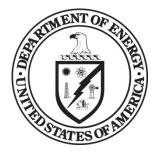
Department of Energy FY 2016 Congressional Budget Request



Laboratory Tables Preliminary

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DOE/CF-0114

Department of Energy FY 2016 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.

Office of Chief Financial Officer

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February 2015

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1 Ames Laboratory \$51,337 \$48,199 \$48,375 2 Ames Site Office \$420 \$467 \$474 3 Argonne National Laboratory \$602,567 \$556,344 \$574,882 6 Argonne National Laboratory \$3,927 \$4,055 \$4,093 8 Bettis Atomic Power Laboratory \$412,500 \$477,700 \$465,765 9 Bonneville Power Administration \$0 \$100 \$0 10 Brookhaven National Laboratory \$532,734 \$461,965 \$441,213 12 Brookhaven Site Office \$14,959 \$12,978 \$17,184 14 Chicago Operations Office \$14,959 \$12,978 \$17,184 16 Consolidated Business Center \$36,843 \$244,74 \$206,992 \$188,319 18 Energy Technology Engineering Center \$9,467 \$9,061 \$10,567 19 Fermi National Accelerator Laboratory \$426,346 \$372,223 \$387,872 20 Fermi Site Office \$2,434 \$2,472 \$2,434 \$2,472 \$2,434 21 Fernal Atomica Site \$16,802 \$16,202 \$1,500 \$1,300	Page Number	Laboratory / Facility Index	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
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35 Lawrence Berkeley National Laboratory \$644,036 \$607,179 \$636,049 37 Lawrence Livermore National Laboratory \$1,163,490 \$1,174,472 \$1,170,239 40 Lexington Office \$200 \$200 \$200 41 Livermore Site Office \$16,894 \$16,942 \$17,093 42 Los Alamos National Laboratory \$2,033,066 \$1,871,920 \$1,947,198 45 Los Alamos Site Office \$15,132 \$15,255 \$16,224 46 Miamisburg Site \$1,285 \$8,408 \$0 47 Moab Site \$36,478 \$35,663 \$37,629 48 Morgantown Office \$14,158 \$11,432 \$11,462 49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214	34	Knolls Atomic Power Laboratory	\$449,500	\$508,300	\$604,266
37 Lawrence Livermore National Laboratory \$1,163,490 \$1,174,472 \$1,170,239 40 Lexington Office \$200 \$200 \$200 41 Livermore Site Office \$16,894 \$16,942 \$17,093 42 Los Alamos National Laboratory \$2,033,066 \$1,871,920 \$1,947,198 45 Los Alamos Site Office \$15,132 \$15,255 \$16,224 46 Miamisburg Site \$1,285 \$8,408 \$0 47 Moab Site \$36,478 \$35,663 \$37,629 48 Morgantown Office \$14,158 \$11,432 \$11,462 49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214			\$644,036	\$607,179	\$636,049
41 Livermore Site Office \$16,894 \$16,942 \$17,093 42 Los Alamos National Laboratory \$2,033,066 \$1,871,920 \$1,947,198 45 Los Alamos Site Office \$15,132 \$15,255 \$16,224 46 Miamisburg Site \$1,285 \$8,408 \$0 47 Moab Site \$36,478 \$35,663 \$37,629 48 Morgantown Office \$14,158 \$11,432 \$11,462 49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214			\$1,163,490	\$1,174,472	\$1,170,239
41 Livermore Site Office \$16,894 \$16,942 \$17,093 42 Los Alamos National Laboratory \$2,033,066 \$1,871,920 \$1,947,198 45 Los Alamos Site Office \$15,132 \$15,255 \$16,224 46 Miamisburg Site \$1,285 \$8,408 \$0 47 Moab Site \$36,478 \$35,663 \$37,629 48 Morgantown Office \$14,158 \$11,432 \$11,462 49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214	40	Lexington Office	\$200	\$200	\$200
42 Los Alamos National Laboratory \$2,033,066 \$1,871,920 \$1,947,198 45 Los Alamos Site Office \$15,132 \$15,255 \$16,224 46 Miamisburg Site \$1,285 \$8,408 \$0 47 Moab Site \$36,478 \$35,663 \$37,629 48 Morgantown Office \$14,158 \$11,432 \$11,462 49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214	41	Livermore Site Office	\$16,894	\$16,942	\$17,093
46 Miamisburg Site \$1,285 \$8,408 \$0 47 Moab Site \$36,478 \$35,663 \$37,629 48 Morgantown Office \$14,158 \$11,432 \$11,462 49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214	42		\$2,033,066	\$1,871,920	\$1,947,198
46 Miamisburg Site \$1,285 \$8,408 \$0 47 Moab Site \$36,478 \$35,663 \$37,629 48 Morgantown Office \$14,158 \$11,432 \$11,462 49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214	45	Los Alamos Site Office	\$15,132	\$15,255	\$16,224
47 Moab Site \$36,478 \$35,663 \$37,629 48 Morgantown Office \$14,158 \$11,432 \$11,462 49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214	46	Miamiahura Sita	\$1,285	\$8,408	\$0
48 Morgantown Office \$14,158 \$11,432 \$11,462 49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214	47	Moah Site	\$36,478	\$35,663	\$37,629
49 Mound Site \$19,112 \$17,235 \$15,611 50 National Energy Technology Lab \$693,381 \$742,360 \$768,084 52 National Renewable Energy Laboratory \$292,334 \$273,509 \$291,214	48	Morgantown Office	\$14,158	\$11,432	\$11,462
52 National Renewable Energy Laboratory \$292 334 \$273 509 \$291 214			\$19,112	\$17,235	\$15,611
52 National Renewable Energy Laboratory \$292 334 \$273 509 \$291 214	50	National Energy Technology Lab	\$693,381	\$742,360	\$768,084
	52	National Renewable Energy Laboratory	\$292,334	\$273,509	\$291,214

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^D age umber	Laboratory / Facility Index	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
54	Naval Petroleum Reserve No 1	\$9,729	\$9,680	\$13,330
55	Naval Petroleum Reserve No 3	\$11,658	\$9,200	\$3,100
56	Naval Research Laboratory	\$19,044	\$25,196	\$50,040
57	Nevada Field Office	\$113,955	\$109,151	\$117,651
59	Nevada National Security Site	\$408,457	\$332,768	\$348,411
60	New Brunswick Laboratory	\$7,185	\$10,559	\$6,899
61	NNSA Albuquerque Complex	\$570,997	\$705,570	\$624,735
63	NNSA Production Office (NPO)	\$23,286	\$1,749,916	\$2,045,711
65	NNSA Production Site Office	\$0	\$3,187	\$1,000
66	Oak Ridge Institute for Science & Education	\$37,841	\$24,775	\$66,879
68	Oak Ridge National Laboratory	\$1,135,422	\$1,015,891	\$1,153,102
71	Oak Ridge National Laboratory Site Office	\$6,605	\$6,706	\$6,555
72	Oak Ridge Office	\$198,085	\$184,298	\$95,355
74	Oak Ridge Reservation	\$83,220	\$131,930	\$60,500
75	Oak Ridge Reservation (Off-Site)	\$4,365	\$4,365	\$4,400
76	Office of River Protection	\$1,238,096	\$1,217,347	\$1,368,022
77	Office of Scientific & Technical Information	\$11,918	\$11,037	\$10,726
79	Ohio Field Office	 \$5	\$5	\$5
80	Pacific Northwest National Laboratory	\$582,774	\$494,266	\$377,514
83	Pacific Northwest Site Office	\$5,006	\$4,908	\$5,024
84	Paducah Gaseous Diffusion Plant	\$339,944	\$283,622	\$247,204
85	Pantex Plant	\$598,626	\$10	\$10
86	Pantex Site Office	\$500	\$0	\$0
87	Pinellas Site	\$9,143	\$7,218	\$7,643
88	Portsmouth Gaseous Diffusion Plant	\$206,274	\$281,928	\$233,321
89	Princeton Plasma Physics Laboratory	\$89,114	\$101,972	\$74,969
90	Princeton Site Office	\$1,566	\$1,633	\$1,608
91	Richland Operations Office	\$77,385	\$93,910	\$136,976
	Rocky Flats Site	\$60,648	\$58,242	\$57,049
	Sandia National Laboratories	\$1,777,458	\$1,780,241	\$1,766,912
98	Sandia Site Office	\$20,758	\$21,661	\$16,016
	Savannah River National Laboratory	\$14,215	\$13,461	\$13,94
	Savannah River Operations Office	\$636,449	\$543,302	\$547,924
	Savannah River Site		\$1,376,027	\$1,539,930
	Savannah River Site Office	\$63,105	\$34,815	\$6,187
	Separations Process Research Unit	\$23,700	\$0	\$0
	SLAC National Accelerator Laboratory	\$406,431	\$467,234	\$544,591
	Southeastern Power Administration	\$101,034	\$96,930	\$90,500
	Southwestern Power Administration	\$101,764	\$122,666	\$136,223
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Page Number	Laboratory / Facility Index	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
109	Stanford Site Office	\$3,041	\$2,306	\$2,319
110	State of California	\$0	\$15,580	\$0
111	Strategic Petroleum Reserve - Bayou Choctow	\$10,720	\$12,737	\$14,203
112	Strategic Petroleum Reserve - Big Hill	\$20,751	\$20,866	\$44,468
113	Strategic Petroleum Reserve - Bryan Mound	\$17,938	\$26,067	\$28,384
114	Strategic Petroleum Reserve - West Hackberry	\$24,643	\$22,760	\$35,603
115	Strategic Petroleum Reserve Project Office	\$104,463	\$106,182	\$122,748
116	Thomas Jefferson National Accelerator Facility	\$165,918	\$127,295	\$122,828
117	Thomas Jefferson Site Office		\$1,976	\$1,962
118	University of Rochester	\$63,185	\$66,500	\$60,500
119	Washington Headquarters	\$3,564,808	\$4,698,939	\$5,897,783
127	Waste Isolation Pilot Plant	\$216,249	\$320,061	\$243,379
128	Weldon Spring Site Office	\$2,455	\$5,020	\$3,061
129	West Valley Demonstration Project	\$66,015	\$60,457	\$61,104
130	Western Area Power Administration	\$725,088	\$805,109	\$888,108
131	Y-12 National Security Complex	\$1,007,144	\$0	\$0
132	Y-12 Site Office	\$223,623	\$34,686	\$37,820
133	Yucca Mountain Site Office	\$200	\$2,635	\$2,505
	Tatal Danartmant Of Enargy			<u> </u>

Total Department Of Energy

\$28,876,399

\$29,549,809 \$32,018,914

Department C FY 2016 Congression			2015 :47PM
Laboratory Tab (Dollars In Thousa			1 of 133
es Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability			
Clean Energy Transmission and Reliability	\$100	\$0	\$(
Cybersecurity for Energy Delivery Systems	\$0	\$50	\$(
Total Electricity Delivery and Energy Reliability	\$100	\$50	\$(
Total Electricity Delivery and Energy Reliability	\$100	\$50	\$0
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Vehicle Technologies	\$1,770	\$1,900	\$1,900
Advanced Manufacturing	\$25,024	\$25,000	\$25,000
Total Energy Efficiency and Renewable Energy	\$26,794	\$26,900	\$26,900
Total Energy Efficiency and Renewable Energy	\$26,794	\$26,900	\$26,900
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research Basic Energy Sciences	\$96	\$80	\$80
Basic Energy Sciences	\$20,943	\$19,251	\$19,251
Biological and Environmental Research	¥ -,	• -, -	· · , ·
Biological and Environmental Research	\$338	\$0	\$0
Fusion Energy Sciences			
Fusion Energy Sciences	\$192	\$0	\$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$514	\$0	\$0
Safeguards and Security	•	•	.
Safeguards and Security	\$993	\$993	\$1,219
Total Science	\$23,076	\$20,324	\$20,550
Fossil Energy Research and Development			
CCS and Power Systems	-	<i>.</i>	
Cross Cutting Reasearch	\$1,367	\$925	\$925
Total Fossil Energy Research and Development	\$1,367	\$925	\$925

\$51,337

\$48,199

\$48,375

Total Ames Laboratory

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 2 of 133	
Ames Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science Program Direction Program Direction	\$420	\$467	\$474
Total Science	\$420	\$467	\$474
Total Ames Site Office	\$420	\$467	\$474

FY 2016 Congressi Laboratory Ta	Laboratory Table		FY 2016 Congressional Budget 4:1		/2015 3:49PM 3 of 133
jonne National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 201 Reques		
Electricity Delivery and Energy Reliability	ounon	Endotod	rioquoi		
Electricity Delivery and Energy Reliability					
Clean Energy Transmission and Reliability	\$2,085	\$1,525	\$1,69		
Smart Grid	\$300	\$1,200	\$1,72		
Cybersecurity for Energy Delivery Systems	\$2,037	\$100	\$30		
National Electricity Delivery	\$420	\$171	\$10		
Total Electricity Delivery and Energy Reliability	\$4,842	\$2,996	\$3,81		
Total Electricity Delivery and Energy Reliability	\$4,842	\$2,996	\$3,81		
Nuclear Energy					
Fuel Cycle R & D					
Fuel Cycle R & D	\$11,677	\$11,100	\$12,30		
Nuclear Energy Enabling Technologies					
Nuclear Energy Enabling Technologies	\$4,449	\$5,000	\$4,50		
Reactors Concepts RD&D					
Reactors Concepts RD&D	\$11,603	\$16,000	\$11,69		
International Nuclear Energy Cooperation					
International Nuclear Energy Cooperation	\$630	\$725	\$1,03		
Total Nuclear Energy	\$28,359	\$32,825	\$29,52		
Energy Efficiency and Renewable Energy					
Energy Efficiency and Renewable Energy					
Wind Energy	\$541	\$1,208	\$1,20		
Geothermal Technologies	\$367	\$173	\$30		
Hydrogen & Fuel Cell Technologies	\$8,304	\$8,420	\$9,00		
Water Power	\$1,018	\$106	9		
Solar Energy	\$610	\$580	\$58		
Vehicle Technologies	\$40,718	\$39,188	\$39,18		
Building Technologies	\$1,981	\$150			
Federal Energy Management Program	\$1,759 \$0,444	\$1,410	۹ ۹۵ - ۲۵		
Advanced Manufacturing	\$2,411	\$1,625	\$2,50		
Strategic Programs Bioenergy Technologies	\$70 \$5 ,300	\$325 \$4,000	ا \$4,00		
Total Energy Efficiency and Renewable Energy	\$63,079	\$57,185	\$56,78		
Total Energy Efficiency and Renewable Energy	\$63,079	\$57,185	\$56,78		
Science					
Advanced Scientific Computing Research					
Advanced Scientific Computing Research	\$90,114	\$103,028	\$90,56		
Basic Energy Sciences	ψ30,114	ψ100,020	ψ30,30		
Basic Energy Sciences	\$229,817	\$233,325	\$240,27		
Biological and Environmental Research	ψΖΖϿ,ΟΤΙ	ψ200,020	<i>Ψ</i> ∠₩∪,ΖΙ		
Biological and Environmental Research	\$30,774	\$26,514	\$27,36		
Fusion Energy Sciences	ψυυ,//4	Ψ20,014	ψ <i>∠ι</i> ,30		
Fusion Energy Sciences	\$50	02	¢		

\$50

\$19,832

\$0

\$16,926

\$0

\$15,717

Fusion Energy Sciences

High Energy Physics High Energy Physics

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 4 of 133

Workforce Development for Teachers and Scientists \$954 \$0 \$ Science Laboratories Infrastructure \$0 \$7,000 \$27,51 Safeguards and Security \$8,858 \$8,858 \$8,858 Total Science \$410,181 \$423,140 \$439,07 Weapons Activities Science Campaign \$3,350 \$1,000 \$ Advanced Simulation & Computing Advanced Simulation & Computing Campaign \$500 \$ \$ Advanced Simulation & Computing Campaign \$500 \$20 \$ \$ \$ Nuclear Counterterrorism Incident Response \$ <th>onne National Laboratory</th> <th>FY 2014 Current</th> <th>FY 2015 Enacted</th> <th>FY 201 Reques</th>	onne National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 201 Reques
Workforce Development for Teachers and Scientists \$954 \$0 \$\$ Science Laboratories Infrastructure \$0 \$7,000 \$27,51 Safeguards and Security \$8,858 \$8,858 \$8,855 Total Science \$410,181 \$423,140 \$439,07 Weapons Activities Science \$410,181 \$423,140 \$439,07 Weapons Activities Science \$500 \$ \$ Science Campaign \$3,350 \$1,000 \$ \$ Advanced Simulation & Computing Campaign \$500 \$ \$ \$ Readiness in Technical Base and Facilities \$ \$ \$ \$ Nuclear Counterterrorism Incident Response \$ \$ \$ \$ \$ \$ Intel Weapons Activities \$	Nuclear Physics			
Workforce Development for Teachers and Scientists\$954\$0\$Science Laboratories Infrastructure\$0\$7,000\$27,51Safeguards and Security\$8,858\$8,858\$8,858Safeguards and Security\$8,858\$8,858\$8,858Total Science\$410,181\$423,140\$439,07Weapons ActivitiesScience\$50\$500\$Science Campaign\$3,350\$1,000\$\$Advanced Simulation & Computing Campaign\$500\$500\$Readiness in Technical Base and Facilities\$50\$20\$Nuclear Counterterrorism Incident Response\$2,449\$2,290\$Nuclear Counterterrorism Incident Response\$6,349\$3,810\$Other Defense ActivitiesStory and Security\$0\$945\$944Environment, Health, Safety and Security\$0\$945\$944Health Safety and Security\$0\$945\$944Health Safety and Security\$0\$945\$945Defense Nuclear Nonproliferation\$11,175\$0\$Global Threat Reduction Initiative\$79,499\$25,077\$Defense Nuclear Nonproliferation R&D\$0\$2,455\$2,56Nonproliferation and Verification R&D\$0\$2,455\$2,56Nonproliferation and Nerification R&D\$0\$2,455\$2,56Nonproliferation and International Security\$7,886\$7,800\$International Material Protection and Cooperation\$447\$161\$ <td>Nuclear Physics</td> <td>\$29,782</td> <td>\$27,489</td> <td>\$28,77</td>	Nuclear Physics	\$29,782	\$27,489	\$28,77
Science Laboratories Infrastructure \$0 \$7,000 \$27,51 Safeguards and Security \$8,858 \$8,858 \$8,858 \$8,858 Total Science \$410,181 \$423,140 \$439,07 Weapons Activities Science \$500 \$5 Science Campaign \$3,350 \$1,000 \$ Advanced Simulation & Computing Campaign \$500 \$500 \$ Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities \$ \$ Readiness in Technical Base and Facilities \$ \$ \$ \$ Nuclear Counterterrorism Incident Response \$ \$ \$ \$ Nuclear Counterterrorism Incident Response \$ \$ \$ \$ Intel Weapons Activities \$ \$ \$ \$ \$ Environment, Health, Safety and Security \$ \$ \$ \$ \$ \$ Health Safety and Security (All other) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Workforce Development for Teachers and Scientists			
Science Laboratories Infrastructure\$0\$7,000\$27,51Safeguards and Security\$8,858\$8,858\$8,858\$8,858Total Science\$410,181\$423,140\$439,07Weapons ActivitiesScience\$500\$1,000\$Science Campaign\$3,350\$1,000\$\$Advanced Simulation & ComputingAdvanced Simulation & Computing Campaign\$500\$500\$Readiness in Technical Base and Facilities\$50\$20\$Nuclear Counterterrorism Incident Response\$2,449\$2,290\$Inclear Counterterrorism Incident Response\$6,349\$3,810\$Other Defense Activities\$6,349\$3,810\$Environment, Health, Safety and Security\$0\$945\$944Health Safety and Security\$0\$945\$944Health Safety and Security (All other)\$850\$0\$Defense Nuclear Nonproliferation\$1,175\$0\$Global Threat Reduction Initiative\$79,499\$25,077\$Defense Nuclear Nonproliferation R&D\$1,175\$0\$Defense Nuclear Nonproliferation R&D\$0\$2,455\$2,566Nonproliferation and Verification R&D\$0\$2,455\$2,566Nonproliferation and International Security\$7,886\$7,800\$International Material Protection and Cooperation\$347\$161\$Nuclear Counterterorism Incident Response\$0\$0\$2,29Soldal Material Security\$0		\$954	\$0	\$
Safeguards and Security\$8,858\$8,858\$8,858Stafeguards and Security\$8,858\$8,858\$8,858Total Science\$410,181\$423,140\$439,07Weapons ActivitiesScienceScience Campaign\$3,350\$1,000\$Advanced Simulation & Computing Campaign\$500\$500\$\$Advanced Simulation & Computing Campaign\$500\$500\$\$Nuclear Counterterrorism Incident Response\$2,449\$2,290\$\$Nuclear Counterterrorism Incident Response\$6,349\$3,810\$\$Other Defense Activities\$6,349\$3,810\$\$Cher Defense Activities\$6,349\$3,810\$\$Total Weapons Activities\$6,349\$3,810\$\$Cher Defense Activities\$6,349\$3,810\$\$Total Other Defense Activities\$850\$0\$\$Total Other Defense Activities\$850\$0\$\$Total Other Defense Activities\$850\$945\$94Health Safety and Security\$0\$945\$94Health Safety and Security\$0\$\$\$Total Other Defense Activities\$850\$0\$\$Defense Nuclear Nonproliferation R&D\$1,175\$0\$\$Defense Nuclear Nonproliferation R&D\$1,175\$0\$\$Defense Nuclear Nonproliferation R&D\$0\$2,455\$2,56Nonproliferation and Verification R&D <t< td=""><td>Science Laboratories Infrastructure</td><td></td><td></td><td></td></t<>	Science Laboratories Infrastructure			
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Join ColorStatusStatusStatusStatusWeapons Activities Science Science Campaign Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities Nuclear Counterterrorism Incident Response Nuclear Counterterrorism Incident Response 	-			
Weapons Activities Science Science Campaign \$3,350 \$1,000 \$ Advanced Simulation & Computing Campaign \$500 \$500 \$ Readiness in Technical Base and Facilities \$50 \$20 \$ Nuclear Counterterrorism Incident Response \$ \$ \$ \$ Nuclear Counterterrorism Incident Response \$ \$ \$ \$ \$ International Activities \$	Safeguards and Security	\$8,858	\$8,858	\$8,85
Science Science Campaign\$3,350\$1,000\$Advanced Simulation & Computing Advanced Simulation & Computing Campaign Readiness in Technical Base and Facilities\$500\$500\$Readiness in Technical Base and Facilities\$50\$20\$Nuclear Counterterrorism Incident Response\$\$\$Nuclear Counterterrorism Incident Response\$\$\$Nuclear Counterterrorism Incident Response\$\$\$Nuclear Counterterrorism Incident Response\$\$\$Nuclear Counterterrorism Incident Response\$\$\$Internent, Health, Safety and Security\$\$\$\$Environment, Health, Safety and Security\$\$\$\$Environment, Health, Safety and Security\$\$\$\$Health Safety and Security\$\$\$\$\$International Security\$\$\$\$\$Health Safety and Security (All other)\$\$\$\$\$International Material Nonproliferation\$\$\$\$\$Global Threat Reduction Initiative\$\$\$\$\$\$Nonproliferation and Verification R&D\$	Total Science	\$410,181	\$423,140	\$439,07
Science Campaign\$3,350\$1,000\$Advanced Simulation & Computing Readiness in Technical Base and Facilities\$500\$500\$Readiness in Technical Base and Facilities\$50\$20\$Nuclear Counterterrorism Incident Response\$2,449\$2,290\$Nuclear Counterterrorism Incident Response\$6,349\$3,810\$Other Defense Activities\$6,349\$3,810\$Environment, Health, Safety and Security\$0\$945\$94Health Safety and Security\$0\$945\$94Health Safety and Security\$0\$945\$94Health Safety and Security\$0\$945\$94Defense Activities\$850\$0\$Total Other Defense Activities\$850\$0\$Defense Nuclear Nonproliferation\$850\$0\$Global Threat Reduction Initiative\$79,499\$25,077\$Nonproliferation and Verification R&D\$11,175\$0\$Defense Nuclear Nonproliferation R&D\$0\$2,455\$2,56Nonproliferation and International Security\$7,886\$7,800\$International Material Protection and Cooperation\$347\$161\$Nuclear Counterterrorism Incident Response\$0\$0\$2,290Nuclear Counterterrorism Incident Response\$0\$0\$2,290Nuclear Counterterrorism Incident Response\$0\$0\$2,290Nuclear Counterterrorism Incident Response\$0\$0\$2,290Nuclea	Weapons Activities			
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Advanced Simulation & Computing Campaign Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities 	Science Campaign	\$3,350	\$1,000	\$
Readiness in Technical Base and Facilities\$50\$20\$Nuclear Counterterrorism Incident Response\$50\$20\$Nuclear Counterterrorism Incident Response\$2,449\$2,290\$Total Weapons Activities\$6,349\$3,810\$Environment, Health, Safety and Security\$0\$945\$944Health Safety and Security\$0\$945\$944Health Safety and Security (All other)\$850\$0\$Total Other Defense Activities\$850\$945\$945Defense Nuclear Nonproliferation\$850\$0\$Global Threat Reduction Initiative\$79,499\$25,077\$Nonproliferation and Verification R&D\$1,175\$0\$Defense Nuclear Nonproliferation R&D\$1,175\$0\$Defense Nuclear Nonproliferation R&D\$1,175\$0\$Nonproliferation and Verification R&D\$0\$2,455\$2,56Nonproliferation and International Security\$7,886\$7,800\$International Material Protection and Cooperation\$347\$161\$Nuclear Counterterrorism Incident Response\$0\$0\$2,29Global Material Security\$0\$0\$2,29Global Material Security\$0\$0\$2,29Global Material Security\$0\$0\$2,29Nuclear Counterterrorism Incident Response\$0\$0\$2,29Global Material Security\$0\$0\$0Naterial Management and Minimization\$0\$0	Advanced Simulation & Computing			
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Nonproliferation and International Security\$7,886\$7,800\$International Material Protection and Cooperation\$347\$161\$International Material Protection and Cooperation\$347\$161\$Nuclear Counterterrorism and Incident Response\$0\$0\$2,29Global Material Security\$0\$0\$5,00Material Security\$0\$0\$5,00Material Management and Minimization\$0\$0\$27,00Nonproliferation and Arms Control\$0\$0\$0	Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$79,499	\$25,077	\$
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International Material Protection and Cooperation\$347\$161\$Nuclear Counterterrorism and Incident Response\$0\$0\$2,29Nuclear Counterterrorism Incident Response\$0\$0\$2,29Global Material Security\$0\$0\$5,00Material Security\$0\$0\$5,00Material Management and Minimization\$0\$0\$27,00Nonproliferation and Arms Control\$0\$0\$0	Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security	\$79,499 \$1,175 \$0	\$25,077 \$0 \$2,455	\$ \$ \$2,56
Nuclear Counterterrorism and Incident Response\$0\$0\$2,29Nuclear Counterterrorism Incident Response\$0\$0\$2,29Global Material SecurityGlobal Material Security\$0\$0\$5,00Material Management and Minimization\$0\$0\$27,00Nonproliferation and Arms Control\$0\$0\$0	Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security	\$79,499 \$1,175 \$0	\$25,077 \$0 \$2,455	\$ \$ \$2,56
Nuclear Counterterrorism Incident Response\$0\$0\$2,29Global Material SecurityGlobal Material Security\$0\$0\$5,00Material Management and Minimization%0\$0\$27,00Material Management and Arms Control\$0\$0\$27,00	Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation	\$79,499 \$1,175 \$0 \$7,886	\$25,077 \$0 \$2,455 \$7,800	\$ \$ \$2,56 \$
Global Material Security\$0\$0\$5,00Global Material Security\$0\$0\$5,00Material Management and Minimization\$0\$0\$27,00Nonproliferation and Arms Control\$0\$0\$27,00	Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation	\$79,499 \$1,175 \$0 \$7,886	\$25,077 \$0 \$2,455 \$7,800	\$ \$ \$2,56 \$
Global Material Security\$0\$0\$5,00Material Management and Minimization\$0\$0\$27,00Nonproliferation and Arms Control\$0\$0\$27,00	Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response	\$79,499 \$1,175 \$0 \$7,886 \$347	\$25,077 \$0 \$2,455 \$7,800 \$161	\$ \$ \$2,56 \$ \$
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Material Management and Minimization\$0\$0\$27,00Nonproliferation and Arms Control	Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security	\$79,499 \$1,175 \$0 \$7,886 \$347 \$0	\$25,077 \$0 \$2,455 \$7,800 \$161 \$0	\$ \$2,56 \$ \$2,29
Nonproliferation and Arms Control	Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security Global Material Security	\$79,499 \$1,175 \$0 \$7,886 \$347 \$0	\$25,077 \$0 \$2,455 \$7,800 \$161 \$0	\$ \$2,56 \$ \$ \$2,29
•	Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security Global Material Security Material Management and Minimization	\$79,499 \$1,175 \$0 \$7,886 \$347 \$0 \$0	\$25,077 \$0 \$2,455 \$7,800 \$161 \$0 \$0	\$ \$2,56 \$ \$2,29 \$5,00
	Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security Global Material Security Material Management and Minimization Material Management and Minimization	\$79,499 \$1,175 \$0 \$7,886 \$347 \$0 \$0	\$25,077 \$0 \$2,455 \$7,800 \$161 \$0 \$0	\$94 \$ \$ \$2,56 \$ \$2,29 \$5,00 \$27,00

