$230,377	\$229,939	\$237,912
Hearings and Appeals			
Program Direction	\$5,500	\$5,490	\$5,605
Office of Legacy Management			
Legacy Management	\$14,403	\$28,392	\$18,975
<i>Total Other Defense Activities</i>	\$488,018	\$501,075	\$520,087
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$39,598	\$27,187	\$29,300
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$17,508	\$22,795	\$33,246
Legacy Contractor Pensions			
Legacy Contractor Pensions	\$94,617	\$93,399	\$40,950
Global Material Security			
Global Material Security	\$10,664	\$9,876	\$13,271
Material Management and Minimization			
Material Management and Minimization	\$4,312	\$73,582	\$13,252
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$14,422	\$14,468	\$14,601
<i>Total Defense Nuclear Nonproliferation</i>	\$181,121	\$241,307	\$144,620
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	\$102,222	\$83,709	\$109,956
Program Direction			
Program Direction	\$23,554	\$23,473	\$27,500
<i>Total Naval Reactors</i>	\$125,776	\$107,182	\$137,456
Federal Salaries and Expenses			

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Washington Headquarters	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$278,526	\$275,141	\$303,603
<i>Total Federal Salaries and Expenses</i>	\$278,526	\$275,141	\$303,603
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
<i>Total Office of the Administrator</i>	\$0	\$0	\$0
Departmental Administration			
Energy Policy and Systems Analysis			
Energy Policy and Systems Analysis	\$31,297	\$31,238	\$10,432
Departmental Administration			
Program Direction	\$0	\$0	\$15,192
<i>Total Departmental Administration</i>	\$0	\$0	\$15,192
Small and Disadvantaged Business Utilization			
Program Direction	\$3,000	\$2,994	\$3,000
<i>Total Small and Disadvantaged Business Utilization</i>	\$3,000	\$2,994	\$3,000
International Affairs			
Program Direction	\$18,000	\$17,966	\$18,878
Office of Indian Energy Policy & Programs			
Office of Indian Energy Policy & Programs	\$4,142	\$3,339	\$3,267
<i>Total Office of Indian Energy Policy & Programs</i>	\$4,142	\$3,339	\$3,267
Strategic Partnership Projects			
Strategic Partnership Projects	\$1,108	\$1,032	\$0
Chief Financial Officer			
Program Direction	\$46,739	\$46,935	\$47,000
Program Direction			
Program Direction	\$24,500	\$24,453	\$25,500
<i>Total Program Direction</i>	\$24,500	\$24,453	\$25,500
Congressional, and Intergovernmental Affairs			
Program Direction	\$6,300	\$6,288	\$6,200
Public Affairs			
Program Direction	\$3,431	\$3,424	\$6,589
General Counsel			
Program Direction	\$33,000	\$32,937	\$33,000
Office of the Secretary			
Program Direction	\$5,008	\$4,998	\$5,300
Management			
Program Direction	\$65,000	\$64,876	\$53,758
Economic Impact & Diversity			
Program Direction	\$10,000	\$9,981	\$10,000