FY 2016 Cong Laborat	tment Of Energy gressional Budget ory Table n Thousands)	4:18	/2015 3:49PM ∋ 5 of 133
Argonne National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Total Defense Nuclear Nonproliferation	\$88,907	\$35,493	\$44,714
Total Argonne National Laboratory	\$602,567	\$556,394	\$574,852

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 6 of 133	
Argonne Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science Program Direction Program Direction	\$3,519	\$3,835	\$3,831
Total Science	\$3,519	\$3,835	\$3,831
Total Argonne Site Office	\$3,519	\$3,835	\$3,831

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 7 of 133	
Berkeley Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request	
Science Program Direction Program Direction	\$3,927	\$4,055	\$4,093	
Total Science	\$3,927	\$4,055	\$4,093	
Total Berkeley Site Office	\$3,927	\$4,055	\$4,093	

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 8 of 133	
Bettis Atomic Power Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Naval Reactors Naval Reactors Program Naval Reactors Program	\$412,500	\$471,700	\$485,765
Total Naval Reactors	\$412,500	\$471,700	\$485,765
Total Bettis Atomic Power Laboratory	\$412,500	\$471,700	\$485,765

FY 2	Department Of Energy 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:18	/2015 3:49PM ∋ 9 of 133
Bonneville Power Administration	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Indian Energy Policy and Programs Indian Energy Policy and Programs Technical Assistance	\$0	\$100	\$0
Total Indian Energy Policy and Programs	\$0	\$100	\$0
Total Bonneville Power Administration	\$0	\$100	\$0

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Laboratory Table (Dollars In Thousands)

okhaven National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability			·
Clean Energy Transmission and Reliability	\$250	\$0	\$C
Smart Grid	\$0	\$351	\$0 \$0
Infrastructure Security & Energy Restoration	\$0	\$50	\$50
Cybersecurity for Energy Delivery Systems	\$0	\$50	\$0
Total Electricity Delivery and Energy Reliability	\$250	\$451	\$50
Total Electricity Delivery and Energy Reliability	\$250	\$451	\$50
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$2,300	\$2,100	\$1,500
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$210	\$220	\$150
Total Nuclear Energy	\$2,510	\$2,320	\$1,650
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Geothermal Technologies	\$530	\$345	\$500
Hydrogen & Fuel Cell Technologies	\$1,155	\$1,170	\$1,300
Solar Energy	\$600	\$0	\$0 \$0
Vehicle Technologies	\$2,232 \$0	\$3,008	\$3,008
Strategic Programs Bioenergy Technologies	پو \$75	\$0 \$0	\$0 \$0
Total Energy Efficiency and Renewable Energy	\$4,592	\$4,523	\$4,808
Total Energy Efficiency and Renewable Energy	\$4,592	\$4,523	\$4,808
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$250	\$310	\$0
Basic Energy Sciences	<i>+</i>	~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	+ •
Basic Energy Sciences	\$231,256	\$180,477	\$187,573
Biological and Environmental Research			
Biological and Environmental Research	\$17,345	\$12,451	\$10,645
High Energy Physics			
High Energy Physics	\$63,713	\$55,026	\$57,112
Nuclear Physics			
Nuclear Physics	\$182,736	\$181,853	\$192,887
Workforce Development for Teachers and Scientists	_		
Workforce Development for Teachers and Scientists	\$1,777	\$0	\$0
Safeguards and Security	* • • • • • •	A 44	•••
Safeguards and Security	\$11,959	\$11,959	\$12,151
Total Science	\$509,036	\$442,076	\$460,368

Weapons Activities

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 11 of 133

okhaven National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 201 Reques
Science			
Science Campaign	\$20	\$0	\$
Counterterrorism and Counterproliferation Programs			
Counterterrorism and Counterproliferation Programs	\$0	\$50	\$
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$200	\$200	\$
Nuclear Counterterrorism Incident Response			
Nuclear Counterterrorism Incident Response	\$2,367	\$1,635	\$
Total Weapons Activities	\$2,587	\$1,885	\$
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$250	\$25
Health Safety and Security			
Health Safety and Security (All other)	\$250	\$0	\$
Total Other Defense Activities	\$250	\$250	\$25
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$1,061	\$849	\$
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$2,290	\$0	9
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$0	\$900	\$94
Nonproliferation and International Security			
Nonproliferation and International Security	\$5,406	\$5,900	\$
International Material Protection and Cooperation			
International Material Protection and Cooperation	\$4,752	\$2,811	\$
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$1,63
Global Material Security			
Global Material Security	\$0	\$0	\$4,50
Material Management and Minimization			
Material Management and Minimization	\$0	\$0	\$1,00
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$0	\$0	\$6,01
Total Defense Nuclear Nonproliferation	\$13,509	\$10,460	\$14,08

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 12 of 133	
Brookhaven Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science Program Direction Program Direction	\$4,765	\$5,219	\$5,046
Total Science	\$4,765	\$5,219	\$5,046
Total Brookhaven Site Office	\$4,765	\$5,219	\$5,046

F	Department Of Energy Y 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:18	2015 :49PM • 13 of 133
Carlsbad Area Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Defense Environmental Cleanup Program Direction			
Carlsbad Safeguards and Security	\$9,982	\$8,523	\$12,324
Waste Isolation Pilot Plant	\$4,977	\$4,455	\$4,860
Total Defense Environmental Cleanup	\$14,959	\$12,978	\$17,184
Total Carlsbad Area Office	\$14,959	\$12,978	\$17,184

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 14 of 133

cago Operations Office	FY 2014 Current	FY 2015 Enacted	FY 2010 Reques
Electricity Delivery and Energy Reliability			- 1
Electricity Delivery and Energy Reliability			
Clean Energy Transmission and Reliability	\$75	\$0	\$
Total Electricity Delivery and Energy Reliability	\$75	\$0	\$
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$75	\$75	\$7
Hydrogen & Fuel Cell Technologies	\$0	\$2,180	\$2,50
Solar Energy	\$102	\$0	\$
Vehicle Technologies	\$100	\$0	\$
Total Energy Efficiency and Renewable Energy	\$277	\$2,255	\$2,57
Total Energy Efficiency and Renewable Energy	\$277	\$2,255	\$2,57
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$54,691	\$18,799	\$19,40
Basic Energy Sciences			
Basic Energy Sciences	\$315,047	\$301,734	\$307,30
Biological and Environmental Research			
Biological and Environmental Research	\$137,405	\$96,705	\$75,64
Fusion Energy Sciences			
Fusion Energy Sciences	\$161,198	\$114,004	\$95,69
High Energy Physics			
High Energy Physics	\$127,704	\$111,429	\$109,84
Nuclear Physics			
Nuclear Physics	\$136,018	\$160,178	\$171,29
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$8,700	\$0	\$
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$1,385	\$1,713	\$1,71
Safeguards and Security			• •
Safeguards and Security	\$42	\$44	\$4
Program Direction	·	Ŧ	Ŧ
Program Direction	\$26,172	\$25,418	\$26,25
Small Business Innovation/Technology Transfer Research	÷ -,	• •, •	• •, •
Small Business Innovation/Technology Transfer Researc	\$192,205	\$0	\$
Total Science	\$1,160,567	\$830,024	\$807,19
Weapons Activities			
Science			
Science Campaign	\$0	\$100	\$
Advanced Simulation & Computing	ψυ	φιου	ψ
Advanced Simulation & Computing Campaign	\$1,500	\$0	\$
Total Weapons Activities	\$1,500	\$100	\$0

Other Defense Activities

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cago Operations Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$50	\$50
Health Safety and Security			
Health Safety and Security (All other)	\$50	\$0	\$0
Total Other Defense Activities	\$50	\$50	\$50
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$0	\$0	\$200
Cost of Work for Others			
Cost of Work for Others	\$3,746	\$400	\$0
Total Departmental Administration	\$3,746	\$400	\$200
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$1,082	\$0	\$0
Total Office of the Inspector General	\$1,082	\$0	\$0
al Chicago Operations Office	\$1,167,297	\$832,829	\$810,019

Department Of Energy 1/27/2015 FY 2016 Congressional Budget 4:18:49PM Laboratory Table Page 16 of 133 (Dollars In Thousands) FY 2014 FY 2015 FY 2016 **Consolidated Business Center** Current Enacted Request Weapons Activities Site Stewardship Site Stewardship \$0 \$430 **Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities** \$800 \$700 Total Weapons Activities \$800 \$1,130 Other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security \$0 \$259 \$259 \$0 Total Other Defense Activities \$259 \$259 **Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative** \$150 \$100 Material Management and Minimization

\$0

\$150

\$34,893

\$34,893

\$35,843

\$0

\$100

\$43,007

\$43,007

\$44,496

Material Management and Minimization

Total Defense Nuclear Nonproliferation

Consolidated Business Center

Total Defense Environmental Cleanup

Defense Environmental Cleanup

Program Direction

Total Consolidated Business Center

\$0

\$0 \$0

\$0

\$55,080

\$55.080

\$36,021

\$36,021

\$91,360

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 17 of 133	
East Tennessee Technology Park (K25)	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Non-Defense Environmental Cleanup Small Sites			
Oak Ridge – ETTP	\$0	\$2,119	\$0
Total Non-Defense Environmental Cleanup	\$0	\$2,119	\$0
Uranium Enrichment Decon. & Decom. Fund Uranium Enrichment D&D Fund			
Pension & comm & Reg Suport Oak Ridge	\$0	\$21,693	\$16,856
Oak Ridge	\$195,741	\$167,898	\$154,235
Total Uranium Enrichment D&D Fund	\$195,741	\$189,591	\$171,091
Total Uranium Enrichment Decon. & Decom. Fund	\$195,741	\$189,591	\$171,091
Defense Environmental Cleanup Safeguards and Security			
Oak Ridge Reservation	\$18,800	\$16,382	\$17,228
Total Defense Environmental Cleanup	\$18,800	\$16,382	\$17,228
Total East Tennessee Technology Park (K25)	\$214,541	\$208,092	\$188,319

FY 2	Department Of Energy 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 18 of 133	
Energy Technology Engineering Center		FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Non-Defense Environmental Cleanup Small Sites				
Small Sites		\$9,367	\$8,959	\$10,459
Total Non-Defense Environmental Cleanup		\$9,367	\$8,959	\$10,459
Defense Environmental Cleanup Oak Ridge Reservation				
Nuclear Facility D & D, ETTP		\$100	\$102	\$108
Total Defense Environmental Cleanup		\$100	\$102	\$108
Total Energy Technology Engineering Center		\$9,467	\$9,061	\$10,567

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Laboratory Table (Dollars In Thousands)

rmi National Accelerator Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science			<u>·</u>
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$458	\$356	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$45	\$630	\$0
High Energy Physics			
High Energy Physics	\$385,930	\$367,549	\$373,783
Nuclear Physics			
Nuclear Physics	\$781	\$255	\$25
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$714	\$0	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$34,900	\$0	\$9,000
Safeguards and Security			
Safeguards and Security	\$3,518	\$3,433	\$5,064
Total Science	\$426,346	\$372,223	\$387,872
tal Fermi National Accelerator Laboratory	\$426,346	\$372,223	\$387,872

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:18	/2015 3:49PM 9 20 of 133
Fermi Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science Program Direction Program Direction	\$2,434	\$2,472	\$2,436
Total Science	\$2,434	\$2,472	\$2,436
Total Fermi Site Office	\$2,434	\$2,472	\$2,436

FY 2016 Congression Laboratory Tab	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		2015 :49PM :21 of 133
Fernald Environmental Management Project	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Defense Environmental Cleanup			
Closure Sites Fernald	\$800	\$1,500	\$1,300
Total Defense Environmental Cleanup	\$800	\$1,500	\$1,300
Total Fernald Environmental Management Project	\$800	\$1,500	\$1,300

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4	1/27/2015 4:18:49PM Page 22 of 133	
Fernald Site	FY 201 Currer		FY 2016 Request	
Other Defense Activities Office of Legacy Management Legacy Management	\$16,80	2 \$16,202	\$15,785	
Total Other Defense Activities	\$16,80	2 \$16,202	\$15,785	
Total Fernald Site	\$16,80	2 \$16,202	\$15,785	

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 23 of 133	
General Atomics Site	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities Inertial Confinement Fusion Ignition High Yield	•	•	
Inertial Confinement Fusion Ignition High Yield Campaig	\$17,489	\$23,030	\$23,500
Total Weapons Activities	\$17,489	\$23,030	\$23,500
Total General Atomics Site	\$17,489	\$23,030	\$23,500

Laboratory Table (Dollars In Thousands)

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den Field Office	FY 2014	FY 2015	FY 2010
	Current	Enacted	Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	* ~~ * ~ *	#F0 004	\$00.40
Wind Energy	\$33,421	\$50,621	\$88,16
Program Direction	\$19,555	\$19,424	\$19,42
Geothermal Technologies	\$16,838	\$4,200	\$32,00
Hydrogen & Fuel Cell Technologies	\$34,450	\$36,830	\$40,50
Water Power	\$34,533	\$36,819	\$42,92
Solar Energy	\$123,738	\$152,400	\$237,50
Vehicle Technologies	\$110	\$0	\$
Building Technologies	\$29,127	\$30,521	\$112,50
Federal Energy Management Program	\$1,427	\$4,004	\$6,94
Weatherization Assistance	\$1,000	\$1,200	\$16,60
State Energy Program	\$6,970	\$6,930	\$18,20
Tribal Energy Activities	\$5,971	\$0	\$
Advanced Manufacturing	\$122,794	\$139,969	\$347,57
Strategic Programs	\$4,308	\$3,775	\$6,92
Bioenergy Technologies	\$68,473	\$115,800	\$140,00
Total Energy Efficiency and Renewable Energy	\$502,715	\$602,493	\$1,109,25
Total Energy Efficiency and Renewable Energy	\$502,715	\$602,493	\$1,109,25
Indian Energy Policy and Programs			
Indian Energy Policy and Programs			
Program Direction	\$0	\$545	\$56
Total Indian Energy Policy and Programs	\$0	\$545	\$56
Science			
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$670	\$0	\$
Total Science	\$670	\$0	\$
al Golden Field Office	\$503,385	\$603,038	\$1,109,82

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 25 of 133	
Grand Junction Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Other Defense Activities Office of Legacy Management Legacy Management	\$32,867	\$33.641	\$34,150
Total Other Defense Activities	\$32,867	\$33,641	\$34,150
Total Grand Junction Office	\$32,867	\$33,641	\$34,150

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 26 of 133	
Hanford Site	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Non-Defense Environmental Cleanup Fast Flux Test Reactor Facility Fast Flux Test Reactor Facility	\$2,542	\$2,562	\$2,562
Total Non-Defense Environmental Cleanup	\$2,542	\$2,562	\$2,562
Defense Environmental Cleanup Hanford Site Central Plateau Remediation River Corridor & Other Cleanup Operations	\$512,665 \$408,634	\$543,511 \$377,788	\$632,179 \$196,957
Total Hanford Site Safeguards and Security Richland/Hanford Site	\$921,299 \$69,078	\$921,299 \$63,668	\$829,136 \$67,601
Total Defense Environmental Cleanup	\$990,377	\$984,967	\$896,737
Total Hanford Site	\$992,919	\$987,529	\$899,299

FY 2016 Congressiona	Department Of Energy FY 2016 Congressional Budget		1/27/2015 4:18:49PM	
Laboratory Table (Dollars In Thousand		Page	e 27 of 133	
ho National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 201 Reque	
Non-Defense Environmental Cleanup	Cullent	Enacleu	Keque	
Small Sites				
Small Sites	\$6,593	\$24,900	\$5,91	
Total Non-Defense Environmental Cleanup	\$6,593	\$24,900	\$5,91	
Electricity Delivery and Energy Reliability				
Electricity Delivery and Energy Reliability				
Clean Energy Transmission and Reliability	\$0	\$0	\$10	
Smart Grid	\$0	\$0	\$35	
Energy Storage	\$0	\$500	\$	
Cybersecurity for Energy Delivery Systems	\$5,819	\$5,050	\$1,30	
Transformer Resilience and Advanced Components	\$0	\$0	\$5,00	
Total Electricity Delivery and Energy Reliability	\$5,819	\$5,550	\$6,75	
Total Electricity Delivery and Energy Reliability	\$5,819	\$5,550	\$6,75	
Nuclear Energy				
Fuel Cycle R & D				
Fuel Cycle R & D	\$41,344	\$41,600	\$37,50	
Radiological Facilities Management				
Radiological Facilities Management	\$4,500	\$4,500	\$6,30	
Idaho Facilities Management				
Idaho Facilities Management	\$189,852	\$199,040	\$203,95	
Idaho Sitewide Safeguards and Security				
Idaho Sitewide Safeguards and Security	\$91,900	\$101,381	\$123,53	
Nuclear Energy Enabling Technologies				
Nuclear Energy Enabling Technologies	\$25,928	\$45,885	\$30,09	
Reactors Concepts RD&D				
Reactors Concepts RD&D	\$47,687	\$50,980	\$43,97	
International Nuclear Energy Cooperation				
International Nuclear Energy Cooperation	\$899	\$1,155	\$1,05	
Total Nuclear Energy	\$402,110	\$444,541	\$446,41	
Energy Efficiency and Renewable Energy				
Energy Efficiency and Renewable Energy				
Wind Energy	\$530	\$845	\$84	
Geothermal Technologies	\$1,616	\$2,146	\$2,90	
Hydrogen & Fuel Cell Technologies	\$58	\$1,200	\$10	
Water Power	\$530	\$0	9	
Vehicle Technologies	\$7,870	\$10,740	\$10,74	
Federal Energy Management Program	\$143	\$304	\$52	
Advanced Manufacturing	\$420	\$250	\$44	
Strategic Programs	\$0	\$60	9	
Bioenergy Technologies	\$13,800	\$10,000	\$10,00	
Total Energy Efficiency and Renewable Energy	\$24,967	\$25,545	\$25,55	
Total Energy Efficiency and Renewable Energy	\$24,967	\$25,545	\$25,55	

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 28 of 133	
o National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Science			- 1
Fusion Energy Sciences Fusion Energy Sciences Workforce Development for Teachers and Scientists	\$2,790	\$2,610	\$2,70
Workforce Development for Teachers and Scientists	\$377	\$0	\$(
Total Science	\$3,167	\$2,610	\$2,70
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$300	\$2,385	\$2,308
Site Stewardship			
Site Stewardship	\$937	\$0	\$98
Readiness in Technical Base and Facilities	# 050	¢ 0	¢
Readiness in Technical Base and Facilities Nuclear Counterterrorism Incident Response	\$353	\$0	\$0
Nuclear Counterterrorism Incident Response	\$4,360	\$3,582	\$0
Total Weapons Activities	\$5,950	\$5,967	\$3,29
Environment, Health, Safety and Security Environment, Health, Safety and Security Health Safety and Security Health Safety and Security (All other)	\$0 \$50	\$150 \$0	\$15 \$
Total Other Defense Activities	\$50	\$150	 \$15
	400	 	ψισ
Defense Nuclear Nonproliferation Global Threat Reduction Initiative			
Global Threat Reduction Initiative Nonproliferation and Verification R&D	\$77,003	\$66,820	\$(
Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D	\$7,932	\$0	\$(
Defense Nuclear Nonproliferation R&D Nonproliferation and International Security	\$0	\$7,465	\$7,818
Nonproliferation and International Security International Material Protection and Cooperation	\$5,176	\$3,600	\$0
International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response	\$574	\$1,378	\$
Nuclear Counterterrorism Incident Response Global Material Security	\$0	\$0	\$4,582
Global Material Security	\$0	\$0	\$10,00
	\$0	\$0	\$77,00
Material Management and Minimization Material Management and Minimization Nonproliferation and Arms Control	φυ		
-	\$0 \$0	\$0	\$2,322

Naval Reactors

FY 2016 (Lab	epartment Of Energy Congressional Budget poratory Table llars In Thousands)	4:1	1/27/2015 4:18:49PM Page 29 of 133	
Idaho National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request	
Naval Reactors Program				
Naval Reactors Program	\$133,673	\$132,120	\$149,265	
Total Naval Reactors	\$133,673	\$132,120	\$149,265	
Defense Environmental Cleanup Idaho National Laboratory				
Idaho Community and Regulatory Support	\$3,700	\$2,910	\$3,000	
Idaho Clean-up and Waste Disposition	\$383,300	\$377,293	\$357,783	
Total Idaho National Laboratory	\$387,000	\$380,203	\$360,783	
Total Defense Environmental Cleanup	\$387,000	\$380,203	\$360,783	
Total Idaho National Laboratory	\$1,060,014	\$1,100,849	\$1,102,546	

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Laboratory Table (Dollars In Thousands)

ho Operations Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Nuclear Energy			
University Research Program			
University Research	\$5,000	\$5,000	\$0
Fuel Cycle R & D			
Fuel Cycle R & D	\$51,339	\$59,000	\$77,560
Radiological Facilities Management			
Radiological Facilities Management	\$500	\$500	\$500
Idaho Facilities Management			
Idaho Facilities Management	\$5,100	\$5,200	\$6,569
Idaho Sitewide Safeguards and Security			
Idaho Sitewide Safeguards and Security	\$2,100	\$2,100	\$2,123
Program Direction-NE			
Program Direction-NE	\$37,414	\$36,738	\$36,566
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$5,348	\$6,422	\$6,631
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$31,336	\$36,742	\$21,490
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$37	\$35	\$135
SMR Licensing Technical Support			
SMR Licensing Technical Support	\$109,508	\$53,600	\$62,000
Supercritical Transformational Electric Power Generation			
Supercritical Transformational Electric Power Generatio	\$0	\$4,500	\$4,500
Total Nuclear Energy	\$247,682	\$209,837	\$218,074
Other Defense Activities			
Environment, Health, Safety and Security			
Environment Health Safety and Security	\$0	\$400	\$400
Environment, Health, Safety and Security Health Safety and Security	\$0	\$400	\$400
Health Safety and Security			
Health Safety and Security Health Safety and Security (All other)	\$400	\$0	\$0
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities			·
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration	\$400	\$0	\$0
Health Safety and Security Health Safety and Security (All other)	\$400 \$400	\$0 \$400	\$0 \$400
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Strategic Partnership Projects	\$400	\$0	\$0
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Strategic Partnership Projects Cost of Work for Others	\$400 \$400 \$0	\$0 \$400 \$0	\$0 \$400
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Strategic Partnership Projects	\$400 \$400	\$0 \$400	\$0 \$400
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Strategic Partnership Projects Cost of Work for Others	\$400 \$400 \$0	\$0 \$400 \$0	\$0 \$400 \$1,000 \$0
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Strategic Partnership Projects Cost of Work for Others Cost of Work for Others Total Departmental Administration	\$400 \$400 \$0 \$1,000	\$0 \$400 \$0 \$1,000	\$0 \$400 \$1,000 \$0
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Strategic Partnership Projects Cost of Work for Others Cost of Work for Others Total Departmental Administration Office of the Inspector General	\$400 \$400 \$0 \$1,000	\$0 \$400 \$0 \$1,000	\$0 \$400 \$1,000 \$0
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Strategic Partnership Projects Cost of Work for Others Cost of Work for Others Total Departmental Administration Office of the Inspector General Office of the Inspector General	\$400 \$400 \$0 \$1,000 \$1,000	\$0 \$400 \$0 \$1,000 \$1,000	\$0 \$400 \$1,000 \$0 \$1,000
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Cost of Work for Others Cost of Work for Others Total Departmental Administration Office of the Inspector General Office of the Inspector General Office of the Inspector General	\$400 \$400 \$0 \$1,000 \$1,000 \$1,353	\$0 \$400 \$0 \$1,000 \$1,000 \$0	\$0 \$400 \$1,000 \$0 \$1,000 \$0
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Strategic Partnership Projects Cost of Work for Others Cost of Work for Others Total Departmental Administration Office of the Inspector General Office of the Inspector General Office of the Inspector General Total Office of the Inspector General	\$400 \$400 \$0 \$1,000 \$1,000	\$0 \$400 \$0 \$1,000 \$1,000	\$0 \$400 \$1,000 \$0 \$1,000
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Strategic Partnership Projects Cost of Work for Others Cost of Work for Others Total Departmental Administration Office of the Inspector General Defense Environmental Cleanup	\$400 \$400 \$0 \$1,000 \$1,000 \$1,353	\$0 \$400 \$0 \$1,000 \$1,000 \$0	\$0 \$400 \$1,000 \$0 \$1,000 \$0
Health Safety and Security Health Safety and Security (All other) Total Other Defense Activities Departmental Administration Strategic Partnership Projects Cost of Work for Others Cost of Work for Others Total Departmental Administration Office of the Inspector General Office of the Inspector General Office of the Inspector General Total Office of the Inspector General	\$400 \$400 \$0 \$1,000 \$1,000 \$1,353	\$0 \$400 \$0 \$1,000 \$1,000 \$0	\$0 \$400 \$1,000 \$0 \$1,000 \$0

Department Of Energy FY 2016 Congressional Budg Laboratory Table (Dollars In Thousands)		4:"	27/2015 18:49PM ge 31 of 133
Idaho Operations Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Total Defense Environmental Cleanup	\$7,562	\$6,801	\$7,882
Total Idaho Operations Office	\$257,997	\$218,038	\$227,356

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Laboratory Table (Dollars In Thousands)

FY 2014 Current	FY 2015 Enacted	FY 2016 Request
		•
\$256.614	\$291.379	\$336,381
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\$3.867	\$5.869	\$C
*-,	• - ,	• •
\$0	\$250	\$0
		·
\$2.418	\$2.656	\$2,345
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\$619	\$500	\$0
•	•	• -
\$13.030	\$12.112	\$11,761
+,	÷,	÷.,
\$41,466	\$0	\$0
••••	~~	+ -
\$4,593	\$4.879	\$4,879
\$ 1,000	<i>Q</i> 1,010	<i>\</i> ,
\$170 841	\$175 379	\$7,500
\$0 , 0	<i>4</i> 0,010	\$ 1,000
\$20,260	\$14 415	\$18,351
<i>4-0,-00</i>	\$ 1.1,11 0	\$.0,001
\$18 192	\$18 322	\$C
<i>\</i>	<i>\</i> ¹⁰ ,0 <u>-</u>	ψ c
\$0	\$48 642	\$43,495
ψŪ	ψ10,01 <u>2</u>	\$ 10,100
\$0	\$0	\$178,155
		\$602,867
4001,000	\u01 4,400	4002,001
\$0	\$10	\$10
\$10	\$0	\$0
\$10	\$10	\$10
\$1,975	\$2,400	\$C
\$0	\$0	\$18,972
\$0	\$0	\$2,445
\$1,975	\$2,400	\$21,417
_	Current \$256,614 \$3,867 \$0 \$2,418 \$619 \$13,030 \$41,466 \$4,593 \$4,593 \$170,841 \$20,260 \$18,192 \$0 \$18,192 \$0 \$0 \$10 \$10 \$10 \$10 \$10 \$10 \$1,975 \$0	Current Enacted \$256,614 \$291,379 \$3,867 \$5,869 \$0 \$250 \$2,418 \$2,656 \$619 \$500 \$13,030 \$12,112 \$41,466 \$0 \$4,593 \$4,879 \$170,841 \$175,379 \$20,260 \$14,415 \$18,192 \$18,322 \$0 \$40 \$10 \$10 \$531,900 \$574,403 \$10 \$10 \$10 \$10 \$1,975 \$2,400 \$0 \$0

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 33 of 133	
nsas City Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Nuclear Energy Idaho Facilities Management Idaho Facilities Management	\$60	\$260	\$250
Total Nuclear Energy	\$60	\$260	\$250
Weapons Activities Site Stewardship Site Stewardship	\$0	\$180	\$0
Total Weapons Activities	\$0	\$180	\$0
Federal Salaries and Expenses Federal Salaries and Expenses Federal Salaries and Expenses	\$0	\$6,966	\$7,197
Total Federal Salaries and Expenses	\$0	\$6,966	\$7,197
Office of the Administrator Office of the Administrator Office of the Administrator	\$6,819	\$0	\$0
Total Office of the Administrator	\$6,819	\$0	\$0
tal Kansas City Site Office	\$6,879	\$7,406	\$7,447

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 34 of 133	
Knolls Atomic Power Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Naval Reactors Naval Reactors Program Naval Reactors Program	\$449,500	\$508,300	\$604,266
Total Naval Reactors	\$449,500	\$508,300	\$604,266
Total Knolls Atomic Power Laboratory	\$449,500	\$508,300	\$604,266

Department Of Energy 1/27/2015 FY 2016 Congressional Budget 4:18:49PM Laboratory Table Page 35 of 133 (Dollars In Thousands) FY 2014 FY 2015 FY 2016 Lawrence Berkeley National Laboratory Enacted Current Request Non-Defense Environmental Cleanup **Small Sites Small Sites** \$0 \$17,786 \$0 Total Non-Defense Environmental Cleanup \$17,786 \$0 \$0 Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability Clean Energy Transmission and Reliability \$3,900 \$4,450 \$3,070 Smart Grid \$350 \$655 \$1,800 Infrastructure Security & Energy Restoration \$0 \$50 \$50 \$0 **Energy Storage** \$50 \$0 Cybersecurity for Energy Delivery Systems \$1,200 \$0 \$200 National Electricity Delivery \$2,655 \$2,229 \$2,500 Total Electricity Delivery and Energy Reliability \$7,275 \$6,884 \$9,000 \$7,275 \$6,884 \$9,000 Total Electricity Delivery and Energy Reliability Nuclear Energy Fuel Cycle R & D Fuel Cycle R & D \$2,865 \$2,300 \$2,700 Nuclear Energy Enabling Technologies Nuclear Energy Enabling Technologies \$50 \$100 \$100 Total Nuclear Energy \$2,915 \$2,400 \$2,800 Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Wind Energy \$636 \$1.113 \$1.113 **Geothermal Technologies** \$2,978 \$4.000 \$4,034 Hydrogen & Fuel Cell Technologies \$2,250 \$2,400 \$2,220 Solar Energy \$1,706 \$1,422 \$1,443 Vehicle Technologies \$10,932 \$16,444 \$16,444 \$17,158 **Building Technologies** \$28,416 \$24,218 Federal Energy Management Program \$3,289 \$2,047 \$3,551 Weatherization Assistance \$470 \$450 \$650 State Energy Program \$700 \$800 \$1,400 Advanced Manufacturing \$3,460 \$4,833 \$5,400 Strategic Programs \$1,430 \$1,700 \$1,695 **Bioenergy Technologies** \$4,000 \$4,000 \$4,000 Total Energy Efficiency and Renewable Energy \$61,293 \$66,314 \$55,195 Total Energy Efficiency and Renewable Energy \$61,293 \$55,195 \$66,314

Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$141,630	\$132,558	\$131,486
Basic Energy Sciences			
Basic Energy Sciences	\$158,078	\$147,501	\$151,412
Biological and Environmental Research			
Biological and Environmental Research	\$147,723	\$143,452	\$141,323

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Laboratory Table (Dollars In Thousands)

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vrence Berkeley National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Fusion Energy Sciences			·
Fusion Energy Sciences	\$2,268	\$0	\$0
High Energy Physics			
High Energy Physics	\$66,061	\$62,505	\$70,400
Nuclear Physics	A (A A A	A (T A A)	A (A A A A
Nuclear Physics	\$19,047	\$17,931	\$19,089
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$1,330	\$0	\$0
Science Laboratories Infrastructure	φ1,550	φυ	φυ
Science Laboratories Infrastructure	\$0	\$12,090	\$20,000
Safeguards and Security	φo	\$12,000	<i>\</i> <u>+</u> <u>-</u> 0,000
Safeguards and Security	\$5,658	\$5,658	\$7,085
Total Science	\$541,795	\$521,695	\$540,795
Maanana Aativitiaa			
Weapons Activities Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$0	\$5,000	\$0
Total Weapons Activities	\$0	\$5,000	\$0
•		+-,	÷-
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D	# E 000	¢o	\$ 0
Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D	\$5,936	\$0	\$0
Defense Nuclear Nonproliferation R&D	\$0	\$9,377	\$9,811
Nonproliferation and International Security	ψΟ	ψ3,511	ψ3,011
Nonproliferation and International Security	\$455	\$0	\$0
Total Defense Nuclear Nonproliferation	\$6,391	\$9,377	\$9,811
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$0	\$0	\$4,634
Cost of Work for Others			
Cost of Work for Others	\$2,866	\$1,392	\$0
Total Departmental Administration	\$2,866	\$1,392	\$4,634
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	\$525	\$1,354	\$1,045
Cross Cutting Reasearch	\$2,300	\$3,025	\$1,400
Total CCS and Power Systems	\$2,825	\$4,379	\$2,445
Natural Gas Technologies	. ,	÷ ,	÷ , •
Natural Gas Technologies	\$890	\$857	\$250
Total Fossil Energy Research and Development	\$3,715	\$5,236	\$2,695
I Lawrence Berkeley National Laboratory	\$644,036	\$607,179	\$636,049
	<i>+</i> ,	+	<i>4000,010</i>

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 37 of 133	
vrence Livermore National Laboratory	, FY 2014 Current	FY 2015 Enacted	FY 201 Reques
Electricity Delivery and Energy Reliability	Ganeni	Endoted	Reque
Electricity Delivery and Energy Reliability			
Clean Energy Transmission and Reliability	\$500	\$900	\$
Infrastructure Security & Energy Restoration	\$225	\$75	\$7
Cybersecurity for Energy Delivery Systems	\$358	\$0	\$20
Total Electricity Delivery and Energy Reliability	\$1,083	\$975	\$27
Total Electricity Delivery and Energy Reliability	\$1,083	\$975	\$27
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$1,195	\$1,000	\$1,00
Nuclear Energy Enabling Technologies	• ,	• ,	÷ ,
Nuclear Energy Enabling Technologies	\$200	\$1,000	\$80
Reactors Concepts RD&D		• •	
Reactors Concepts RD&D	\$59	\$100	\$10
Total Nuclear Energy	\$1,454	\$2,100	\$1,90
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy	\$005	\$ 0.40	\$ 0.4
Wind Energy	\$285	\$949 \$4.070	\$94 \$1 50
Geothermal Technologies	\$1,268 \$1,869	\$1,070 \$1,000	\$1,50 \$2,00
Hydrogen & Fuel Cell Technologies Vehicle Technologies	\$2,896	\$1,900 \$2,437	\$2,00 \$2,43
Advanced Manufacturing	ψ2,090 \$0	\$700	φ2, 4 3 \$90
Strategic Programs	\$0 \$0	\$275	φ30 \$
Total Energy Efficiency and Renewable Energy	\$6,318	\$7,331	\$7,78
Total Energy Efficiency and Renewable Energy	\$6,318	\$7,331	\$7,78
Science	* -,	. .,	<i>•••••••</i>
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$37,388	\$56,975	\$13,21
Basic Energy Sciences	<i>vo:</i> ,	<i>400,010</i>	•••,=•
Basic Energy Sciences	\$2,968	\$2,964	\$2,96
Biological and Environmental Research			
Biological and Environmental Research	\$18,286	\$19,895	\$20,16
Fusion Energy Sciences			
Fusion Energy Sciences	\$10,487	\$7,912	\$7,53
High Energy Physics			
High Energy Physics	\$5,565	\$4,645	\$2,15
Nuclear Physics			
Nuclear Physics	\$1,440	\$794	\$79
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$340	\$0	\$
Total Science	\$76,474	\$93,185	\$46,82

Weapons Activities

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Laboratory Table (Dollars In Thousands)

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rence Livermore National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Directed Stockpile Work			
Directed Stockpile Work	\$115,403	\$124,582	\$173,352
Science			
Science Campaign	\$106,985	\$111,431	\$109,194
Site Stewardship	_	_	
Site Stewardship	\$25,880	\$25,814	\$500
Counterterrorism and Counterproliferation Programs	• -	• · · · · · ·	•
Counterterrorism and Counterproliferation Programs	\$0	\$14,900	\$0
Engineering		\$40 700	#47.047
Engineering Campaign	\$25,014	\$18,700	\$17,917
Inertial Confinement Fusion Ignition High Yield	©000.047	¢000 500	¢222 500
Inertial Confinement Fusion Ignition High Yield Campaig	\$328,847	\$322,500	\$322,500
Advanced Simulation & Computing	¢470.077	¢400.075	\$465 205
Advanced Simulation & Computing Campaign Defense Nuclear Security	\$172,977	\$180,875	\$165,395
•	¢б7 7бл	\$53,684	¢52.062
Defense Nuclear Security Information technology and Cybersecurity	\$57,754	30004	\$53,063
Information technology and Cybersecurity	¢16 224	\$16,312	\$16,312
Readiness in Technical Base and Facilities	\$16,234	\$10,31Z	ΦΙΟ, 3ΙΖ
Readiness in Technical Base and Facilities	\$108,627	\$101,257	\$16,000
Nuclear Counterterrorism Incident Response	φ100,02 <i>1</i>	φ101,23 <i>1</i>	φ10,000
Nuclear Counterterrorism Incident Response	\$37,529	\$20,204	\$0
Advanced Manufacturing Development	ψ07,529	Ψ 20 ,20 4	ΨΟ
Advanced Manufacturing Development	\$0	\$3,500	\$3,500
Infrastructure and Safety	ψυ	ψ0,000	ψ0,000
Infrastructure and Safety	\$0	\$0	\$120,883
Total Weapons Activities	\$995,250	\$993,759	\$998,616
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$3,050	\$3,050
Health Safety and Security	ψυ	ψ3,030	ψ3,030
Health Safety and Security (All other)	\$3,050	\$0	\$0
Total Other Defense Activities	\$3,050	\$3,050	\$3,050
olar Oliner Delense Activities	φ3,030	φ 3,030	\$ 3,000
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$6,776	\$2,125	\$0
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$6,776 \$37,537	\$2,125 \$0	
Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D	\$37,537	\$O	\$0
Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D			\$0
Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security	\$37,537 \$0	\$0 \$36,125	\$0 \$38,139
Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security	\$37,537	\$O	\$0 \$0 \$38,139 \$0
Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security	\$37,537 \$0	\$0 \$36,125	\$38,139

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 39 of 133	
Lawrence Livermore National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security	\$0	\$0	\$40,054
Global Material Security Nonproliferation and Arms Control	\$0	\$0	\$12,000
Nonproliferation and Arms Control	\$0	\$0	\$19,064
Total Defense Nuclear Nonproliferation	\$76,423	\$69,919	\$109,257
Fossil Energy Research and Development CCS and Power Systems Cross Cutting Reasearch	\$2,200	\$3,025	\$1,400
Total Fossil Energy Research and Development	\$2,200	\$3,025	\$1,400
Defense Environmental Cleanup NNSA Sites NNSA Sites	\$1,238	\$1,128	\$1,128
Total Defense Environmental Cleanup	\$1,238	\$1,128	\$1,128
Total Lawrence Livermore National Laboratory	\$1,163,490	\$1,174,472	\$1,170,239

FY 2016 La	Department Of Energy 5 Congressional Budget aboratory Table ollars In Thousands)	4:	27/2015 18:49PM ge 40 of 133
Lexington Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security Health Safety and Security	\$0	\$200	\$200
Health Safety and Security (All other)	\$200	\$0	\$0
Total Other Defense Activities	\$200	\$200	\$200
Total Lexington Office	\$200	\$200	\$200

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 41 of 133	
Livermore Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities Site Stewardship			
Site Stewardship	\$O	\$175	\$0
Total Weapons Activities	\$0	\$175	\$0
Federal Salaries and Expenses Federal Salaries and Expenses			
Federal Salaries and Expenses	\$O	\$16,767	\$17,093
Total Federal Salaries and Expenses	\$0	\$16,767	\$17,093
Office of the Administrator Office of the Administrator			
Office of the Administrator	\$16,894	\$0	\$0
Total Office of the Administrator	\$16,894	\$0	\$0
Total Livermore Site Office	\$16,894	\$16,942	\$17,093

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 42 of 13	
Alamos National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Clean Energy Transmission and Reliability	\$1,800	\$1,320	\$2,464
Smart Grid Cybersecurity for Energy Delivery Systems	\$150 \$2,970	\$252 \$50	\$470 \$200
		•	
Total Electricity Delivery and Energy Reliability	\$4,920	\$1,622	\$3,134
Total Electricity Delivery and Energy Reliability	\$4,920	\$1,622	\$3,134
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$13,605	\$13,600	\$13,200
Nuclear Energy Enabling Technologies	*	A (a (a	• • • • •
Nuclear Energy Enabling Technologies	\$875	\$1,940	\$1,372
Reactors Concepts RD&D Reactors Concepts RD&D	\$100	\$0	\$0
International Nuclear Energy Cooperation	φιου	ψυ	ψι
International Nuclear Energy Cooperation	\$0	\$50	\$0
Total Nuclear Energy	\$14,580	\$15,590	\$14,572
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Geothermal Technologies	\$808	\$150	\$200
Hydrogen & Fuel Cell Technologies	\$6,046	\$6,130	\$6,600
Solar Energy	\$675	\$667	\$677
Vehicle Technologies	\$1,084	\$1,100	\$1,100
Strategic Programs	\$0	\$275	\$0
Bioenergy Technologies	\$1,770	\$1,500	\$1,500
Local Technical Assistance Program	\$0	\$0	\$20,000
Total Energy Efficiency and Renewable Energy	\$10,383	\$9,822	\$30,077
Total Energy Efficiency and Renewable Energy	\$10,383	\$9,822	\$30,077
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$8,778	\$7,380	\$4,746
Basic Energy Sciences	•	•	.
Basic Energy Sciences	\$33,721	\$25,107	\$25,562
Biological and Environmental Research	#04.000	\$05 000	\$00.05
Biological and Environmental Research Fusion Energy Sciences	\$24,992	\$25,308	\$23,657
Fusion Energy Sciences	\$3,563	\$2,192	\$1,986
High Energy Physics	ψ0,000	ΨΖ, Ι ΞΖ	ψ1,300
High Energy Physics	\$3,095	\$2,035	\$1,950
Nuclear Physics	40,000	¥=,000	Ψ1,000
Nuclear Physics	\$10,226	\$7,996	\$9,518
		· ·	
Workforce Development for Teachers and Scientists			