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Washington Headquarters	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Chief Information Officer			
Program Direction	\$31,988	\$31,927	\$36,805
Cybersecurity and Secure Management	\$26,524	\$20,966	\$34,143
Corporate IT Program Support	\$14,706	\$20,186	\$20,495
<i>Total Chief Information Officer</i>	\$73,218	\$73,079	\$91,443
<i>Total Departmental Administration</i>	\$324,743	\$323,540	\$329,559
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$46,424	\$46,336	\$49,000
<i>Total Office of the Inspector General</i>	\$46,424	\$46,336	\$49,000
Federal Energy Regulatory Commission			
Just and Reasonable Rates, Terms and Conditions			
Just and Reasonable Rates, Terms and Conditions	\$148,921	\$148,638	\$168,111
Safe, Reliable, Secure, & Efficient Infrastructure			
Safe, Reliable, Secure, & Efficient Infrastructure	\$112,507	\$112,293	\$131,836
Mission Support through Organizational Excellence			
Mission Support through Organizational Excellence	\$58,372	\$58,261	\$67,653
<i>Total Federal Energy Regulatory Commission</i>	\$319,800	\$319,192	\$367,600
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$5,740	\$5,729	\$1,239
Carbon Storage	\$1,122	\$1,120	\$0
Advanced Energy Systems	\$1,600	\$1,597	\$32,450
Cross Cutting Research	\$5,750	\$5,739	\$4,434
<i>Total CCS and Power Systems</i>	\$14,212	\$14,185	\$38,123
Natural Gas Technologies			
Natural Gas Technologies	\$2,975	\$2,969	\$0
Program Direction			
Headquarters Program Direction	\$30,309	\$30,251	\$32,678
Fossil Energy Environmental Restoration			
Fossil Energy Environmental Restoration	\$75	\$75	\$0
Special Recruitment Programs			
Special Recruitment Programs	\$700	\$699	\$200
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	\$736	\$735	\$0
<i>Total Fossil Energy Research and Development</i>	\$49,007	\$48,914	\$71,001
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Management	\$1,070	\$1,068	\$1,000
<i>Total Naval Petroleum and Oil Shale Reserves</i>	\$1,070	\$1,068	\$1,000
Defense Environmental Cleanup			

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Washington Headquarters	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Program Direction			
Headquarters	\$81,185	\$80,649	\$90,039
Program Support			
Program Support	\$14,979	\$14,951	\$35,088
Technology Development			
Technology Development	\$20,000	\$19,962	\$0
Mission Innovation and Technology			
Mission Innovation and Technology	\$0	\$0	\$25,000
Cyber Security			
Cyber Security	\$0	\$0	\$8,085
Excess Facilities			
Excess Facilities	\$0	\$0	\$225,000
<i>Total Defense Environmental Cleanup</i>	\$116,164	\$115,562	\$383,212
Strategic Petroleum Reserve			
SPR Econometric Modelling Support			
Management	\$7,246	\$7,232	\$8,440
<i>Total Strategic Petroleum Reserve</i>	\$7,246	\$7,232	\$8,440
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$0	\$0	\$924
<i>Total Northeast Home Heating Oil Reserve Account</i>	\$0	\$0	\$924
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$122,000	\$121,768	\$118,000
<i>Total Energy Information Administration</i>	\$122,000	\$121,768	\$118,000
<i>Total Washington Headquarters</i>	\$4,018,178	\$4,690,177	\$4,436,362

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Waste Isolation Pilot Plant	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$51	\$20	\$23
<i>Total Defense Nuclear Nonproliferation</i>	\$51	\$20	\$23
Defense Environmental Cleanup			
Waste Isolation Pilot Plant			
Operation and Maintenance	\$299,978	\$299,408	\$316,571
Cyber Security			
Cyber Security	\$0	\$0	\$1,270
<i>Total Defense Environmental Cleanup</i>	\$299,978	\$299,408	\$317,841
<i>Total Waste Isolation Pilot Plant</i>	\$300,029	\$299,428	\$317,864

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Weldon Spring Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$3,061	\$7,911	\$7,482
<i>Total Other Defense Activities</i>	\$3,061	\$7,911	\$7,482
<i>Total Weldon Spring Site Office</i>	\$3,061	\$7,911	\$7,482

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West Valley Demonstration Project	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Non-Defense Environmental Cleanup			
West Valley Demonstration Project			
West Valley Demonstration Project	\$59,213	\$59,101	\$60,585
<i>Total Non-Defense Environmental Cleanup</i>	\$59,213	\$59,101	\$60,585
Defense Environmental Cleanup			
Safeguards and Security			
West Valley	\$2,591	\$2,586	\$2,784
Cyber Security			
Cyber Security	\$0	\$0	\$314
<i>Total Defense Environmental Cleanup</i>	\$2,591	\$2,586	\$3,098
<i>Total West Valley Demonstration Project</i>	\$61,804	\$61,687	\$63,683