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 43 of 133

Alamos National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Total Science	\$84,809	\$70,018	\$67,419
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$446,876	\$444,768	\$356,034
Science			
Science Campaign	\$134,812	\$136,365	\$133,185
Site Stewardship			
Site Stewardship	\$1,970	\$3,143	\$2,000
Counterterrorism and Counterproliferation Programs			
Counterterrorism and Counterproliferation Programs	\$0	\$14,693	\$0
Engineering			
Engineering Campaign	\$29,290	\$23,712	\$23,975
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaig	\$14,752	\$15,920	\$16,000
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$222,522	\$218,656	\$168,90 1
Defense Nuclear Security			
Defense Nuclear Security	\$104,304	\$96,508	\$102,998
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$15,560	\$16,000	\$16,000
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$458,653	\$407,383	\$313,888
Nuclear Counterterrorism Incident Response			
Nuclear Counterterrorism Incident Response	\$41,155	\$23,772	\$0
Advanced Manufacturing Development	•	.	•
Advanced Manufacturing Development	\$0	\$3,000	\$2,500
Infrastructure and Safety	^	^	* ***
Infrastructure and Safety	\$0	\$0	\$290,178
Total Weapons Activities	<mark>\$1,469,894</mark>	<mark>\$1,403,920</mark>	<mark>\$1,425,659</mark>
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$95	\$9
Health Safety and Security			
Health Safety and Security (All other)	\$95	\$0	\$0
Total Other Defense Activities	\$95	\$95	\$9
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$31,804	\$22,651	\$(
Nonproliferation and Verification R&D	\$0 , 00 ,	+ , ···	Ŧ
Nonproliferation and Verification R&D	\$108,549	\$0	\$0
Defense Nuclear Nonproliferation R&D	•••••	÷-	•
Defense Nuclear Nonproliferation R&D	\$0	\$90,464	\$97,848
Nonproliferation and International Security	+-	÷ / - • -	··· · · ·
Nonproliferation and International Security	\$23,236	\$22,900	\$0
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•	Department Of Energy FY 2016 Congressional Budget		1/27/2015 4:18:49PM	
Laboratory Tab (Dollars In Thousa		e Page 4-		
s Alamos National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques	
International Material Protection and Cooperation International Material Protection and Cooperation Fissile Materials Disposition	\$21,533	\$17,329	\$0	
Fissile Materials Disposition Nuclear Counterterrorism and Incident Response	\$38,600	\$25,000	\$0	
Nuclear Counterterrorism Incident Response Global Material Security	\$0	\$0	\$41,500	
Global Material Security Material Management and Minimization	\$0	\$0	\$30,000	
Material Management and Minimization Nonproliferation and Arms Control	\$0	\$0	\$27,987	
Nonproliferation and Arms Control	\$0	\$0	\$21,152	
Total Defense Nuclear Nonproliferation	\$223,722	\$178,344	\$218,487	
Fossil Energy Research and Development CCS and Power Systems				
Carbon Capture	\$686	\$686	\$(
Carbon Storage	\$491	\$953	\$874	
Cross Cutting Reasearch	\$2,200	\$3,025	\$1,400	
<i>Total CCS and Power Systems</i> Natural Gas Technologies	\$3,377	\$4,664	\$2,274	
Natural Gas Technologies	\$600	\$600	\$250	
Total Fossil Energy Research and Development	\$3,977	\$5,264	\$2,524	
Defense Environmental Cleanup NNSA Sites				
NNSA Sites	\$220,686	\$182,645	\$185,231	
Los Alamos National Laboratory	\$0	\$4,600	\$0	

\$220,686

\$220,686

\$2,033,066

\$185,231

\$185,231

\$1,947,198

\$187,245

\$187,245

\$1,871,920

Total NNSA Sites

Total Defense Environmental Cleanup

Total Los Alamos National Laboratory

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		4:18	2015 :49PM 9 45 of 133
Los Alamos Site Office		FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Federal Salaries and Expenses Federal Salaries and Expenses Federal Salaries and Expenses		\$0	\$15,255	\$16,224
Total Federal Salaries and Expenses		\$0	\$15,255	\$16,224
Office of the Administrator Office of the Administrator Office of the Administrator		\$15,132	\$0	\$0
Total Office of the Administrator		\$15,132	\$0	\$0
Total Los Alamos Site Office		\$15,132	\$15,255	\$16,224

FY 2016 Congress Laboratory	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		2015 :49PM • 46 of 133
Miamisburg Site	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	\$0	\$8,408	\$0
Southwest Experimental Fast Oxide Reactor	\$1,000	\$0	\$0
Total Small Sites	\$1,000	\$8,408	\$0
Total Non-Defense Environmental Cleanup	\$1,000	\$8,408	\$0
Defense Environmental Cleanup			
Closure Sites			
Miamisburg	\$285	\$0	\$0
Total Defense Environmental Cleanup	\$285	\$0	\$0
Total Miamisburg Site	\$1,285	\$8,408	\$0

FY	Department Of Energy 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:18	2015 :49PM • 47 of 133
Moab Site	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Non-Defense Environmental Cleanup Small Sites Small Sites	\$36,478	\$35,663	\$37,629
Total Non-Defense Environmental Cleanu	p \$36,478	\$35,663	\$37,629
Total Moab Site	\$36,478	\$35,663	\$37,629

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 48 of 133	
Morgantown Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Other Defense Activities Office of Legacy Management Legacy Management	\$14,158	\$11,432	\$11,462
Total Other Defense Activities	\$14,158	\$11,432	\$11,462
Total Morgantown Office	\$14,158	\$11,432	\$11,462

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 49 of 133	
Mound Site	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Other Defense Activities Office of Legacy Management Legacy Management	\$19,112	\$17,235	\$15,611
Total Other Defense Activities	\$19,112	\$17,235	\$15,611
Total Mound Site	\$19,112	\$17,235	\$15,611

Ional Energy Technology Lab Current Enacted Reque Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability Frogram Direction \$6,938 \$6,745 \$7,11 Clean Energy Transmission and Reliability \$1,645 \$7,524 \$14,65 Smart Grid \$7,445 \$7,900 \$26,000 \$66 Cybersecurity for Energy Delivery Systems \$11,121 \$34,957 \$38,66 National Electricity Delivery and Energy Reliability \$27,799 \$58,755 \$69,77 Total Electricity Delivery and Energy Reliability \$27,799 \$58,755 \$69,77 Total Electricity Delivery and Energy Reliability \$22,799 \$58,755 \$69,77 Total Electricity Delivery and Energy Reliability \$22,7799 \$58,755 \$69,77 Total Electricity Delivery and Renewable Energy Program Direction \$12,248 \$12,299 \$12,270 Program Direction \$12,248 \$12,270 \$35,00 \$26,02 \$23,33 State Energy Program \$0 \$200 \$33 \$42,433 \$22,580 \$24,343 \$22,58	Department Of FY 2016 Congressiona Laboratory Table (Dollars In Thousan	al Budget	1/27/2015 4:18:49PM Page 50 of 1:	
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability Program Direction State Energy Transmission and Reliability Signart Grid Infrastructure Security & Energy Restoration So \$4000 \$60 Cybersecurity for Energy Delivery Systems State Electricity Delivery and Energy Reliability Total Electricity Delivery and Energy Reliability Program Direction Total Electricity Delivery and Energy Reliability Program Direction So \$500 \$60 State Energy Efficiency and Renewable Energy Program Direction State Energy Program Advanced Manufacturing State Energy Efficiency and Renewable Energy State Energy Program So \$22,580 \$22,580 \$22,380 State Energy Program So \$200 \$33 Advanced Sinulatouring Basic Energy Efficiency and Renewable Energy Strategic Programs So \$200 \$33 Total Electricity Delivery and Renewable Energy Program So \$200 \$33 Advanced Manufacturing So \$200 \$31 Total Energy Efficiency and Renewable Energy Strategic Programs So \$0 \$0 Strate Energy Sciences Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences Strate Science Strate Science Basic Energy Sciences Basic Energy Sciences Strate Science Strate Science Basic Energy Sciences Basic Energy Sciences Strate Science Strate Sciences Basic Energy Sciences Basic Energy Sciences Strate Science Strate Science Basic Energy Sciences Basic Energy Sciences Strate Science Strate Science Strate Science Strate Science Strate Science Strate Science Basic Energy Sciences Strate Science Strate Science Strate Science Strate Science Strate Science Strate Science Strate Science Strate Science Strate Sciences Strate Science Strate Sciences Strate Sciences Strate Sciences Strate Sciences Strate Science Strate Sciences Strate Sciences Stra	ional Energy Technology Lab			FY 201 Reques
Program Direction \$6,938 \$6,745 \$7,12 Clean Energy Transmission and Reliability \$1,645 \$7,524 \$14,6 Smart Grid \$7,4445 \$7,900 \$7,224 \$14,6 Smart Grid \$7,4445 \$7,900 \$7,224 \$14,6 Clean Energy Transmission and Reliability \$7,4445 \$7,900 \$7,224 Infrastructure Security & Energy Restoration \$0 \$600 \$7,2 Infrastructure Security Delivery and Energy Reliability \$27,799 \$58,755 \$69,77 Total Electricity Delivery and Energy Reliability \$27,799 \$58,755 \$69,77 Energy Efficiency and Renewable Energy Program Direction \$12,248 \$12,299 \$12,27 Porgram Direction \$12,248 \$12,270 \$122,27 \$122,27 \$122,27 Geothermal Technologies \$22,300 \$23,334 \$22,51 \$34,43 \$22,52 \$34 \$22,270 \$122,270 \$122,27 \$122,27 \$122,27 \$122,270 \$122,270 \$122,270 \$122,270 \$122,270 \$122,270 \$122,270 <td></td> <td></td> <td></td> <td>- 1</td>				- 1
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Departmental Administration

FY 2016 Congressional Laboratory Table	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		/2015 3:49PM ∋ 51 of 133
ional Energy Technology Lab	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Strategic Partnership Projects Strategic Partnership Projects Cost of Work for Others	\$0	\$0	\$150
Cost of Work for Others	\$300	\$150	\$0
Total Departmental Administration	\$300	\$150	\$150
Office of the Inspector General Office of the Inspector General			
Office of the Inspector General	\$2,977	\$0	\$0
Total Office of the Inspector General	\$2,977	\$0	\$0
Fossil Energy Research and Development CCS and Power Systems			
Carbon Capture	\$88,133	\$86,048	\$116,468
Carbon Storage	\$103,924	\$92,723	\$101,591
Advanced Energy Systems	\$95,330	\$101,425	\$38,885
Cross Cutting Reasearch	\$25,336	\$31,029	\$40,579
STEP (Supercritical CO2)	\$0	\$10,000	\$19,300
NETL Coal R&D	\$50,011	\$50,000	\$34,031
<i>Total CCS and Power Systems</i> Natural Gas Technologies	\$362,734	\$371,225	\$350,854
Natural Gas Technologies Program Direction	\$17,332	\$21,487	\$40,920
National Energy Technology Center Program Direction Fossil Energy Environmental Restoration	\$84,963	\$87,239	\$83,893
Fossil Energy Environmental Restoration Unconventional Fossil Energy Technologies	\$4,477	\$4,477	\$6,777
Unconventional Fossil Energy Technologies Super Computer	\$14,167	\$4,208	\$0
Super Computer	\$0	\$ 0	\$5,500
Total Fossil Energy Research and Development	\$483,673	\$488,636	\$487,944
Strategic Petroleum Reserve SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$243	\$446	\$446
Total Strategic Petroleum Reserve	\$243	\$446	\$446
al National Energy Technology Lab	\$693,381	\$742,360	\$768,084

FY 2016 Congressiona	Department Of Energy FY 2016 Congressional Budget		1/27/2015 4:18:49PM	
Laboratory Table (Dollars In Thousand		Page	e 52 of 133	
ional Renewable Energy Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2010 Reques	
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability			·	
Clean Energy Transmission and Reliability Smart Grid	\$0 \$545	\$400 \$225	\$54 \$2,30	
Infrastructure Security & Energy Restoration	\$0	\$50	\$5	
Cybersecurity for Energy Delivery Systems	\$0	\$50	\$	
National Electricity Delivery	\$760	\$771	\$1,00	
Total Electricity Delivery and Energy Reliability	\$1,305	\$1,496	\$3,89	
Total Electricity Delivery and Energy Reliability	\$1,305	\$1,496	\$3,89	
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy				
Wind Energy	\$33,508	\$29,761	\$29,76	
Facilities and Infrastructure	\$45,973	\$56,000	\$62,00	
Geothermal Technologies	\$3,917	\$3,615	\$5,00	
Hydrogen & Fuel Cell Technologies	\$16,358	\$17,590	\$17,80	
Water Power	\$4,226	\$4,156	\$4,15	
Solar Energy	\$59,571	\$55,704	\$55,05	
Vehicle Technologies	\$28,013	\$23,456	\$23,45	
Building Technologies	\$21,057	\$12,647	\$17,75	
Federal Energy Management Program	\$5,130	\$4,173	\$7,23	
Weatherization Assistance	\$100	\$700	\$80	
State Energy Program	\$750	\$650	\$1,00	
Tribal Energy Activities	\$400	\$0	\$	
Advanced Manufacturing	\$770	\$1,200	\$1,40	
Strategic Programs	\$6,303	\$7,000	\$6,28	
Bioenergy Technologies	\$49,000	\$40,000	\$40,00	
Total Energy Efficiency and Renewable Energy	\$275,076	\$256,652	\$271,69	
Total Energy Efficiency and Renewable Energy	\$275,076	\$256,652	\$271,69	
Indian Energy Policy and Programs				
Indian Energy Policy and Programs	\$ 0	\$ 000	\$4 00	
Technical Assistance	\$0	\$900	\$1,20	
Total Indian Energy Policy and Programs	\$0	\$900	\$1,20	
Science				
Advanced Scientific Computing Research	* ~~~	* ****	* /	
Advanced Scientific Computing Research	\$266	\$266	\$173	
Basic Energy Sciences	*	M 40.077	A1	
Basic Energy Sciences	\$14,055	\$12,955	\$12,95	
Biological and Environmental Research	* / ~~~	* ~~~	A	
Biological and Environmental Research	\$1,029	\$880	\$78	
Workforce Development for Teachers and Scientists	#440	\$ 0	•	
Workforce Development for Teachers and Scientists	\$140	\$0	\$	
Total Science	\$15,490	\$14,101	\$13,91	

Departmental Administration

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 53 of 133	
National Renewable Energy Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Office of Indian Energy Policy & Programs Office of Indian Energy Policy & Programs Strategic Partnership Projects	\$263	\$0	\$0
Strategic Partnership Projects Cost of Work for Others	\$0	\$0	\$510
Cost of Work for Others	\$200	\$360	\$0
Total Departmental Administration	\$463	\$360	\$510
Total National Renewable Energy Laboratory	\$292,334	\$273,509	\$291,214

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		4:18	1/27/2015 4:18:49PM Page 54 of 133	
Naval Petroleum Reserve No 1	FY 2014 Current	FY 2015 Enacted	FY 2016 Request	
Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves				
Productions Operations Management	\$8,826 \$903	\$8,680 \$1,000	\$12,330 \$1,000	
Total Naval Petroleum and Oil Shale Reserves	\$9,729	\$9,680	\$13,330	
Total Naval Petroleum and Oil Shale Reserves	\$9,729	\$9,680	\$13,330	
Total Naval Petroleum Reserve No 1	\$9,729	\$9,680	\$13,330	

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 55 of 13	
Naval Petroleum Reserve No 3	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves			
Productions Operations Management	\$6,631 \$5,027	\$4,591 \$4,609	\$1,000 \$2,100
Total Naval Petroleum and Oil Shale Reserves	\$11,658	\$9,200	\$3,100
Total Naval Petroleum and Oil Shale Reserves	\$11,658	\$9,200	\$3,100
Total Naval Petroleum Reserve No 3	\$11,658	\$9,200	\$3,100

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 56 of	
Naval Research Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities			
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaig	\$64	\$5,900	\$5,900
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$465	\$826	\$0
Infrastructure and Safety			
Infrastructure and Safety	\$0	\$0	\$25,000
Total Weapons Activities	\$529	\$6,726	\$30,900
Naval Reactors			
Program Direction			
Program Direction	\$18,515	\$18,470	\$19,140
Total Naval Reactors	\$18,515	\$18,470	\$19,140
Total Naval Research Laboratory	\$19,044	\$25,196	\$50,040

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Laboratory Table (Dollars In Thousands)

ada Field Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Nuclear Energy			
Idaho Facilities Management			
Idaho Facilities Management	\$272	\$0	\$0
Total Nuclear Energy	\$272	\$0	\$0
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$234	\$0	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$1,066	\$0	\$0
Biological and Environmental Research			
Biological and Environmental Research	\$258	\$0	\$0
Fusion Energy Sciences			
Fusion Energy Sciences	\$167	\$0	\$0
High Energy Physics	• • • •	A -1	•
High Energy Physics	\$350	\$0	\$0
Nuclear Physics	\$000	¢ 0	¢ 0
Nuclear Physics	\$239	\$0	\$0
Total Science	\$2,314	\$0	\$0
Weapons Activities			
Defense Nuclear Security			
Defense Nuclear Security	\$70,300	\$65,346	\$70,264
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$3,707	\$3,748	\$3,748
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$500	\$0	\$0
Total Weapons Activities	\$74,507	\$69,094	\$74,012
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$15	\$15
Health Safety and Security			
Health Safety and Security (All other)	\$15	\$0	\$0
Total Other Defense Activities	\$15	\$15	\$15
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$0	\$16,480	\$16,719
Total Federal Salaries and Expenses	\$0	\$16,480	\$16,719
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$17,498	\$0	\$0
Total Office of the Administrator	\$17,498	\$0 \$0	\$0 \$0
	ψ17,430	ΨΟ	φυ

Office of the Inspector General

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 58 of 133	
evada Field Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Office of the Inspector General Office of the Inspector General	\$947	\$0	\$0
Total Office of the Inspector General	\$947	\$0	\$0
Defense Environmental Cleanup Program Direction			
Nevada NNSA Sites	\$3,092	\$3,127	\$3,080
NNSA Sites	\$15,310	\$20,435	\$23,825
Total Defense Environmental Cleanup	\$18,402	\$23,562	\$26,905
otal Nevada Field Office	\$113,955	\$109,151	\$117,651

Laboratory Table (Dollars In Thousands)

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ada National Security Site	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$39,413	\$38,616	\$40,130
Science			
Science Campaign	\$46,724	\$47,502	\$42,144
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaig	\$0	\$10	\$0
Defense Nuclear Security			_
Defense Nuclear Security	\$0	\$0	\$13,000
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$147,890	\$133,169	\$22,500
Secure Transportation Asset	•	•	•
Secure Transportation Asset	\$190	\$210	\$216
Nuclear Counterterrorism Incident Response	• · · · · · ·	•	•
Nuclear Counterterrorism Incident Response	\$46,448	\$47,252	\$0
Infrastructure and Safety	^	^	
Infrastructure and Safety	\$0	\$0	\$127,193
Total Weapons Activities	<mark>\$280,665</mark>	<mark>\$266,759</mark>	<mark>\$245,183</mark>
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$4,254	\$3,875	\$0
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$76,453	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$0	\$17,718	\$18,620
Nonproliferation and International Security			
Nonproliferation and International Security	\$48	\$0	\$0
International Material Protection and Cooperation			
International Material Protection and Cooperation	\$450	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$46,048
Total Defense Nuclear Nonproliferation	\$81,205	\$21,593	\$64,668
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$46,587	\$44,416	\$38,560
Total Defense Environmental Cleanup	\$46,587	\$44,416	\$38,560
Total Delense Environmental Cleanup	φ.0,00.	• •	

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 60 of 133	
New Brunswick Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science			
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$900	\$4,900	\$1,200
Program Direction			
Program Direction	\$5,556	\$4,934	\$5,011
Total Science	\$6,456	\$9,834	\$6,211
Defense Nuclear Nonproliferation			
Nonproliferation and International Security			
Nonproliferation and International Security	\$549	\$675	\$0
International Material Protection and Cooperation			
International Material Protection and Cooperation	\$30	\$50	\$0
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$0	\$0	\$688
Total Defense Nuclear Nonproliferation	\$579	\$725	\$688
Departmental Administration			
Cost of Work for Others			
Cost of Work for Others	\$150	\$0	\$0
Total Departmental Administration	\$150	\$0	\$0
Total New Brunswick Laboratory	\$7,185	\$10,559	\$6,899

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Laboratory Table (Dollars In Thousands)

A Albuquerque Complex	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
leapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$54,409	\$185,090	\$158,544
Science			
Science Campaign	\$31,459	\$66,109	\$30,900
Engineering			
Engineering Campaign	\$0	\$8,428	\$3,635
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaig	\$25,785	\$23,039	\$9,500
Advanced Simulation & Computing	. ,		
Advanced Simulation & Computing Campaign	\$19,141	\$23,000	\$0
Defense Nuclear Security			
Defense Nuclear Security	\$7,425	\$6,902	\$7,454
Information technology and Cybersecurity	• , -	* - ,	• , -
Information technology and Cybersecurity	\$852	\$3,500	\$3,500
Readiness in Technical Base and Facilities	* **-	*-,	+-,
Readiness in Technical Base and Facilities	\$4,075	\$40,390	\$2,000
Secure Transportation Asset	÷ .,• . •	<i> </i>	<i> </i>
Secure Transportation Asset	\$163,349	\$183,178	\$215,216
Nuclear Counterterrorism Incident Response	4.00,0.0	\$100,110	<i>\\\\\\\\\\\\\</i>
Nuclear Counterterrorism Incident Response	\$3,457	\$3,667	\$0
Advanced Manufacturing Development	ψ0, 101	40,001	ΨŬ
Advanced Manufacturing Development	\$0	\$5,300	\$3,000
Infrastructure and Safety	Ψ0	40,000	40,000
Infrastructure and Safety	\$0	\$0	\$2,000
otal Weapons Activities	\$309,952	\$548,603	\$435,749
other Defense Activities			
Environment, Health, Safety and Security	# 0	¢4.000	¢4,000
Environment, Health, Safety and Security	\$0	\$1,000	\$1,000
Enterprise Assessments	\$ 0	.	* 4 = 0
Enterprise Assessments	\$0	\$150	\$150
Total Enterprise Assessments	\$0	\$150	\$150
Health Safety and Security			
Health Safety and Security (All other)	\$1,000	\$0	\$0
otal Other Defense Activities	\$1,000	\$1,150	\$1,150
ofenee Nuclear Nennreliferation			
efense Nuclear Nonproliferation			
Global Threat Reduction Initiative	\$ 04.050	\$05 070	\$ 0
Global Threat Reduction Initiative	\$31,959	\$35,279	\$0
Nonproliferation and Verification R&D	A 0 7 400	^	\$ \$\$
	\$37,180	\$0	\$0
	. -	Aac	
•	\$0	\$52,822	\$55,271
	.	•	
Nonproliteration and International Security	\$3,310	\$3,500	\$0
Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security	\$37,180 \$0 \$3,310	\$0 \$52,822 \$3,500	4

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 62 of 133

SA Albuquerque Complex	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
International Material Protection and Cooperation			
International Material Protection and Cooperation	\$159,079	\$39,891	\$0
Fissile Materials Disposition			
Fissile Materials Disposition	\$1,305	\$5,900	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$3,667
Global Material Security			
Global Material Security	\$0	\$0	\$100,721
Material Management and Minimization			
Material Management and Minimization	\$0	\$0	\$11,500
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$0	\$0	\$2,606
Total Defense Nuclear Nonproliferation	\$232,833	\$137,392	\$173,765
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$0	\$0	\$6,630
Cost of Work for Others			
Cost of Work for Others	\$9,150	\$9,330	\$0
Chief Information Officer			
Cybersecurity and Secure Management	\$2,700	\$2,700	\$0
Total Departmental Administration	\$11,850	\$12,030	\$6,630
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$7,847	\$0	\$C
Total Office of the Inspector General	\$7,847	\$0	\$C
Defense Environmental Cleanup			
Program Direction			
Los Alamos	\$3,174	\$3,802	\$3,809
NNSA Sites	+ -,	**,***	+-,
NNSA Sites	\$4,341	\$2,593	\$3,632
Total Defense Environmental Cleanup	\$7,515	\$6,395	\$7,44 1
al NNSA Albuquerque Complex	\$570,997	\$705,570	\$624,735

Laboratory Table (Dollars In Thousands)

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SA Production Office (NPO)	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$0	\$520,757	\$699,928
Site Stewardship			
Site Stewardship	\$0	\$17,319	\$5,093
Engineering			
Engineering Campaign	\$0	\$4,167	\$4,137
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$0	\$250	\$0
Defense Nuclear Security		·	
Defense Nuclear Security	\$0	\$292,422	\$274,082
Information technology and Cybersecurity	÷-	*,	<i>+</i> , <i>,,,,,,</i>
Information technology and Cybersecurity	\$0	\$12,455	\$12,455
Readiness in Technical Base and Facilities	ΨŬ	φ12, 100	ψ1 <u>2</u> , 100
Readiness in Technical Base and Facilities	\$0	\$803,402	\$602,102
Secure Transportation Asset	ΨΟ	ψ000, 4 02	ψυυ2,102
Secure Transportation Asset	\$0	\$5,025	\$6,416
•	φυ	φ <u></u> 0,020	φ0,410
Nuclear Counterterrorism Incident Response	ድጋ	© 0 007	¢o
Nuclear Counterterrorism Incident Response	\$0	\$3,687	\$0
Advanced Manufacturing Development	^	* 4 4 9 9 9	A5 4 000
Advanced Manufacturing Development	\$0	\$14,900	\$51,863
Infrastructure and Safety			
Infrastructure and Safety	\$0	\$0	\$357,020
Total Weapons Activities	<mark>(\$0</mark>	<mark>\$1,674,384</mark>	<mark>\$2,013,096</mark>
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$0	\$17,707	\$0
Defense Nuclear Nonproliferation R&D	ΨŬ	ψ,	ΨŬ
Defense Nuclear Nonproliferation R&D	\$0	\$3,700	\$4,076
Nonproliferation and International Security	ΨΟ	ψ0,700	ψ-,070
Nonproliferation and International Security	\$0	\$825	\$0
International Material Protection and Cooperation	φυ	φ020	φΟ
•	ድር	¢4 004	¢o
International Material Protection and Cooperation	\$0	\$1,204	\$0
Fissile Materials Disposition	\$ 0	4 00.045	^ ~
Fissile Materials Disposition	\$0	\$29,015	\$0
Nuclear Counterterrorism and Incident Response			_
Nuclear Counterterrorism Incident Response	\$0	\$0	\$3,687
Global Material Security			
Global Material Security	\$0	\$0	\$30
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$0	\$0	\$841
Total Defense Nuclear Nonproliferation	\$0	\$52,451	\$8,634
Total Defense Nuclear Nonproliferation	\$0	\$52,451	\$8,634
Federal Salaries and Expenses	\$0	\$52,451	\$8,634
	\$0 \$0	\$52,451 \$23,081	\$8,634 \$23,981

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:1	7/2015 18:49PM ge 64 of 133
NNSA Production Office (NPO)	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Total Federal Salaries and Expenses	\$0	\$23,081	\$23,981
Office of the Administrator Office of the Administrator Office of the Administrator	\$23,286	\$0	\$0
Total Office of the Administrator	\$23,286	\$0	\$0
Total NNSA Production Office (NPO)	\$23,286	\$1,749,916	\$2,045,711

FY 2016 Congres Laboratory	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		2015 :49PM :65 of 133
NNSA Production Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities			
Site Stewardship			
Site Stewardship	\$ 0	\$200	\$0
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$0	\$2,987	\$1,000
Total Weapons Activities	\$0	\$3,187	\$1,000
Total NNSA Production Site Office	\$0	\$3,187	\$1,000

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 66 of 133

Ridge Institute for Science & Education	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Geothermal Technologies	\$130	\$0	\$C
Solar Energy	\$400	\$0	\$0
Vehicle Technologies	\$0	\$200	\$200
Building Technologies	\$753	\$935	\$0
Advanced Manufacturing	\$896	\$830	\$800
Strategic Programs	\$523	\$0	\$0
Total Energy Efficiency and Renewable Energy	\$2,702	\$1,965	\$1,000
Total Energy Efficiency and Renewable Energy	\$2,702	\$1,965	\$1,000
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$122	\$2,400	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$2,264	\$250	\$250
Biological and Environmental Research			
Biological and Environmental Research	\$3,096	\$1,385	\$1,865
Fusion Energy Sciences			
Fusion Energy Sciences	\$1,161	\$744	\$444
High Energy Physics			
High Energy Physics	\$1,356	\$0	\$0
Nuclear Physics	• • •	• -	• -
Nuclear Physics	\$786	\$425	\$792
Workforce Development for Teachers and Scientists	•	, -	• -
Workforce Development for Teachers and Scientists	\$8,144	\$0	\$0
Science Laboratories Infrastructure	+- ,		+-
Science Laboratories Infrastructure	\$0	\$1,000	\$1,000
Safeguards and Security	* •	<i>↓</i> , · , · ··	¢.,
Safeguards and Security	\$1,645	\$1,645	\$1,883
Total Science	\$18,574	\$7,849	\$6,234
Weapons Activities			
Science			
Science Campaign	\$455	\$210	\$0
Counterterrorism and Counterproliferation Programs	Ψτοο	ψ210	ΨΟ
Counterterrorism and Counterproliferation Programs	\$0	\$200	\$0
Inertial Confinement Fusion Ignition High Yield	ΨΟ	Ψ200	ΨΟ
Inertial Confinement Fusion Ignition High Yield Campaig	\$185	\$100	\$0
Nuclear Counterterrorism Incident Response	φ105	φ100	φυ
Nuclear Counterterrorism Incident Response	\$14,620	\$13,146	\$0
Total Weapons Activities	\$15,260	\$13,656	\$0 \$0
	• • •	. ,	÷-
Other Defense Activities Environment Health Safety and Security			
Environment, Health, Safety and Security		¢1 205	¢4 305
Environment, Health, Safety and Security	\$0	\$1,305	\$1,305

FY 2016 Congression Laboratory Tab	Department Of Energy 016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 67 of 133	
Oak Ridge Institute for Science & Education	FY 2014 Current	FY 2015 Enacted	FY 2016 Request	
Health Safety and Security Health Safety and Security (All other)	\$1,305	\$0	\$0	
Total Other Defense Activities	\$1,305	\$1,305	\$1,305	
Defense Nuclear Nonproliferation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security	\$0	\$0	\$13,340	
Global Material Security	\$0	\$0	\$45,000	
Total Defense Nuclear Nonproliferation	\$0	\$0	\$58,340	
Total Oak Ridge Institute for Science & Education	\$37,841	\$24,775	\$66,879	

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Laboratory Table (Dollars In Thousands)

Ridge National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 201 Reques
Electricity Delivery and Energy Reliability			·
Electricity Delivery and Energy Reliability			
Clean Energy Transmission and Reliability	\$3,804	\$2,221	\$4,01
Smart Grid	\$275	\$600	\$90
Infrastructure Security & Energy Restoration	\$0	\$50	\$5
Energy Storage	\$1,031	\$500	\$1,47
Cybersecurity for Energy Delivery Systems	\$2,998	\$50	\$1,30
National Electricity Delivery	\$0	\$429	\$50
Total Electricity Delivery and Energy Reliability	\$8,108	\$3,850	\$8,24
Total Electricity Delivery and Energy Reliability	\$8,108	\$3,850	\$8,24
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$24,532	\$24,100	\$26,10
Radiological Facilities Management			
Radiological Facilities Management	\$19,968	\$19,898	\$
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$27,425	\$27,178	\$26,51
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$14,545	\$19,824	\$23,55
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$380	\$410	\$31
Total Nuclear Energy	\$86,850	\$91,410	\$76,47
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Geothermal Technologies	\$535	\$920	\$1,30
Hydrogen & Fuel Cell Technologies	\$5,048	\$5,120	\$5,50
Water Power	\$4,219	\$2,798	\$2,80
Vehicle Technologies	\$41,903	\$32,402	\$32,40
Building Technologies	\$17,816	\$11,437	\$11,13
Federal Energy Management Program	\$2,673	\$2,332	\$4,04
Weatherization Assistance	\$322	\$200	\$50
State Energy Program	\$550 \$40,045	\$550	\$7(
Advanced Manufacturing	\$12,345 *020	\$17,918 \$200	\$12,70
Strategic Programs Bioenergy Technologies	\$938 \$9,778	\$300 \$9,650	\$40 \$9 ,65
Total Energy Efficiency and Renewable Energy	\$96,127	\$83,627	\$81,13
Total Energy Efficiency and Renewable Energy	\$96,127	\$83,627	\$81,13
Science			
Advanced Scientific Computing Research		• · · · -	
Advanced Scientific Computing Research	\$105,968	\$115,932	\$101,58
Basic Energy Sciences			
Basic Energy Sciences	\$305,034	\$304,839	\$316,74
Biological and Environmental Research			_
Biological and Environmental Research	\$80,783	\$74,633	\$74,48

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 69 of 133

Ridge National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Fusion Energy Sciences			
Fusion Energy Sciences	\$219,027	\$164,288	\$162,759
Nuclear Physics			
Nuclear Physics	\$18,914	\$16,938	\$18,541
Science Laboratories Infrastructure	• -	• -	• • • • • • •
Science Laboratories Infrastructure	\$0	\$0	\$12,000
Safeguards and Security	\$40,000	© 0.040	¢40.074
Safeguards and Security	\$13,329	\$9,316	\$12,374
Total Science	\$743,055	\$685,946	\$698,490
Weapons Activities			
Site Stewardship			
Site Stewardship	\$1,391	\$1,542	\$2,083
Counterterrorism and Counterproliferation Programs			
Counterterrorism and Counterproliferation Programs	\$0	\$950	\$0
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$455	\$455	\$0
Readiness in Technical Base and Facilities	•	•	•
Readiness in Technical Base and Facilities	\$4,278	\$3,268	\$0
Nuclear Counterterrorism Incident Response	A O 045	* 4.045	\$ 0
Nuclear Counterterrorism Incident Response	\$2,015	\$1,215	\$0
Total Weapons Activities	\$8,139	\$7,430	\$2,083
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security			
	\$0	\$1,035	\$1.035
Health Safety and Security	\$0	\$1,035	\$1,035
Health Safety and Security Health Safety and Security (All other)	\$0 \$1,035	\$1,035 \$0	\$1,035 \$0
Health Safety and Security (All other) Total Other Defense Activities	\$1,035	\$0	\$0
Health Safety and Security (All other) Total Other Defense Activities	\$1,035	\$0	\$0
Health Safety and Security (All other)Total Other Defense ActivitiesDefense Nuclear Nonproliferation	\$1,035	\$0	\$0
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative	\$1,035 \$1,035	\$0 \$1,035	\$0 \$1,035
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative	\$1,035 \$1,035	\$0 \$1,035	\$0 \$1,035
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D	\$1,035 \$1,035 \$28,165	\$0 \$1,035 \$16,442	\$0 \$1,035 \$0
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$1,035 \$1,035 \$28,165	\$0 \$1,035 \$16,442	\$0 \$1,035 \$0
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security	\$1,035 \$1,035 \$28,165 \$23,493 \$0	\$0 \$1,035 \$16,442 \$0 \$23,650	\$0 \$1,035 \$0 \$0 \$24,740
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security	\$1,035 \$1,035 \$28,165 \$23,493	\$0 \$1,035 \$16,442 \$0	\$0 \$1,035 \$0 \$0
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation	\$1,035 \$1,035 \$28,165 \$23,493 \$0 \$19,983	\$0 \$1,035 \$16,442 \$0 \$23,650 \$21,750	\$0 \$1,035 \$0 \$0 \$24,740 \$0
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation	\$1,035 \$1,035 \$28,165 \$23,493 \$0	\$0 \$1,035 \$16,442 \$0 \$23,650	\$0 \$1,035 \$0 \$0 \$24,740
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response	\$1,035 \$1,035 \$28,165 \$23,493 \$0 \$19,983 \$22,122	\$0 \$1,035 \$16,442 \$0 \$23,650 \$21,750 \$23,731	\$0 \$1,035 \$0 \$24,740 \$0 \$0
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$1,035 \$1,035 \$28,165 \$23,493 \$0 \$19,983	\$0 \$1,035 \$16,442 \$0 \$23,650 \$21,750	\$0 \$1,035 \$0 \$0 \$24,740 \$0
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security	\$1,035 \$1,035 \$28,165 \$23,493 \$0 \$19,983 \$22,122 \$0	\$0 \$1,035 \$16,442 \$0 \$23,650 \$21,750 \$23,731 \$0	\$0 \$1,035 \$0 \$0 \$24,740 \$0 \$0 \$2,915
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security Global Material Security	\$1,035 \$1,035 \$28,165 \$23,493 \$0 \$19,983 \$22,122	\$0 \$1,035 \$16,442 \$0 \$23,650 \$21,750 \$23,731	\$0 \$1,035 \$0 \$24,740 \$0 \$0
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security Global Material Security Material Management and Minimization	\$1,035 \$1,035 \$28,165 \$23,493 \$0 \$19,983 \$22,122 \$0 \$0	\$0 \$1,035 \$16,442 \$0 \$23,650 \$21,750 \$23,731 \$0 \$0	\$0 \$1,035 \$0 \$0 \$24,740 \$0 \$0 \$2,915 \$160,000
Health Safety and Security (All other) Total Other Defense Activities Defense Nuclear Nonproliferation Global Threat Reduction Initiative Global Threat Reduction Initiative Nonproliferation and Verification R&D Nonproliferation and Verification R&D Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D Nonproliferation and International Security Nonproliferation and International Security International Material Protection and Cooperation International Material Protection and Cooperation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response Global Material Security Global Material Security	\$1,035 \$1,035 \$28,165 \$23,493 \$0 \$19,983 \$22,122 \$0	\$0 \$1,035 \$16,442 \$0 \$23,650 \$21,750 \$23,731 \$0	\$0 \$1,035 \$0 \$24,740 \$0 \$0 \$2,915

FY 2016 Congress	Department Of Energy FY 2016 Congressional Budget		7/2015 8:49PM
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Ridge National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$0	\$0	\$21,006
Total Defense Nuclear Nonproliferation	\$93,763	\$85,573	\$215,661
Departmental Administration Cost of Work for Others			
Cost of Work for Others	\$11,861	\$14,768	\$0
Total Departmental Administration	\$11,861	\$14,768	\$0
Fossil Energy Research and Development CCS and Power Systems			
Advanced Energy Systems	\$1,175	\$1,575	\$500
Cross Cutting Reasearch	\$2,013	\$1,800	\$1,249
Total CCS and Power Systems	\$3,188	\$3,375	\$1,749
Total Fossil Energy Research and Development	\$3,188	\$3,375	\$1,749
Defense Environmental Cleanup Oak Ridge Reservation			
Nuclear Facility D & D, ORNL	\$37,896	\$38,387	\$40,850
U233 Disposition Program	\$45,000	\$0	\$26,895
Total Oak Ridge Reservation	\$82,896	\$38,387	\$67,745
Total Defense Environmental Cleanup	\$82,896	\$38,387	\$67,745
Strategic Petroleum Reserve SPR Econometric Modelling Support			
Management	\$400	\$490	\$490
Total Strategic Petroleum Reserve	\$400	\$490	\$490
l Oak Ridge National Laboratory	\$1,135,422	\$1,015,891	\$1,153,102

FY	Department Of Energy 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:18	/2015 ::49PM 9 71 of 133
Oak Ridge National Laboratory Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science Program Direction			
Program Direction	\$5,772	\$6,021	\$6,555
Total Science	\$5,772	\$6,021	\$6,555
Defense Nuclear Nonproliferation Fissile Materials Disposition			
Fissile Materials Disposition	\$833	\$685	\$0
Total Defense Nuclear Nonproliferation	\$833	\$685	\$0
Total Oak Ridge National Laboratory Site Offic	ce \$6,605	\$6,706	\$6,555

FY 2016 Congressional E	Department Of Energy FY 2016 Congressional Budget		2015 :49PM
Laboratory Table (Dollars In Thousands)		Page 72 of 133	
k Ridge Office	FY 2014 Current	FY 2015 Enacted	FY 201 Reques
Nuclear Energy	•••••		
Fuel Cycle R & D			
Fuel Cycle R & D	\$550	\$600	\$60
Program Direction-NE			
Program Direction-NE	\$2,951	\$3,086	\$3,04
Total Nuclear Energy	\$3,501	\$3,686	\$3,64
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$220	\$0	\$
Hydrogen & Fuel Cell Technologies	\$327	\$330	\$40
Strategic Programs	\$108	\$275	\$60
Total Energy Efficiency and Renewable Energy	\$655	\$605	\$1,00
	•		
Total Energy Efficiency and Renewable Energy	\$655	\$605	\$1,00
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$29	\$0	\$22
Basic Energy Sciences			
Basic Energy Sciences	\$276	\$85	\$
Biological and Environmental Research			
Biological and Environmental Research	\$304	\$0	\$
Fusion Energy Sciences			
Fusion Energy Sciences	\$50	\$0	\$
High Energy Physics			
High Energy Physics	\$244	\$0	\$
Nuclear Physics			
Nuclear Physics	\$359	\$0	\$43
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$5,751	\$5,777	\$6,17
Safeguards and Security			
Safeguards and Security	\$21,659	\$19,282	\$21,01
Program Direction			
Program Direction	\$30,666	\$28,505	\$30,06
Small Business Innovation/Technology Transfer Research			
Small Business Innovation/Technology Transfer Researc	\$500	\$0	\$
Total Science	\$59,838	\$53,649	\$57,92
Mannana Activitian			
Weapons Activities Domestic Uranium Enrichment RD&D			
Domestic Uranium Enrichment RD&D	\$105 052	¢07 200	¢
	\$105,952	\$97,200	\$
Total Weapons Activities	\$105,952	\$97,200	\$
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$2,795	\$2,79

FY 2016 Con Labora	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 73 of 133	
k Ridge Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request	
Health Safety and Security Health Safety and Security (All other)	\$2,795	\$0	\$0	
Total Other Defense Activities	\$2,795	\$2,795	\$2,795	
Departmental Administration Strategic Partnership Projects Strategic Partnership Projects	\$0	\$0	\$8,968	
Total Departmental Administration	\$0	\$0	\$8,968	
Office of the Inspector General Office of the Inspector General Office of the Inspector General	\$5,277	\$0	\$0	
Total Office of the Inspector General	\$5,277	\$0	\$0	
Defense Environmental Cleanup Oak Ridge Reservation Nuclear Facility D & D, Y-12 Clean-up and Disposition	\$4,608 \$0	\$9,400 \$4,200	\$6,800 \$0	
<i>Total Oak Ridge Reservation</i> Program Direction	\$4,608	\$13,600	\$6,800	
Oak Ridge	\$15,459	\$12,763	\$14,231	
Total Defense Environmental Cleanup	\$20,067	\$26,363	\$21,031	
al Oak Ridge Office	\$198,085	\$184,298	\$95,355	

FY	Department Of Energy Y 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 74 of 133	
Oak Ridge Reservation	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Defense Environmental Cleanup Oak Ridge Reservation Clean-up and Disposition	\$83,220	\$131,930	\$60,500
Total Defense Environmental Cleanup	\$83,220	\$131,930	\$60,500
Total Oak Ridge Reservation	\$83,220	\$131,930	\$60,500

Departmen FY 2016 Congress Laboratory T (Dollars In Tho	ional Budget able	4:18	/2015 :49PM 9 75 of 133
Oak Ridge Reservation (Off-Site)	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Defense Environmental Cleanup Oak Ridge Reservation ORR Community and Regulatory Support	\$4,365	\$4,365	\$4,400
Total Defense Environmental Cleanup	\$4,365	\$4,365	\$4,400
Total Oak Ridge Reservation (Off-Site)	\$4,365	\$4,365	\$4,400

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 76 of 133	
Office of River Protection	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Defense Environmental Cleanup Office of River Protection Tank Farm Activities Waste Treatment Plant	\$520,216 \$690,000	\$522,000 \$667,000	\$649,000 \$690,000
Total Office of River Protection Program Direction Office of River Protection	\$1,210,216 \$27,880	\$1,189,000 \$28,347	\$1,339,000 \$29,022
Total Defense Environmental Cleanup	\$1,238,096	\$1,217,347	\$1,368,022
Total Office of River Protection	\$1,238,096	\$1,217,347	\$1,368,022

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Laboratory Table (Dollars In Thousands)

ce of Scientific & Technical Information	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Solar Energy	\$28	\$0	\$0
Total Energy Efficiency and Renewable Energy	\$28	\$0	\$0
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$180	\$276	\$183
Basic Energy Sciences			
Basic Energy Sciences	\$319	\$138	\$138
Biological and Environmental Research			
Biological and Environmental Research	\$379	\$0	\$205
Fusion Energy Sciences			
Fusion Energy Sciences	\$178	\$138	\$0
High Energy Physics			
High Energy Physics	\$211	\$138	\$124
Nuclear Physics			
Nuclear Physics	\$198	\$138	\$143
Workforce Development for Teachers and Scientists	Aaaa	^	^
Workforce Development for Teachers and Scientists	\$280	\$0	\$0
Science Laboratories Infrastructure	4 000	\$ 000	\$ \$\$\$\$
Science Laboratories Infrastructure	\$200	\$200	\$200
Safeguards and Security	¢ 407	¢ 407	\$ \$\$\$\$
Safeguards and Security	\$497	\$497	\$609
Program Direction	\$8,770	¢0 701	¢0 500
Program Direction		\$8,781	\$8,592
Total Science	\$11,212	\$10,306	\$10,194
Weapons Activities			
Science			
Science Campaign	\$150	\$200	\$0
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$212	\$213	\$213
Total Weapons Activities	\$362	\$413	\$213
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$300	\$300
Health Safety and Security			
Health Safety and Security (All other)	\$300	\$0	\$0
Total Other Defense Activities	\$300	\$300	\$300
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$16	\$0	\$0
Defense Nuclear Nonproliferation R&D	• -	÷ -	
Defense Nuclear Nonproliferation R&D	\$0	\$18	\$19
	•	•	• •