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Western Area Power Administration	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Departmental Administration			
Office of Indian Energy Policy & Programs			
Office of Indian Energy Policy & Programs	\$0	\$285	\$150
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<i>Total Departmental Administration</i>	\$0	\$285	\$150
Falcon & Amistad - Operating & Maintenance Fund			
Falcon & Amistad Operating and Maintenance Fund			
Falcon & Amistad - Operating and Maintenance	\$4,490	\$4,482	\$4,176
<hr/>			
<i>Total Falcon & Amistad - Operating & Maintenance Fund</i>	\$4,490	\$4,482	\$4,176
Western Area Power Admin. Const.,Rehab.,O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$436,746	\$448,463	\$393,104
Program Direction			
Program Direction	\$231,125	\$219,072	\$227,666
<hr/>			
<i>Total Western Area Power Admin. Const.,Rehab.,O&M</i>	\$667,871	\$667,535	\$620,770
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$153,840	\$151,324	\$127,055
Program Direction			
Program Direction	\$61,807	\$62,206	\$58,341
<hr/>			
<i>Total Colorado River Basins Power Marketing Fund</i>	\$215,647	\$213,530	\$185,396
<hr/>			
<i>Total Western Area Power Administration</i>	\$888,008	\$885,832	\$810,492

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Y-12 National Security Complex	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Nuclear Energy			
Radiological Facilities Management			
Radiological Facilities Management	\$150	\$0	\$0
<hr/>			
<i>Total Nuclear Energy</i>	\$150	\$0	\$0
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$388,016	\$423,679	\$397,250
Engineering			
Engineering Campaign	\$2,246	\$2,246	\$2,332
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$250	\$375	\$0
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$6,822	\$6,917	\$6,917
Secure Transportation Asset			
Secure Transportation Asset	\$2	\$0	\$5
<hr/>			
<i>Total Weapons Activities</i>	\$397,336	\$433,217	\$406,504
Defense Nuclear Nonproliferation			
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
<hr/>			
<i>Total Defense Nuclear Nonproliferation</i>	\$0	\$0	\$0
<hr/>			
<i>Total Y-12 National Security Complex</i>	\$397,486	\$433,217	\$406,504

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Y-12 Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Weapons Activities			
Defense Nuclear Security			
Defense Nuclear Security	\$170,378	\$166,542	\$179,073
Infrastructure and Operations			
Infrastructure and Operations	\$663,089	\$819,968	\$961,455
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$25,138	\$32,731	\$33,501
Total Weapons Activities	\$858,605	\$1,019,241	\$1,174,029
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$20	\$20	\$20
Total Other Defense Activities	\$20	\$20	\$20
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$798	\$2,475	\$2,667
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$2,478	\$2,627	\$3,034
Global Material Security			
Global Material Security	\$8,026	\$10,717	\$9,504
Material Management and Minimization			
Material Management and Minimization	\$39,661	\$38,190	\$46,372
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$773	\$1,089	\$1,099
Total Defense Nuclear Nonproliferation	\$51,736	\$55,098	\$62,676
Defense Environmental Cleanup			
Oak Ridge Reservation			
Nuclear Facility D & D, Y-12	\$66,058	\$65,932	\$29,369
OR Technology Development and Deployment	\$2,800	\$2,795	\$3,000
Total Oak Ridge Reservation	\$68,858	\$68,727	\$32,369
Total Defense Environmental Cleanup	\$68,858	\$68,727	\$32,369
Total Y-12 Site Office	\$979,219	\$1,143,086	\$1,269,094

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Yucca Mountain Site Office	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$2,505	\$2,475	\$0
<i>Total Other Defense Activities</i>	\$2,505	\$2,475	\$0
<i>Total Yucca Mountain Site Office</i>	\$2,505	\$2,475	\$0