Departmen FY 2016 Congress Laboratory T (Dollars In Tho	Table	4:18	/2015 ::49PM 9 78 of 133
Office of Scientific & Technical Information	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Total Defense Nuclear Nonproliferation	\$16	\$18	\$19
Total Office of Scientific & Technical Information	\$11,918	\$11,037	\$10,726

Departmer FY 2016 Congress Laboratory (Dollars In The	Table		2015 :49PM : 79 of 133
Ohio Field Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security Health Safety and Security Health Sefety and Security	\$0 \$5	\$5	\$5
Health Safety and Security (All other) Total Other Defense Activities	\$5 \$5	\$0 \$5	\$0 \$5
Total Ohio Field Office	\$5	\$5	\$5

FY 2016 Congre	Department Of Energy FY 2016 Congressional Budget		/2015 3:49PM
Laboratory (Dollars In Ti		Page	e 80 of 133
ific Northwest National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Clean Energy Transmission and Reliability	\$5,415	\$5,250	\$5,427
Smart Grid	\$765	\$2,391	\$12,420
Infrastructure Security & Energy Restoration	\$525	\$125	\$125
Energy Storage	\$5,116	\$3,500	\$7,955
Cybersecurity for Energy Delivery Systems	\$6,236	\$175	\$2,000
Total Electricity Delivery and Energy Reliability	\$18,057	\$11,441	\$27,927
Total Electricity Delivery and Energy Reliability	\$18,057	\$11,441	\$27,927
Nuclear Energy			
Fuel Cycle R & D			_
Fuel Cycle R & D	\$10,825	\$10,400	\$11,100
Nuclear Energy Enabling Technologies	•	• -	•
Nuclear Energy Enabling Technologies	\$2,070	\$0	\$0
Reactors Concepts RD&D	A () - -	• · ·	• · ·
Reactors Concepts RD&D	\$1,150	\$1,150	\$1,150
International Nuclear Energy Cooperation	\$ 400	\$ 400	\$ 00
International Nuclear Energy Cooperation	\$100	\$100	\$60
Total Nuclear Energy	\$14,145	\$11,650	\$12,310
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$2,279	\$3,105	\$3,105
Geothermal Technologies	\$2,095	\$1,842	\$2,500
Hydrogen & Fuel Cell Technologies	\$3,480	\$3,530	\$3,800
Water Power	\$4,161	\$3,306	\$3,300
Solar Energy	\$2,271 \$0,225	\$0 \$14 coo	\$0 \$14 CO2
Vehicle Technologies	\$9,335 \$12,291	\$11,693 \$22,064	\$11,693 \$22,720
Building Technologies Federal Energy Management Program	\$2,034	\$22,004 \$858	\$22,730 \$1,488
Advanced Manufacturing	\$280	\$200	\$290
Strategic Programs	\$200 \$740	\$740	\$705
Bioenergy Technologies	\$15,215	\$15,000	\$15,000
Total Energy Efficiency and Renewable Energy	\$54,181	\$62,338	\$64,611
Total Energy Efficiency and Renewable Energy	\$54,181	\$62,338	\$64,611
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$6,158	\$6,052	\$4,296
Basic Energy Sciences	<i>40,100</i>	<i>+0,00</i>	+.,_00
Basic Energy Sciences	\$25,529	\$24,062	\$24,062
Biological and Environmental Research	+-0,0-0	÷= ., 	<i> </i>
Biological and Environmental Research	\$112,324	\$105,504	\$102,257
Fusion Energy Sciences	÷··-,•- •	+	÷••-,-•
Fusion Energy Sciences	\$1,735	\$1,313	\$1,313
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Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 81 of 133

ific Northwest National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
High Energy Physics			
High Energy Physics	\$10,119	\$3,045	\$2,450
Nuclear Physics			
Nuclear Physics	\$100	\$83	\$83
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$848	\$0	\$0
Safeguards and Security		_	
Safeguards and Security	\$11,317	\$11,317	\$13,126
Total Science	\$168,130	\$151,376	\$147,587
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$10,197	\$16,200	\$18,880
Science			
Science Campaign	\$526	\$0	\$0
Site Stewardship			
Site Stewardship	\$50	\$827	\$0
Counterterrorism and Counterproliferation Programs			
Counterterrorism and Counterproliferation Programs	\$0	\$50	\$C
Engineering			
Engineering Campaign	\$527	\$643	\$0
Readiness Campaign			
Readiness Campaign	\$82	\$0	\$0
Readiness in Technical Base and Facilities	• -	•	• -
Readiness in Technical Base and Facilities	\$0	\$40	\$0
Nuclear Counterterrorism Incident Response	•	•	• -
Nuclear Counterterrorism Incident Response	\$3,195	\$2,905	\$0
Infrastructure and Safety	^	^	A A AAA
Infrastructure and Safety	\$0	\$0	\$3,000
Total Weapons Activities	\$14,577	\$20,665	\$21,880
Other Defense Activities			
Environment, Health, Safety and Security	ድብ	¢1 005	¢1 005
Environment, Health, Safety and Security Enterprise Assessments	\$0	\$1,905	\$1,905
Enterprise Assessments	\$0	\$125	\$125
Total Enterprise Assessments	\$0	\$125	\$125
Health Safety and Security	• -	• -	• -
Health Safety and Security (All other)	\$1,985	\$0	\$0
Total Other Defense Activities	\$1,985	\$2,030	\$2,030
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$83,910	\$63,983	\$C
	ψοσ,στο	<i>400,000</i>	ΨΟ
Nonproliferation and Verification R&D			

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 82 of 133

ific Northwest National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 201 Reques
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$0	\$23,430	\$24,77
Nonproliferation and International Security			
Nonproliferation and International Security	\$20,618	\$20,300	\$
International Material Protection and Cooperation			
International Material Protection and Cooperation	\$166,662	\$113,412	\$
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$2,95
Global Material Security			
Global Material Security	\$0	\$0	\$30,00
Material Management and Minimization			
Material Management and Minimization	\$0	\$0	\$14,00
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$0	\$0	\$17,57
Total Defense Nuclear Nonproliferation	\$298,963	\$221,125	\$89,30
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$0	\$0	\$10,00
Cost of Work for Others			
Cost of Work for Others	\$9,344	\$9,000	\$
Total Departmental Administration	\$9,344	\$9,000	\$10,00
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$412	\$1,266	\$16
Cross Cutting Reasearch	\$2,900	\$3,325	\$1,70
Total CCS and Power Systems	\$3,312	\$4,591	\$1,86
Natural Gas Technologies			
Natural Gas Technologies	\$80	\$50	\$
Total Fossil Energy Research and Development	\$3,392	\$4,641	\$1,86
al Pacific Northwest National Laboratory	\$582,774	\$494,266	\$377,51

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 83 of 133	
Pacific Northwest Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science Program Direction Program Direction	\$5,006	\$4,908	\$5,024
Total Science	\$5,006	\$4,908	\$5,024
Total Pacific Northwest Site Office	\$5,006	\$4,908	\$5,024

Departmer FY 2016 Congress Laboratory (Dollars In The	Table	1/27/2015 4:18:49PM Page 84 of 133	
lucah Gaseous Diffusion Plant	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Non-Defense Environmental Cleanup			
Gaseous Diffusion Plants Gaseous Diffusion Plants	¢40.004	¢ £0,000	¢ 50.000
	\$46,861	\$52,886	\$52,886
Total Non-Defense Environmental Cleanup	\$46,861	\$52,886	\$52,886
Uranium Enrichment Decon. & Decom. Fund Uranium Enrichment D&D Fund			
Pens & Comm & Reg Support Paducah	\$0	\$2,375	\$2,375
Paducah Gaseous Diffusion Plant	\$265,220	\$207,215	\$168,652
Total Uranium Enrichment D&D Fund	\$265,220	\$209,590	\$171,027
Total Uranium Enrichment Decon. & Decom. Fund	\$265,220	\$209,590	\$171,027
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$3,400	\$3,000	\$3,000
Total Other Defense Activities	\$3,400	\$3,000	\$3,000
Defense Environmental Cleanup			
Program Direction			
Paducah/Portsmouth	\$12,029	\$10,849	\$12,075
Safeguards and Security			
Paducah	\$12,434	\$7,297	\$8,216
Total Defense Environmental Cleanup	\$24,463	\$18,146	\$20,291
al Paducah Gaseous Diffusion Plant	\$339,944	\$283,622	\$247,204

Laboratory Table (Dollars In Thousands)

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ntex Plant	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$238,912	\$0	\$0
Site Stewardship			
Site Stewardship	\$15,475	\$0	\$0
Engineering			
Engineering Campaign	\$2,222	\$0	\$
Defense Nuclear Security			
Defense Nuclear Security	\$128,329	\$0	\$
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$6,264	\$0	\$0
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$199,525	\$0	\$
Secure Transportation Asset			
Secure Transportation Asset	\$5,479	\$0	\$
Nuclear Counterterrorism Incident Response			
Nuclear Counterterrorism Incident Response	\$1,817	\$0	\$
Total Weapons Activities	<mark>\$598,023</mark>	<mark>\$0</mark>	<mark>(\$</mark> (
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$10	\$1
Health Safety and Security			
Health Safety and Security (All other)	\$10	\$0	\$
Total Other Defense Activities	\$10	\$10	\$1
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$535	\$0	\$
Nonproliferation and International Security	4000	~~	Ŧ
Nonproliferation and International Security	\$58	\$0	\$
Total Defense Nuclear Nonproliferation	\$593	\$0	\$
al Pantex Plant	\$598,626	\$10	\$1

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 86 of 133	
Pantex Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities Readiness Campaign Readiness Campaign	\$500	\$0	\$0
Total Weapons Activities	\$500	\$0	\$0
Total Pantex Site Office	\$500	\$0	\$0

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 87 of 133	
Pinellas Site	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Other Defense Activities Office of Legacy Management Legacy Management	\$9,143	\$7,218	\$7,643
Total Other Defense Activities	\$9,143	\$7,218	\$7,643
Total Pinellas Site	\$9,143	\$7,218	\$7,643

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		4:18	/2015 3:49PM 9 88 of 133
rtsmouth Gaseous Diffusion Plant	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Non-Defense Environmental Cleanup Gaseous Diffusion Plants Gaseous Diffusion Plants	\$49,361	\$51,517	\$51,517
Total Non-Defense Environmental Cleanup	\$49,361	\$51,517	\$51,517
Uranium Enrichment Decon. & Decom. Fund Uranium Enrichment D&D Fund Pens & Comm & Reg Support Portsmouth Portsmouth Gaseous Diffusion Plant	\$0 \$137,613	\$1,795 \$214,024	\$1,795 \$165,417
Total Uranium Enrichment D&D Fund	\$137,613	\$215,819	\$167,212
Total Uranium Enrichment Decon. & Decom. Fund	\$137,613	\$215,819	\$167,212
Other Defense Activities Office of Legacy Management Legacy Management	\$6,800	\$6,100	\$6,100
Total Other Defense Activities	\$6,800	\$6,100	\$6,100
Defense Environmental Cleanup Safeguards and Security Portsmouth	\$12,500	\$8,492	\$8,492
Total Defense Environmental Cleanup	\$12,500	\$8,492	\$8,492
tal Portsmouth Gaseous Diffusion Plant	\$206,274	\$281,928	\$233,321

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Laboratory Table (Dollars In Thousan			89 of 133
nceton Plasma Physics Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$368	\$295	\$295
Basic Energy Sciences			
Basic Energy Sciences	\$1,300	\$435	\$435
Fusion Energy Sciences			
Fusion Energy Sciences	\$84,246	\$73,435	\$71,562
High Energy Physics			
High Energy Physics	\$225	\$200	\$200
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$568	\$0	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$0	\$25,000	\$0
Safeguards and Security			
Safeguards and Security	\$2,407	\$2,407	\$2,477
Total Science	\$89,114	\$101,772	\$74,969
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$0	\$200	\$0
Total Defense Nuclear Nonproliferation	\$0	\$200	\$0
al Princeton Plasma Physics Laboratory	\$89,114	\$101,972	\$74,969

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 90 of 133	
Princeton Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science Program Direction Program Direction	\$1,566	\$1,633	\$1,608
Total Science	\$1,566	\$1,633	\$1,608
Total Princeton Site Office	\$1,566	\$1,633	\$1,608

Department C FY 2016 Congression	nal Budget	1/27/2015 4:18:49PM Page 91 of 133	
Laboratory Tab (Dollars In Thousa		Page	e 91 of 133
land Operations Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability	¢4.000	¢4 450	¢4.450
Infrastructure Security & Energy Restoration	\$1,660	\$1,152	\$1,152
Total Electricity Delivery and Energy Reliability	\$1,660	\$1,152	\$1,152
Weapons Activities			
Readiness in Technical Base and Facilities	\$ 405	\$ 0	\$ 0
Readiness in Technical Base and Facilities Nuclear Counterterrorism Incident Response	\$105	\$0	\$0
Nuclear Counterterrorism Incident Response	\$1,473	\$1,550	\$0
Total Weapons Activities	\$1,578	\$1,550	\$0
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$1,000	\$1,000
Health Safety and Security Health Safety and Security (All other)	\$1,000	\$0	\$0
Total Other Defense Activities	\$1,000	پر \$1,000	پن \$1,000
	\$ 1,000	\$ 1,000	ψ1,000
Defense Nuclear Nonproliferation Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$1,550
Total Defense Nuclear Nonproliferation	\$0	\$0	\$1,550
·	φυ	ΨΟ	ψ1,000
Departmental Administration Strategic Partnership Projects			
Strategic Partnership Projects	\$0	\$0	\$100
Cost of Work for Others	* *	* •	
Cost of Work for Others	\$550	\$100	\$0
Chief Information Officer	* = 000	#5 000	* 0
Cybersecurity and Secure Management	\$5,900	\$5,900	\$0
Total Departmental Administration	\$6,450	\$6,000	\$100
Office of the Inspector General			
Office of the Inspector General	¢4.004	ድጋ	ድር
Office of the Inspector General	\$1,894	\$0	\$0
Total Office of the Inspector General	\$1,894	\$0	\$0
Defense Environmental Cleanup			
Hanford Site Community and Regulatory Support	\$19,701	\$19,701	\$14,701
Office of River Protection	ψισ,/ΟΙ	ψ10,701	ΨI,/UI
Tank Farm Activities	\$0	\$23,000	\$75,000
Program Direction			
Richland	\$45,102	\$41,507	\$43,473
Total Defense Environmental Cleanup	\$64,803	\$84,208	\$133,174

	Department Of Energy FY 2016 Congressional Budget		/2015 3:49PM
	Laboratory Table (Dollars In Thousands)	Page	e 92 of 133
Richland Operations Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Total Richland Operations Office	\$77,385	\$93,910	\$136,976

	Department Of En FY 2016 Congressional B Laboratory Table (Dollars In Thousands)		4:18	2015 :49PM 93 of 133
Rocky Flats Site		FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Other Defense Activities Office of Legacy Management Legacy Management		\$57,031	\$54,853	\$53,460
Total Other Defense Activities		\$57,031	\$54,853	\$53,460
Defense Environmental Cleanup Closure Sites		\$2.047	¢2 200	¢0 500
Rocky Flats		\$3,617	\$3,389	\$3,589
Total Defense Environmental Cleanup)	\$3,617	\$3,389	\$3,589
Total Rocky Flats Site		\$60,648	\$58,242	\$57,049

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FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
\$400	\$700	\$80
\$1,785	\$861	\$90
\$125	\$0	\$
\$8,274	\$7,450	\$11,57 [°]
\$3,356	\$50	\$50
\$150	\$257	\$10
\$14,090	\$9,318	\$13,880
\$14,090	\$9,318	\$13,88
\$11,800	\$11,900	\$15,80
\$200	\$300	\$200
\$2,505	\$2,530	\$2,30
\$0	\$190	\$
\$400	\$400	\$0
\$14,905	\$15,320	\$18,300
\$9,075	\$6,473	\$6,47
		\$8,30
		\$5,20
		\$4,62
		\$13,30
\$8,659	\$8,300	\$8,300
\$1,000	\$0	\$0
\$110	\$83	\$14
\$425	\$0	\$0
\$0	\$225	\$
\$0	\$275	\$
\$475	\$475	\$47
\$52,122	\$47,430	\$46,812
\$52,122	\$47,430	\$46,812
\$0	\$500	\$700
	4000	φi υ(
	Current \$400 \$1,785 \$125 \$8,274 \$3,356 \$150 \$14,090 \$14,090 \$14,090 \$2,505 \$0 \$2,505 \$0 \$400 \$400 \$14,905 \$400 \$400 \$14,905 \$5,807 \$4,61 \$17,160 \$4,661 \$17,160 \$4,661 \$17,160 \$4,659 \$4,750 \$4,661 \$17,160 \$8,659 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$4,755 \$5,807 \$4,750 \$4,659 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$4,755 \$5,807 \$4,750 \$4,659 \$5,807 \$4,750 \$4,659 \$1,000 \$0,000 \$1,000 \$0,000 \$0,000 \$1,000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,00	Current Enacted \$400 \$700 \$1,785 \$861 \$125 \$0 \$8,274 \$7,450 \$3,356 \$50 \$150 \$257 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$9,318 \$14,090 \$100 \$200 \$300 \$2,505 \$2,530 \$0 \$190 \$400 \$400 \$400 \$400 \$400 \$400 \$400 \$400 \$14,905 \$15,320 \$4,661 \$4,616 \$17,160 \$16,102 \$8,659 \$8,300 <

Science

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 95 of 133

dia National Laboratories	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Advanced Scientific Computing Research			<u> </u>
Advanced Scientific Computing Research	\$14,398	\$13,074	\$5,906
Basic Energy Sciences			
Basic Energy Sciences	\$35,149	\$32,926	\$33,416
Biological and Environmental Research			
Biological and Environmental Research	\$8,454	\$9,464	\$8,763
Fusion Energy Sciences	_	_	
Fusion Energy Sciences	\$2,710	\$2,155	\$1,355
Workforce Development for Teachers and Scientists	• • • • •	•••	•
Workforce Development for Teachers and Scientists	\$100	\$0	\$0
Total Science	\$60,811	\$57,619	\$49,440
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$855,278	\$909,993	\$902,356
Science			
Science Campaign	\$31,685	\$39,050	\$38,238
Site Stewardship	_	_	
Site Stewardship	\$6,233	\$7,002	\$500
Counterterrorism and Counterproliferation Programs	•	• · · ·	•
Counterterrorism and Counterproliferation Programs	\$0	\$10,500	\$0
Engineering	#04.004	*7 0.045	A 70.000
Engineering Campaign	\$81,891	\$73,615	\$73,089
Inertial Confinement Fusion Ignition High Yield Inertial Confinement Fusion Ignition High Yield Campaig	\$48,743	\$44,640	\$44,540
Advanced Simulation & Computing	ψ+0,7+3	φ44,040	φ++,0+0
Advanced Simulation & Computing Campaign	\$132,934	\$142,609	\$142,609
Defense Nuclear Security	ф.о <u>с</u> ,оо.	\$ 112,000	φ·
Defense Nuclear Security	\$65,227	\$60,631	\$59,528
Readiness Campaign	•••,	+,	+,
Readiness Campaign	\$8,284	\$0	\$0
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$16,180	\$16,740	\$16,740
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$166,492	\$149,583	\$39,500
Secure Transportation Asset	_		_
Secure Transportation Asset	\$16,303	\$16,172	\$11,411
Nuclear Counterterrorism Incident Response	•	•	• -
Nuclear Counterterrorism Incident Response	\$35,604	\$24,058	\$0
Advanced Manufacturing Development	\$ 0	* 44,400	A 40.000
Advanced Manufacturing Development	\$0	\$11,400	\$10,880
Infrastructure and Safety	ድሳ	ድሳ	¢125 200
Infrastructure and Safety	\$0	\$0	\$135,300
Total Weapons Activities	<mark>\$1,464,854</mark>	<mark>\$1,505,993</mark>	<mark>\$1,474,691</mark>

Other Defense Activities

Department Of Energy FY 2016 Congressional Budget Laboratory Table

Laboratory Table (Dollars In Thousands)

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dia National Laboratories	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$1,210	\$1,210
Health Safety and Security			
Health Safety and Security (All other)	\$820	\$0	\$C
Total Other Defense Activities	\$820	\$1,210	\$1,210
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$44,440	\$30,104	\$0
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$90,884	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$0	\$84,672	\$92,065
Nonproliferation and International Security			
Nonproliferation and International Security	\$10,095	\$10,700	\$C
International Material Protection and Cooperation			
International Material Protection and Cooperation	\$17,522	\$10,505	\$C
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$35,458
Global Material Security			
Global Material Security	\$0	\$0	\$20,500
Material Management and Minimization			
Material Management and Minimization	\$0	\$0	\$1,000
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$0	\$0	\$6,316
Total Defense Nuclear Nonproliferation	\$162,941	\$135,981	\$155,339
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	\$291	\$184	\$78
Cross Cutting Reasearch	\$300	\$300	\$300
Total CCS and Power Systems	\$591	\$484	\$378
Natural Gas Technologies			
Natural Gas Technologies	\$250	\$250	\$250
Total Fossil Energy Research and Development	\$841	\$734	\$628
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$2,814	\$2,801	\$2,500
Total Defense Environmental Cleanup	\$2,814	\$2,801	\$2,500
		· · ·	
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support	@ 0.000	© 0.005	ው ፈፈር
SPR - Facilities Development	\$3,260	\$3,335	\$3,412
Total Strategic Petroleum Reserve	\$3,260	\$3,335	\$3,412

	Department Of Energy FY 2016 Congressional Budget	1/27/2015 4:18:49PM	
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Sandia National Laboratories	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Total Sandia National Laboratories	\$1,777,458	\$1,780,241	\$1,766,912

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		4:18	2015 :49PM 98 of 133
Sandia Site Office		FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Federal Salaries and Expenses Federal Salaries and Expenses Federal Salaries and Expenses		\$0	\$21,661	\$16,016
Total Federal Salaries and Expenses		\$0	\$21,661	\$16,016
Office of the Administrator Office of the Administrator Office of the Administrator		\$20,758	\$0	\$0
Total Office of the Administrator		\$20,758	\$0	\$0
Total Sandia Site Office		\$20,758	\$21,661	\$16,016

Department FY 2016 Congression	•.	1/27/ 4:18	2015 :49PM
Laboratory Ta (Dollars In Thous		Page	99 of 133
annah River National Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability			
Clean Energy Transmission and Reliability	\$0	\$50	\$0
Cybersecurity for Energy Delivery Systems	\$0	\$50	\$0 \$0
Total Electricity Delivery and Energy Reliability	\$0	\$100	\$0
Total Electricity Delivery and Energy Reliability	\$0	\$100	\$0
Nuclear Energy			
Fuel Cycle R & D	¢тс	ድር	¢o
Fuel Cycle R & D	\$75	\$0	\$0
Total Nuclear Energy	\$75	\$0	\$0
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy Wind Energy	\$610	\$106	\$106
Hydrogen & Fuel Cell Technologies	\$2,862	\$2,900	\$3,100
Solar Energy	\$2,205	\$2,097	\$2,129
Bioenergy Technologies	\$405	\$405	\$405
Total Energy Efficiency and Renewable Energy	\$6,082	\$5,508	\$5,740
Total Energy Efficiency and Renewable Energy	\$6,082	\$5,508	\$5,740
Science			
Basic Energy Sciences	• · · -	• • •	• –
Basic Energy Sciences	\$417	\$417	\$417
Biological and Environmental Research Biological and Environmental Research	\$236	\$0	\$0
Total Science	\$653	\$417	پر \$417
Defense Nuclear Nonproliferation		•	¥ · · ·
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$7,405	\$0	\$0
Defense Nuclear Nonproliferation R&D	* · , · · · ·	÷-	•••
Defense Nuclear Nonproliferation R&D	\$0	\$7,436	\$7,788
Total Defense Nuclear Nonproliferation	\$7,405	\$7,436	\$7,788

Department O FY 2016 Congression	al Budget	4:18	/2015 3:49PM
Laboratory Tab (Dollars In Thousa		Page	e 100 of 133
vannah River Operations Office	FY 2014 Current	FY 2015 Enacted	FY 201 Reques
Nuclear Energy			
Fuel Cycle R & D			_
Fuel Cycle R & D	\$4,365	\$4,400	\$5,50
Total Nuclear Energy	\$4,365	\$4,400	\$5,50
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$841	\$1,629	\$5
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$0	\$100	\$
Total Weapons Activities	\$841	\$1,729	\$5
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$500	\$50
Health Safety and Security			
Health Safety and Security (All other)	\$500	\$0	\$
Total Other Defense Activities	\$500	\$500	\$50
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$450	\$879	\$
International Material Protection and Cooperation			
International Material Protection and Cooperation	\$260	\$336	\$
Fissile Materials Disposition	• • • • • • • •	•	•
Fissile Materials Disposition	\$439,241	\$335,000	\$
Global Material Security	* 0	\$ 0	.
Global Material Security	\$0	\$0	\$5,00
Material Management and Minimization Material Management and Minimization	\$0	\$0	\$9,00
Nonproliferation Construction	ψΟ	ψΟ	ψ3,00
Nonproliferation Construction	\$0	\$0	\$335,00
Total Defense Nuclear Nonproliferation	\$439,951	\$336,215	\$349,00
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$0	\$0	\$6,70
Cost of Work for Others			
Cost of Work for Others	\$9,370	\$5,500	\$
Total Departmental Administration	\$9,370	\$5,500	\$6,70
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$1,760	\$0	\$(
Total Office of the Inspector General	\$1,760	\$0	\$(
Defense Environmental Cleanup		·	

Defense Environmental Cleanup

FY	Department Of Energy 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:1	1/27/2015 4:18:49PM Page 101 of 133	
Savannah River Operations Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request	
Savannah River Sites Community and Regulatory Support Program Direction	\$11,210	\$11,013	\$11,249	
Savannah River Safeguards and Security	\$47,256	\$45,710	\$46,578	
Savannah River Site	\$121,196	\$138,235	\$128,345	
Total Defense Environmental Cleanup	\$179,662	\$194,958	\$186,172	
Total Savannah River Operations Office	\$636,449	\$543,302	\$547,924	

Laboratory Table (Dollars In Thousands)

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Directed Stockpile Work\$73,155\$98,578\$91,63Directed Stockpile Work\$73,155\$98,578\$91,63Site Stewardship\$604\$980\$3,45EngineeringEngineering Campaign\$1,820\$1,550\$15Inertial Confinement Fusion Ignition High Yield\$174\$0\$Inertial Confinement Fusion Ignition High Yield Campaig\$174\$0\$Defense Nuclear Security\$7,970\$7,408\$6,68Information technology and Cybersecurity\$4,592\$5,193\$5,15Readiness in Technical Base and Facilities\$134,268\$122,579\$20,05Nuclear Counterterrorism Incident Response\$2,594\$3,154\$Advanced Manufacturing Development\$0\$5,300\$6,42Infrastructure and Safety\$0\$0\$109,05Total Weapons Activities\$225,177\$244,742\$242,96Defense Nuclear Nonproliferation\$0\$0\$109,05Global Threat Reduction Initiative\$24,258\$13,091\$Nonproliferation and International Security\$5,384\$5,500\$Nuclear Counterterrorism Incident Response\$0\$2,400\$Nuclear Counterterrorism Incident Response\$0\$2,400\$Nonproliferation and International Security\$5,384\$5,500\$Nonproliferation and International Security\$0\$0\$3,16Nonproliferation and International Security\$0\$0\$3,16Material Management and Minimization<	rannah River Site	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Directed Stockpile Work\$73,155\$98,578\$91,63Site Stewardship\$604\$980\$3,45Engineering\$604\$980\$3,45Inertial Confinement Fusion Ignition High Yield\$1,820\$1,550\$15Inertial Confinement Fusion Ignition High Yield Campaig\$174\$0\$Defense Nuclear Security\$7,970\$7,408\$6,86Information technology and Cybersecurity\$7,970\$7,408\$6,86Information technology and Cybersecurity\$134,268\$122,579\$20,06Nuclear Security\$134,268\$122,579\$20,06Nuclear Counterterrorism Incident Response\$2,594\$3,154\$Advanced Manufacturing Development\$0\$5,300\$6,45Infrastructure and Safety\$0\$0\$109,05Total Weapons Activities\$24,258\$13,091\$Clobal Threat Reduction Initiative\$24,258\$13,091\$Global Threat Reduction Initiative\$0\$5,300\$6,45Nuclear Counterterrorism and Incident Response\$0\$2,400\$Nuclear Counterterrorism and Incident Response\$0\$2,400\$Nuclear Counterterrorism and Incident Response\$0\$2,400\$Nuclear Counterterrorism and Incident Response\$0\$0\$3,15Nuclear Counterterrorism and Incident Response\$0\$0\$3,15Nuclear Counterterrorism Al Incident Response\$0\$0\$3,15Nuclear Counterterrorism Al Incident Response\$0	Weapons Activities			
Site Stewardship\$604\$980\$3,45Engineering\$1,820\$1,550\$13Inertial Confinement Fusion Ignition High Yield\$1,820\$1,550\$13Inertial Confinement Fusion Ignition High Yield Campaig\$174\$0\$2Defense Nuclear Security\$7,970\$7,408\$6,86Information technology and Cybersecurity\$1,7970\$7,408\$6,86Information technology and Cybersecurity\$1,34,268\$122,579\$20,05Nuclear Counterterrorism Incident Response\$2,594\$3,154\$Advanced Manufacturing Development\$0\$5,300\$6,42Infrastructure and Safety\$0\$0\$109,05Infrastructure and Safety\$0\$0\$109,05Total Weapons Activities\$244,742\$242,96Operative Reduction Initiative\$24,258\$13,091\$Global Threat Reduction Initiative\$0\$2,300\$6,42Nonproliferation and International Security\$5,384\$5,500\$Nuclear Counterterrorism Incident Response\$0\$2,400\$Nuclear Counterterrorism Incident Response\$0\$0\$11,01Nonproliferation and International Security\$5,384\$5,500\$Sitesile Materials Disposition\$0\$0\$0\$81,01Nonproliferation and Arms Control\$0\$0\$0\$6,61Nonproliferation and Arms Control\$0\$0\$0\$6,61Nonproliferation Construction\$0\$0\$0\$6,6	Directed Stockpile Work			
Site Stewardship\$604\$980\$3,42Engineering Engineering Campaign\$1,820\$1,550\$15Inertial Confinement Fusion Ignition High Yield Inertial Confinement Fusion Ignition High Yield Campaig\$174\$0\$Defense Nuclear Security\$7,970\$7,408\$6,85Information technology and Cybersecurity\$4,592\$5,193\$5,15Readiness in Technical Base and Facilities\$134,268\$122,579\$20,05Nuclear Counterterrorism Incident Response\$134,268\$122,579\$20,05Nuclear Counterterrorism Incident Response\$2,594\$3,154\$Advanced Manufacturing Development\$0\$5,300\$6,45Advanced Manufacturing Development\$0\$5,300\$6,45Infrastructure and Safety\$0\$0\$109,05Total Weapons Activities\$225,177\$244,742\$242,96Obelar NonproliferationGlobal Threat Reduction Initiative\$24,258\$13,091\$Outlear Counterterrorism Alncianal Security\$5,384\$5,500\$Nuclear Counterterrorism and Incident Response\$0\$0\$3,16Nuclear Counterterrorism and Incident Response\$0\$0\$3,16Nuclear Counterterrorism and Incident Response\$0\$0\$3,16Nuclear Counterterrorism and Incident Response\$0\$0\$3,16Material Management and Minimization\$0\$0\$3,16Material Management and Minimization\$0\$0\$4,00Nonproliferation Construction </td <td>Directed Stockpile Work</td> <td>\$73,155</td> <td>\$98,578</td> <td>\$91,639</td>	Directed Stockpile Work	\$73,155	\$98,578	\$91,639
Engineering Engineering Campaign\$1,820\$1,550\$15Inertial Confinement Fusion Ignition High Yield Inertial Confinement Fusion Ignition High Yield Campaig\$174\$0\$Defense Nuclear Security\$7,970\$7,408\$6,85Information technology and Cybersecurity\$4,592\$5,193\$5,15Readiness in Technical Base and Facilities\$134,268\$122,579\$20,06Nuclear Counterterrorism Incident Response\$1,34,268\$122,579\$20,06Nuclear Counterterrorism Incident Response\$2,594\$3,154\$Advanced Manufacturing Development\$0\$5,300\$6,42Advanced Manufacturing Development\$0\$5,300\$6,42Infrastructure and Safety\$0\$0\$109,05Total Weapons Activities\$225,177\$244,742\$242,96Defense Nuclear Nonproliferation Global Threat Reduction Initiative\$24,258\$13,091\$Nonproliferation and International Security\$5,384\$5,500\$Nuclear Counterterrorism Incident Response\$0\$2,400\$Nuclear Counterterrorism and Incident Response\$0\$2,400\$Material Management and Minimization\$0\$0\$3,16Material Management and Minimization\$0\$0\$3,16Nonproliferation Construction\$0\$0\$0\$5,60Nonproliferation Construction\$0\$0\$3,16Nonproliferation and Arms Control\$0\$0\$5,60Nonproliferation Construction\$	Site Stewardship			
Engineering Campaign\$1,820\$1,550\$15Inertial Confinement Fusion Ignition High YieldInertial Confinement Fusion Ignition High Yield Campaig\$174\$0\$3Defense Nuclear Security\$7,970\$7,408\$6,86Information technology and Cybersecurity\$4,592\$5,193\$5,15Readiness in Technical Base and Facilities\$134,268\$122,579\$20,05Nuclear Counterterrorism Incident Response\$2,594\$3,154\$4Advanced Manufacturing Development\$0\$5,300\$6,45Infrastructure and Safety\$0\$0\$109,05Total Weapons Activities\$225,177\$244,742\$24,296Obal Threat Reduction Initiative\$22,5177\$244,742\$24,296Global Threat Reduction Initiative\$24,258\$13,091\$Obal Threat Reduction Initiative\$24,258\$13,091\$Nuclear Counterterrorism and Incident Response\$0\$2,400\$Nonproliferation and International Security\$5,384\$5,500\$Global Threat Reduction Initiative\$0\$0\$3,154\$Nuclear Counterterrorism and Incident Response\$0\$2,400\$Nuclear Counterterrorism and Incident Response\$0\$0\$3,156Nuclear Counterterrorism and Incident Response\$0\$0\$3,156Nuclear Counterterrorism and Incident Response\$0\$0\$3,156Nuclear Counterterrorism and Incident Response\$0\$0\$3,156Nuclear Counterterrorism and Inci	Site Stewardship	\$604	\$980	\$3,459
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Radioactive Liquid Tank Waste Stabilization and Dispos \$690,533 \$712,318 \$810,52		\$432 101	\$207 076	\$386 65
				\$810,520
	, , , , , , , , , , , , , , , , ,			\$1,197,172

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:1	7/2015 8:49PM ge 103 of 133
Savannah River Site	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Total Defense Environmental Cleanup	\$1,123,024	\$1,110,294	\$1,197,172
Total Savannah River Site	\$1,377,843	\$1,376,027	\$1,539,930

Department Of Energy FY 2016 Congressional Budget Laboratory Table		1/27/2015 4:18:49PM Page 104 of 133	
	(Dollars In Thousands)	U	
annah River Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Weapons Activities			-
Engineering			
Engineering Campaign	\$0	\$0	\$1,192
Readiness Campaign			
Readiness Campaign	\$1,734	\$0	\$0
Total Weapons Activities	\$1,734	\$0	\$1,192
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Securi	ity \$0	\$10	\$10
Health Safety and Security	•		
Health Safety and Security (All other)	\$10	\$0	\$C
Total Other Defense Activities	\$10	\$10	\$10
Defense Nuclear Nonproliferation			
Fissile Materials Disposition			
Fissile Materials Disposition	\$56,618	\$30,000	\$0
Total Defense Nuclear Nonproliferation	\$56,618	\$30,000	\$0
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$0	\$4,805	\$4,985
Total Federal Salaries and Expenses	\$0	\$4,805	\$4,985
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$4,743	\$0	\$C
Total Office of the Administrator	\$4,743	\$0	\$0
al Savannah River Site Office	\$63,105	\$34,815	\$6,187

F	Department Of Energy Y 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:18	/2015 a:49PM a 105 of 133
Separations Process Research Unit	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Defense Environmental Cleanup NNSA Sites NNSA Sites	\$23,700	\$0	\$0
Total Defense Environmental Cleanup	\$23,700	\$0	\$0
Total Separations Process Research Unit	\$23,700	\$0	\$0

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 106 of 133

AC National Accelerator Laboratory	FY 2014 Current	FY 2015 Enacted	FY 2010 Reques
Energy Efficiency and Renewable Energy	Carrona	Lindotod	1104400
Energy Efficiency and Renewable Energy			
Solar Energy	\$200	\$0	\$
Total Energy Efficiency and Renewable Energy	\$200	\$0	\$
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$486	\$357	\$37
Basic Energy Sciences			
Basic Energy Sciences	\$279,185	\$338,854	\$400,159
Biological and Environmental Research			
Biological and Environmental Research	\$6,725	\$4,725	\$3,90
Fusion Energy Sciences			
Fusion Energy Sciences	\$4,168	\$4,250	\$4,75
High Energy Physics			
High Energy Physics	\$85,889	\$92,356	\$96,51
Nuclear Physics			
Nuclear Physics	\$134	\$0	\$
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$270	\$0	\$
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$25,482	\$21,920	\$34,80
Safeguards and Security			
Safeguards and Security	\$2,972	\$2,972	\$4,09
Total Science	\$405,311	\$465,434	\$544,59 [.]
Weapons Activities			
Science			
Science Campaign	\$920	\$1,800	\$
Total Weapons Activities	\$920	\$1,800	\$
al SLAC National Accelerator Laboratory	\$406,431	\$467,234	\$544,59 ⁻

FY 2016 C Labo	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		/2015 3:49PM @ 107 of 133
Southeastern Power Administration	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling Program Direction	\$93,284	\$89,710	\$83,600
Program Direction	\$7,750	\$7,220	\$6,900
Total Southeastern Power Admin Operation & M	<i>laint.</i> \$101,034	\$96,930	\$90,500
Total Southeastern Power Administration	\$101,034	\$96,930	\$90,500

Department FY 2016 Congressi Laboratory Ta (Dollars In Thou	onal Budget	4:18	/2015 3:49PM 9 108 of 133
uthwestern Power Administration	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Southwestern Power Admin Operation & Maint.			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$13,598	\$15,174	\$19,279
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$52,000	\$63,000	\$73,000
SWPA Construction			
Construction	\$6,227	\$13,403	\$12,012
Program Direction			
Program Direction	\$29,939	\$31,089	\$31,932
Total Southwestern Power Admin Operation & Maint.	\$101,764	\$122,666	\$136,223
tal Southwestern Power Administration	\$101,764	\$122,666	\$136,223

FY 2016 Congressi Laboratory Ta	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		2015 :49PM • 109 of 133
anford Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy Vehicle Technologies	\$600	\$0	\$0
Total Energy Efficiency and Renewable Energy	\$600	\$0	\$0
Science Program Direction	*0 444	\$0,000	¢0 040
Program Direction	\$2,441	\$2,306	\$2,319
Total Science	\$2,441	\$2,306	\$2,319
tal Stanford Site Office	\$3,041	\$2,306	\$2,319

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 110 of 133	
State of California	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Elk Hills School Lands Fund Elk Hills School Lands Fund Elk Hills School Lands Funds	\$0	\$15,580	\$0
Total Elk Hills School Lands Fund	\$0 \$0	\$15,580	\$0
Total State of California	\$0	\$15,580	\$0

Departmen FY 2016 Congress Laboratory (Dollars In Tho	Table		2015 :49PM 9 111 of 133
Strategic Petroleum Reserve - Bayou Choctow	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Strategic Petroleum Reserve SPR Geotechnical Analytical Support SPR - Facilities Development	\$10,720	\$12,737	\$14,203
Total Strategic Petroleum Reserve	\$10,720	\$12,737	\$14,203
Total Strategic Petroleum Reserve - Bayou Choctow	\$10,720	\$12,737	\$14,203

FY 2016 Congr Laborato	nent Of Energy essional Budget ry Table Thousands)	4:18	2015 :49PM 9 112 of 133
Strategic Petroleum Reserve - Big Hill	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Strategic Petroleum Reserve SPR Geotechnical Analytical Support SPR - Facilities Development	\$20,751	\$20,866	\$44,468
Total Strategic Petroleum Reserve	\$20,751	\$20,866	\$44,468
Total Strategic Petroleum Reserve - Big Hill	\$20,751	\$20,866	\$44,468

Departmen FY 2016 Congress Laboratory (Dollars In Tho	Table	4:18	2015 :49PM = 113 of 133
Strategic Petroleum Reserve - Bryan Mound	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Strategic Petroleum Reserve SPR Geotechnical Analytical Support SPR - Facilities Development	\$17,938	\$26,067	\$28,384
Total Strategic Petroleum Reserve	\$17,938	\$26,067	\$28,384
Total Strategic Petroleum Reserve - Bryan Mound	\$17,938	\$26,067	\$28,384

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		4:18	2015 :49PM 9 114 of 133
Strategic Petroleum Reserve - West Hackberry	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Strategic Petroleum Reserve SPR Geotechnical Analytical Support SPR - Facilities Development	\$24,643	\$22,760	\$35,603
Total Strategic Petroleum Reserve	\$24,643	\$22,760	\$35,603
Total Strategic Petroleum Reserve - West Hackberry	\$24,643	\$22,760	\$35,603

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		4:18	/27/2015 4:18:49PM Page 115 of 133	
Strategic Petroleum Reserve Project Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request	
Strategic Petroleum Reserve SPR Geotechnical Analytical Support				
SPR - Facilities Development SPR Econometric Modelling Support	\$87,146	\$88,788	\$103,194	
Management	\$17,317	\$17,394	\$19,554	
Total Strategic Petroleum Reserve	\$104,463	\$106,182	\$122,748	
Total Strategic Petroleum Reserve Project Office	e \$104,463	\$106,182	\$122,748	

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 116 of 133

mas Jefferson National Accelerator Facility	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$279	\$279	\$284
Basic Energy Sciences			
Basic Energy Sciences	\$500	\$500	\$500
Biological and Environmental Research			
Biological and Environmental Research	\$455	\$40	\$0
High Energy Physics			
High Energy Physics	\$898	\$50	\$785
Nuclear Physics			
Nuclear Physics	\$132,544	\$124,694	\$118,696
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$310	\$0	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$29,200	\$0	\$0
Safeguards and Security			
Safeguards and Security	\$1,732	\$1,732	\$2,563
Total Science	\$165,918	\$127,295	\$122,828
I Thomas Jefferson National Accelerator Facility	\$165,918	\$127,295	\$122,828

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	1/27/2015 4:18:49PM Page 117 of 133	
Thomas Jefferson Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Science Program Direction Program Direction	\$1,794	\$1,976	\$1,962
Total Science	\$1,794	\$1,976	\$1,962
Total Thomas Jefferson Site Office	\$1,794	\$1,976	\$1,962

Department Of Energy FY 2016 Congressional Budge Laboratory Table (Dollars In Thousands)		4:18	/2015 a:49PM a 118 of 133
University of Rochester	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities Inertial Confinement Fusion Ignition High Yield Inertial Confinement Fusion Ignition High Yield Campaig	\$63,185	\$66,500	\$60,500
Total Weapons Activities	\$63,185	\$66,500	\$60,500
Total University of Rochester	\$63,185	\$66,500	\$60,500

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 119 of 133

shington Headquarters	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Innovative Tech Loan Guarantee Prog	Ourient	Enacted	Reques
Administrative Operations			
Administrative Operations	\$42,000	\$42,000	\$42,000
Total Innovative Tech Loan Guarantee Prog	\$42,000	\$42,000	\$42,000
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Program Direction	\$20,668	\$20,861	\$25,475
Clean Energy Transmission and Reliability	\$12,330	\$10,472	\$5,817
Smart Grid	\$2,510	\$1,004	\$1,940
Infrastructure Security & Energy Restoration	\$5,461	\$3,848	\$11,848
Energy Storage	\$285	\$0	\$0
Cybersecurity for Energy Delivery Systems	\$6,206	\$5,367	\$7,400
National Electricity Delivery	\$1,362	\$1,114	\$1,800
State Energy Reliability and Assurance Grants Transformer Resilience and Advanced Components	\$0 \$0	\$0 \$0	\$63,000 \$5,000
·	-		\$5,000
Total Electricity Delivery and Energy Reliability	\$48,822	\$42,666	\$122,280
Total Electricity Delivery and Energy Reliability	\$48,822	\$42,666	\$122,280
Nuclear Energy			
University Research Program			
University Research	\$500	\$0	\$0
Fuel Cycle R & D	_	_	
Fuel Cycle R & D	\$4,735	\$14,900	\$12,900
Radiological Facilities Management			
Radiological Facilities Management	\$0	\$102	\$0
Idaho Facilities Management	•	•	• · ·
Idaho Facilities Management	\$992	\$1,500	\$1,050
Idaho Sitewide Safeguards and Security			
Idaho Sitewide Safeguards and Security	\$0	\$519	\$500
Transfer from State Department	• • • • •	A -1	•
Transfer from State Department	\$128	\$0	\$0
Program Direction-NE	A 40.005	A 40 4 7 0	.
Program Direction-NE	\$49,635	\$40,176	\$40,393
Nuclear Energy Enabling Technologies	AA AAA	A 40.475	.
Nuclear Energy Enabling Technologies	\$2,288	\$13,175	\$16,180
Reactors Concepts RD&D	A - -	A- <i>i</i> - <i>i</i>	Aa aa
Reactors Concepts RD&D	\$17	\$5,454	\$3,731
International Nuclear Energy Cooperation	* (50	* ~~~	.
International Nuclear Energy Cooperation	\$450	\$335	\$409
SMR Licensing Technical Support	* ~~	<i><i><i><i><i></i></i></i></i><i></i></i>	ME ~/
SMR Licensing Technical Support	\$92	\$500	\$500
Supercritical Transformational Electric Power Generation	# 0		MEA/
Supercritical Transformational Electric Power Generatio	\$0	\$500	\$500
Total Nuclear Energy	\$58,837	\$77,161	\$76,163

Energy Efficiency and Renewable Energy

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 120 of 133

shington Headquarters	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Energy Efficiency and Renewable Energy	Guilein	Lilacieu	Reques
Wind Energy	\$5,855	\$12,744	\$13,698
Program Direction	\$130,197	\$128,277	\$133,607
Geothermal Technologies	\$1,540	\$2,500	\$133,007
Hydrogen & Fuel Cell Technologies	\$1,540 \$2,591	\$2,630 \$2,630	\$2,500 \$2,800
Water Power	\$4,486	\$9,199	\$9,200
Solar Energy	\$45,039	\$4,028	\$26,010
Vehicle Technologies	\$6,695	\$6,862	\$170,862
Building Technologies	\$38,610	\$52,745	\$53,086
Federal Energy Management Program	\$11,683	\$11,789	\$19,149
Weatherization Assistance	\$172,004	\$190,450	\$209,849
State Energy Program	\$41,000	\$40,870	\$48,500
Tribal Energy Activities	\$200	\$0	φ-10,000 \$(
Advanced Manufacturing	\$7,000	\$7,000	\$7,000
Strategic Programs	\$9,120	\$6,000	\$11,265
Bioenergy Technologies	\$14,036	\$24,170	\$20,970
Total Energy Efficiency and Renewable Energy	\$490,056	\$499,264	\$728,496
Total Energy Efficiency and Renewable Energy	\$490,056	\$499,264	\$728,496
Advanced Researched Projects Agency-Energy			
Advanced Researched Projects Agency-Energy			
Projects	\$252,000	\$252,000	\$295,750
Program Direction	\$28,000	\$28,000	\$29,250
Total Advanced Researched Projects Agency-Energy	\$280,000	\$280,000	\$325,000
Total Advanced Researched Projects Agency-Energy	\$280,000	\$280,000	\$325,000
Indian Energy Policy and Programs			
Indian Energy Policy and Programs			
Program Direction	\$0	\$1,965	\$2,945
Technical Assistance	\$0	\$900	\$1,500
Tribal Energy Program	\$0	\$10,990	\$12,990
Total Indian Energy Policy and Programs	\$0	\$13,855	\$17,43
Total Indian Energy Policy and Programs	\$0	\$13,855	\$17,435
Tribal Indian Energy Loan Guarantee Program			
Tribal Indian Energy Loan Guarantee Program			
Administrative Operations	\$0	\$0	\$2,000
Loan guarantee credit subsidy costs	\$0	\$0	\$9,000
Total Tribal Indian Energy Loan Guarantee Program	\$0	\$0 \$0	\$11,000
Total Tribal Indian Energy Loan Guarantee Program	\$0 \$0	\$0 \$0	\$11,000
	ΦŬ	φυ	φ11,000
Advance Technology Vehicles Man Loan Program			
Energy Transformation Acceleration Fund	A -	.	•
Administrative Expenses	\$6,000	\$4,000	\$6,000
Total Advance Technology Vehicles Man Loan Program	\$6,000	\$4,000	\$6,000

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 121 of 133

shington Headquarters	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Uranium Enrichment Decon. & Decom. Fund			•
U/TH Reimbursements	¢o	¢40.000	\$00.050
U/TH Reimbursements	\$0	\$10,000	\$32,959
Total Uranium Enrichment Decon. & Decom. Fund	\$0	\$10,000	\$32,959
Science			
Advanced Scientific Computing Research	•	•	•
Advanced Scientific Computing Research	\$1,579	\$82,583	\$248,173
Basic Energy Sciences	A E 500	A 400.000	
Basic Energy Sciences	\$5,583	\$106,600	\$125,733
Biological and Environmental Research	<u> </u>	Ф Т 4 0 4 4	@404.040
Biological and Environmental Research	\$2,704	\$71,044	\$121,342
Fusion Energy Sciences	¢4.065	¢04.450	¢60.000
Fusion Energy Sciences High Energy Physics	\$1,865	\$94,459	\$69,900
High Energy Physics	\$3,728	\$50,096	\$56,970
Nuclear Physics	φ 3 ,720	450,090	400,970
Nuclear Physics	\$21,498	\$56,726	\$63,522
Workforce Development for Teachers and Scientists	ψ21,400	ψ30,720	Ψ00,022
Workforce Development for Teachers and Scientists	\$30	\$19,500	\$20,500
Safeguards and Security	400	\$10,000	¥20,000
Safeguards and Security	\$414	\$12,887	\$10,433
Program Direction	••••	•,•••	4 ,
Program Direction	\$82,192	\$83,170	\$84,133
Small Business Innovation/Technology Transfer Research	. ,		
Small Business Innovation/Technology Transfer Researc	\$500	\$0	\$0
Total Science	\$120,093	\$577,065	\$800,706
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$44,251	\$54,136	\$394,264
Science			
Science Campaign	\$11,528	\$8,324	\$35,953
Site Stewardship			
Site Stewardship	\$25,834	\$13,050	\$21,975
Counterterrorism and Counterproliferation Programs			
Counterterrorism and Counterproliferation Programs	\$0	\$4,500	\$0
Engineering			
Engineering Campaign	\$2,695	\$1,780	\$4,039
Inertial Confinement Fusion Ignition High Yield	_		
5 S	@40 470	\$11,149	\$20,010
Inertial Confinement Fusion Ignition High Yield Campaig	\$13,170	•••••	
Inertial Confinement Fusion Ignition High Yield Campaig Advanced Simulation & Computing			• · · • • • •
Inertial Confinement Fusion Ignition High Yield Campaig Advanced Simulation & Computing Advanced Simulation & Computing Campaign	\$13,170 \$17,581	\$26,155	\$146,101
Inertial Confinement Fusion Ignition High Yield Campaig Advanced Simulation & Computing Advanced Simulation & Computing Campaign Defense Nuclear Security	\$17,581	\$26,155	
Inertial Confinement Fusion Ignition High Yield Campaig Advanced Simulation & Computing Advanced Simulation & Computing Campaign Defense Nuclear Security Defense Nuclear Security			\$146,101 \$33,847
Inertial Confinement Fusion Ignition High Yield Campaig Advanced Simulation & Computing Advanced Simulation & Computing Campaign Defense Nuclear Security Defense Nuclear Security Readiness Campaign	\$17,581 \$26,770	\$26,155 \$41,110	\$33,847
Inertial Confinement Fusion Ignition High Yield Campaig Advanced Simulation & Computing Advanced Simulation & Computing Campaign Defense Nuclear Security Defense Nuclear Security	\$17,581	\$26,155	

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 122 of 133

shington Headquarters	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Legacy Contractor Pensions			<u> </u>
Legacy Contractor Pensions	\$335,490	\$307,058	\$283,887
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$68,796	\$100,606	\$78,548
Readiness in Technical Base and Facilities		_	_
Readiness in Technical Base and Facilities	\$7,200	\$92,092	\$29,935
Secure Transportation Asset	* 4.400	* •	\$ 0
Secure Transportation Asset	\$4,400	\$0	\$0
Nuclear Counterterrorism Incident Response Nuclear Counterterrorism Incident Response	\$10,117	\$7,440	\$0
Advanced Manufacturing Development	φ10,117	φ7,440	φυ
Advanced Manufacturing Development	\$0	\$14,658	\$5,368
Infrastructure and Safety	ψυ	ψ14,000	φ0,000
Infrastructure and Safety	\$0	\$0	\$118,310
Total Weapons Activities	\$568,813	\$682,058	\$1,172,237
Other Defense Activities			
Environment, Health, Safety and Security Environment, Health, Safety and Security	\$0	\$102,244	\$104,174
Program Direction	\$0 \$0	\$62,235	\$63,105
Total Environment, Health, Safety and Security Enterprise Assessments	\$0	\$164,479	\$167,279
Enterprise Assessments	\$0	\$23,793	\$23,793
Program Direction	\$0 \$0	\$49,466	\$49,466
•			
Total Enterprise Assessments	\$0	\$73,259	\$73,259
Specialized Security Activities Specialized Security Activities	\$202,242	\$203,152	\$221,855
Hearings and Appeals	ψ 2 02,2 4 2	<i>ψ</i> 203,132	φΖΖ Ι,000
Program Direction	\$5,022	\$5,500	\$5,500
Office of Legacy Management	\$0,0 <u>-</u>	40,000	40,000
Legacy Management	\$15,015	\$14,644	\$14,403
Health Safety and Security			
Health Safety and Security (All other)	\$127,861	\$0	\$0
Program Direction			
Program Direction	\$108,301	\$0	\$0
Total Other Defense Activities	\$458,441	\$461,034	\$482,296
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$6,360	\$26,770	\$0
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$31,725	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$0	\$32,969	\$34,856
Nonproliferation and International Security	* · · · • • •	A 40.045	* -
Nonproliferation and International Security	\$11,929	\$13,919	\$0

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 123 of 133

shington Headquarters	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
International Material Protection and Cooperation			
International Material Protection and Cooperation	\$4,829	\$50,024	\$0
Fissile Materials Disposition	•	.	•
Fissile Materials Disposition	\$17,253	\$2,000	\$0
Nuclear Counterterrorism and Incident Response	* 0	\$ 0	\$40 50
Nuclear Counterterrorism Incident Response Legacy Contractor Pensions	\$0	\$0	\$12,522
Legacy Contractor Pensions	\$116,556	\$102,909	\$94,617
Global Material Security	φ110,550	φ102,909	φ94,017
Global Material Security	\$0	\$0	\$4,00
Nonproliferation and Arms Control	ΨŬ	ΨŬ	\$ 1,000
Nonproliferation and Arms Control	\$0	\$0	\$13,21
Total Defense Nuclear Nonproliferation	\$188,652	\$228,591	\$159,210
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	\$76,598	\$84,880	\$91,200
Program Direction			
Program Direction	\$24,697	\$23,030	\$25,860
Total Naval Reactors	\$101,295	\$107,910	\$117,060
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$0	\$264,985	\$300,439
Total Federal Salaries and Expenses	\$0	\$264,985	\$300,43
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$265,370	\$0	\$0
Total Office of the Administrator	\$265,370	\$0	\$(
Departmental Administration			
Energy Policy and Sysems Analysis			
Energy Policy and Sysems Analysis	\$19,269	\$31,181	\$35,00
Small and Disadvantaged Business Utilization	\$10,200	\$ 01,101	400,00
Program Direction	\$0	\$2,253	\$3,00
Total Small and Disadvantaged Business Utilization	\$0	\$2,253	\$3,00
International Affairs			
Program Direction	\$13,066	\$13,000	\$23,60
Climate Change (International)	\$2,287	\$0	\$
Environmental Policy Studies	\$520	\$0	\$
Total International Affairs	\$15,873	\$13,000	\$23,60
Office of Indian Energy Policy & Programs			
Office of Indian Energy Policy & Programs	\$2,243	\$0	\$0
Total Office of Indian Energy Policy & Programs	\$2,243	\$0	\$(

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shington Headquarters	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Strategic Partnership Projects			
Strategic Partnership Projects	\$0	\$0	\$1,108
Chief Financial Officer			
Program Direction	\$47,825	\$47,000	\$50,182
Program Direction			
Program Direction	\$24,488	\$24,500	\$25,400
Total Program Direction	\$24,488	\$24,500	\$25,400
Congressional, and Intergovernmental Affairs			
Program Direction	\$4,700	\$6,300	\$6,300
Public Affairs			
Program Direction	\$3,597	\$3,431	\$3,431
General Counsel			
Program Direction	\$33,053	\$33,000	\$33,000
Office of the Secretary			
Program Direction	\$5,008	\$5,008	\$5,300
Management		\$ 00.040	A-
Program Direction	\$57,599	\$62,946	\$76,227
Economic Impact & Diversity	* C C 40	* C 000	Ф 7 ОО
Program Direction Minority Economic Impact	\$6,648 \$2,483	\$6,200 \$2,800	\$7,99 \$2,00
· · ·			
Total Economic Impact & Diversity	\$9,131	\$9,000	\$10,000
Chief Information Officer	• · · · ·	•	•
Program Direction	\$35,401	\$33,188	\$30,988
Digital Service Team - CIO	\$0 \$00 405	\$0 \$40 704	\$4,000
Cybersecurity and Secure Management Corporate IT Program Support	\$22,195 \$15,866	\$12,764 \$19,612	\$21,006 \$27,806
Total Chief Information Officer		\$65,564	\$83,800
	\$73,462	· ·	
Total Departmental Administration	\$296,248	\$303,183	\$356,348
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$16,819	\$40,500	\$46,424
Total Office of the Inspector General	\$16,819	\$40,500	\$46,424
Federal Energy Regulatory Commission			
Just and Reasonable Rates, Terms and Conditions			
Just and Reasonable Rates, Terms and Conditions	\$145,564	\$142,574	\$148,92 ⁻
Safe, Reliable, Secure, & Efficient Infrastructure	φ1 10,00 I	Ψ· 12,07 ·	\$110,02
Safe, Reliable, Secure, & Efficient Infrastructure	\$104,407	\$106,004	\$112,507
Mission Support through Organizational Excellence	÷••••••	÷···,••	÷,,
Mission Support through Organizational Excellence	\$54,629	\$55,811	\$58,372
Total Federal Energy Regulatory Commission	\$304,600	\$304,389	\$319,800
	+ ,	+	,

Fossil Energy Research and Development

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)

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shington Headquarters	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
CCS and Power Systems	Cullent	LIIACIEU	Request
Carbon Storage	\$262	\$4,786	\$5,180
Cross Cutting Reasearch	\$2,116	\$2,546	\$2,289
Total CCS and Power Systems	\$2,378	\$7,332	\$7,469
Natural Gas Technologies	•	• · ·	•
Natural Gas Technologies	\$828	\$1,877	\$2,330
Program Direction	A A T A A T	Aa (-a (A aa aaa
Headquarters Program Direction	\$35,037	\$31,761	\$30,309
Fossil Energy Environmental Restoration	* 4 400	A 4 400	A 4 400
Fossil Energy Environmental Restoration	\$1,420	\$1,420	\$1,420
Plant & Capital Equipment	•	•	• · · ·
Plant & Capital Equipment	\$16,032	\$15,782	\$18,044
Special Recruitment Programs			
Special Recruitment Programs	\$700	\$700	\$700
Unconventional Fossil Energy Technologies			
Unconventional Fossil Energy Technologies	\$382	\$292	\$0
Total Fossil Energy Research and Development	\$56,777	\$59,164	\$60,272
laval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Management	\$1,070	\$1,070	\$1,070
Fotal Naval Petroleum and Oil Shale Reserves	\$1,070	\$1,070	\$1,070
	\$., 5 . 5	¢1,010	+ ., • . •
Defense Environmental Cleanup			
Program Direction			
Headquarters	\$93,571	\$76,348	\$73,456
Program Support			
Program Support	\$17,979	\$14,979	\$14,979
Uranium Enrichment D&D Fund Contribution			
Uranium Enrichment D&D Fund Contribution	\$0	\$0	\$471,797
Technology Development			
Technology Development	\$17,424	\$14,000	\$14,510
Total Defense Environmental Cleanup	\$128,974	\$105,327	\$574,742
strategic Petroleum Reserve			
SPR Econometric Modelling Support			
Management	\$6,942	\$7,117	\$7,246
	\$6,942		
otal Strategic Petroleum Reserve	Ф0,94 2	\$7,117	\$7,246
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$8,000	\$7,600	\$7,600
Total Northeast Home Heating Oil Reserve Account	\$8,000	\$7,600	\$7,600
Total Northoast Fiorne Fredung On Neserve Account	ψ0,000	Ψ1,000	ψι,000

Energy Information Administration

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 126 of 133	
Washington Headquarters	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Energy Information Administration National Energy Information System	\$116,999	\$117,000	\$131,000
Total Energy Information Administration	\$116,999	\$117,000	\$131,000
Defense EM Funded UE D&D Fund Contribution Uranium Enrichment D & D Fund Contribution Uranium Enrichment D & D Fund Contribution	\$0	\$463,000	\$0
Total Defense EM Funded UE D&D Fund Contribution	\$0	\$463,000	\$0
Total Washington Headquarters	\$3,564,808	\$4,698,939	\$5,897,783

Department (FY 2016 Congressio Laboratory Tal (Dollars In Thous	nal Budget	1/27/2015 4:18:49PM Page 127 of 133	
Vaste Isolation Pilot Plant	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities			
Nuclear Counterterrorism Incident Response			
Nuclear Counterterrorism Incident Response	\$56	\$61	\$0
Total Weapons Activities	\$56	\$61	\$0
Defense Nuclear Nonproliferation Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$0	\$0	\$61
Total Defense Nuclear Nonproliferation	\$0	\$0	\$61
Defense Environmental Cleanup Waste Isolation Pilot Plant Operation and Maintenance	\$216,193	\$320,000	\$243,318
Total Defense Environmental Cleanup	\$216,193	\$320,000	\$243,318
otal Waste Isolation Pilot Plant	\$216,249	\$320,061	\$243,379

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:18	/2015 ::49PM e 128 of 133
Weldon Spring Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Other Defense Activities Office of Legacy Management Legacy Management	\$2,455	\$5,020	\$3,061
Total Other Defense Activities	\$2,455	\$5,020	\$3,061
Total Weldon Spring Site Office	\$2,455	\$5,020	\$3,061

Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)		1/27/2015 4:18:49PM Page 129 of 133		
West Valley Demonstration Project		FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Non-Defense Environmental Cleanup West Valley Demonstration Project West Valley Demonstration Project		\$64,000	\$58,986	\$59,213
Total Non-Defense Environmental Cleanup		\$64,000	\$58,986	\$59,213
Defense Environmental Cleanup Safeguards and Security West Valley		\$2,015	\$1,471	\$1,891
Total Defense Environmental Cleanup		\$2,015	\$1,471	\$1,891
Total West Valley Demonstration Project		\$66,015	\$60,457	\$61,104

Department Of FY 2016 Congressiona	l Budget	4:18	/2015 3:49PM
Laboratory Table (Dollars In Thousand		Page	e 130 of 133
stern Area Power Administration	FY 2014 Current	FY 2015 Enacted	FY 2010 Reques
Indian Energy Policy and Programs			
Indian Energy Policy and Programs	•-	• · · • •	• • •
Technical Assistance	\$0	\$100	\$100
Total Indian Energy Policy and Programs	\$0	\$100	\$100
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$2,164	\$0	\$0
Total Office of the Inspector General	\$2,164	\$0	\$(
Falcon & Amistad - Operating & Maintenance Fund Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance	\$5 331	¢4 727	በሌ ለቃ
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance	\$5,331 \$5,331	\$4,727 \$4,727	\$4,490 \$4,490
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund	\$5,331 \$5,331	\$4,727 \$4,727	
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const.,Rehab.,O&M			
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund			\$4,490 \$4,490 \$436,746
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance	\$5,331	\$4,727	\$4,490 \$436,740
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance Program Direction	\$5,331 \$324,840	\$4,727 \$349,468	\$4,490 \$436,740 \$231,12
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance Systems Operation and Maintenance Program Direction Program Direction Total Western Area Power Admin. Const., Rehab., O&M Colorado River Basins Power Marketing Fund	\$5,331 \$324,840 \$211,909	\$4,727 \$349,468 \$222,605	\$4,49 \$436,74 \$231,12
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance Systems Operation and Maintenance Program Direction Program Direction Total Western Area Power Admin. Const., Rehab., O&M Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses	\$5,331 \$324,840 \$211,909	\$4,727 \$349,468 \$222,605	\$4,49 \$436,74 \$231,12
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance Program Direction Program Direction Total Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance Program Direction Program Direction Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$5,331 \$324,840 \$211,909	\$4,727 \$349,468 \$222,605	\$4,49 \$436,74 \$231,12 \$667,87
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance Systems Operation and Maintenance Program Direction Program Direction Colorado River Basins Power Admin. Const., Rehab., O&M Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project Program Direction	\$5,331 \$324,840 \$211,909 \$536,749 \$123,403	\$4,727 \$349,468 \$222,605 \$572,073 \$167,108	\$4,49 \$436,74 \$231,12 \$667,87 \$153,84
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance Program Direction Program Direction Total Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance Program Direction Program Direction Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$5,331 \$324,840 \$211,909 \$536,749	\$4,727 \$349,468 \$222,605 \$572,073	\$4,49 \$436,74 \$231,12 \$667,87 \$153,84
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance Systems Operation and Maintenance Program Direction Program Direction Colorado River Basins Power Admin. Const., Rehab., O&M Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project Program Direction	\$5,331 \$324,840 \$211,909 \$536,749 \$123,403	\$4,727 \$349,468 \$222,605 \$572,073 \$167,108	\$4,490
Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance Systems Operation and Maintenance Program Direction Program Direction Colorado River Basins Power Admin. Const., Rehab., O&M Equipment, Contracts and Other Related Expenses Colorado River Storage Project Program Direction Program Direction	\$5,331 \$324,840 \$211,909 \$536,749 \$123,403 \$57,441	\$4,727 \$349,468 \$222,605 \$572,073 \$167,108 \$61,101	\$4,49 \$436,74 \$231,12 \$667,87 \$153,84 \$61,80

Laboratory Table (Dollars In Thousands) 1/27/2015 4:18:49PM Page 131 of 133

2 National Security Complex	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Weapons Activities			•
Directed Stockpile Work			
Directed Stockpile Work	\$278,959	\$0	\$0
Site Stewardship			
Site Stewardship	\$4,684	\$0	\$0
Engineering			
Engineering Campaign	\$2,650	\$0	\$0
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$239	\$0	\$0
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$7,452	\$0	\$0
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$651,975	\$0	\$0
Secure Transportation Asset			
Secure Transportation Asset	\$19	\$0	\$0
Nuclear Counterterrorism Incident Response			
Nuclear Counterterrorism Incident Response	\$1,073	\$0	\$0
Total Weapons Activities	<mark>\$947,051</mark>	<mark>\$0</mark>	<mark>\$0</mark>
Defense Nuclear Nonproliferation			
Global Threat Reduction Initiative			
Global Threat Reduction Initiative	\$24,509	\$0	\$0
Nonproliferation and International Security	• ,	• -	• -
Nonproliferation and International Security	\$698	\$0	\$0
International Material Protection and Cooperation	•	• -	• -
International Material Protection and Cooperation	\$3,496	\$0	\$0
Fissile Materials Disposition	+-,	• -	• -
Fissile Materials Disposition	\$31,390	\$0	\$0
Total Defense Nuclear Nonproliferation	\$60,093	\$0	\$0
al Y-12 National Security Complex	\$1,007,144	\$0	\$0

Laboratory Table (Dollars In Thousands)

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2 Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Reques
Weapons Activities			- 1
Defense Nuclear Security			
Defense Nuclear Security	\$178,034	\$0	\$0
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$3,587	\$0	\$0
Total Weapons Activities	\$181,621	\$0	\$0
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$0	\$20	\$20
Health Safety and Security			
Health Safety and Security (All other)	\$20	\$0	\$0
Total Other Defense Activities	\$20	\$20	\$20
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$2,242	\$0	\$0
Fissile Materials Disposition			
Fissile Materials Disposition	\$60	\$0	\$0
Total Defense Nuclear Nonproliferation	\$2,302	\$0	\$0
Defense Environmental Cleanup			
Oak Ridge Reservation			
Nuclear Facility D & D, Y-12	\$35,720	\$34,666	\$35,000
OR Technology Development and Deployment	\$3,960	\$0	\$2,800
Total Oak Ridge Reservation	\$39,680	\$34,666	\$37,800
Total Defense Environmental Cleanup	\$39,680	\$34,666	\$37,800
al Y-12 Site Office	\$223,623	\$34,686	\$37,820

	Department Of Energy FY 2016 Congressional Budget Laboratory Table (Dollars In Thousands)	4:18	2015 :49PM 9 133 of 133
Yucca Mountain Site Office	FY 2014 Current	FY 2015 Enacted	FY 2016 Request
Other Defense Activities Office of Legacy Management Legacy Management	\$200	\$2,635	\$2,505
Total Other Defense Activities	\$200	\$2,635	\$2,505
Total Yucca Mountain Site Office	\$200	\$2,635	\$2,505