DOE/CF-0136

Department of Energy FY 2018 Congressional Budget Request



State Tables Preliminary

May 2017 Office of Chief Financial Officer

Department of Energy FY 2018 Congressional Budget Request



State Tables Preliminary

The numbers depicted in this document represent the <u>gross</u> level of DOE <u>budget authority</u> 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

May 2017

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FY 2018 Congressional Budget

State Table

(Dollars In Thousands)

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Page lumber	State Index	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
1	Alabama	\$23,005	\$21,407	\$700
2	Alaska	\$2,331	\$2,322	¢.00 \$0
3	American Samoa	\$372	\$371	\$C
4	Arizona	\$115,399	\$129,399	\$114,471
6	Arkansas	\$17,635	\$18,208	\$13,893
7	California	\$2,949,784	\$2,877,601	\$2,634,031
13	Colorado	\$1,249,973	\$1,156,324	\$591,473
16	Connecticut	\$17,554	\$13,251	\$6,314
17	Delaware	\$6,421	\$6,707	\$3,785
18	District Of Columbia	\$3,497,319	\$4,098,443	\$4,173,538
28	Florida	\$32,437	\$22,362	\$14,076
29	Georgia	\$94,917	\$87,205	\$69,234
_0 31	Guam	\$385	\$384	¢00,201 \$0
32	Hawaii	\$2,687	\$2,771	φ0 \$1,498
33	Idaho	\$1,454,963	\$1,395,790	\$1,184,385
38	Illinois	\$1,111,716	\$1,174,344	\$1,064,813
42	Indiana	\$30,744	\$1,174,344 \$26,070	\$15,548
43	lowa	\$98,931	\$69,693	\$49,635
45	Kansas	\$11,222	\$9,558	\$3,852
46	Kentucky	\$292,947	\$292,224	\$286,926
48	Louisiana	\$160,601	\$534,081	\$494,803
50	Maine	\$3,389	\$3,224	φ+9+,009 \$0
51	Maryland	\$143,976	\$3,224 \$131,709	پې \$142,823
53	Massachusetts	\$92,005	\$65,122	\$40,292
55	Michigan	\$145,125	\$135,520	\$98,423
56	Minnesota	\$37,297	\$35,514	\$90,423 \$17,427
58	Mississippi	\$2,998	\$2,470	\$259
59	Missouri	\$734,728	\$2,470 \$657,167	\$794,346
62	Montana	\$62,023	\$53,304	\$43,590
64	Nebraska	\$43,211	\$33,304 \$42,889	\$43,390 \$25,784
65	Nevada	\$543,324		\$579,333
68		\$4,252 \$4,252	\$506,960 \$3,423	\$379,333 \$310
69	New Jarsov	\$126,036		
69 71	New Jersey New Mexico	\$5,091,669	\$99,433 \$4,708,534	\$79,565 \$5 301 281
77	New York	\$5,091,869 \$1,306,340	\$4,798,524 \$1,236,840	\$5,391,281 \$1,150,006
				\$1,159,006 \$2,275
81	North Carolina	\$31,935	\$28,552	\$8,375

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FY 2018 Congressional Budget State Table

(Dollars In Thousands)

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Page Number	State Index	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
82	North Dakota	\$113,690	\$112,141	\$59,189
83	Northern Mariana Islands	\$372	\$371	\$0
84	Ohio	\$406,578	\$490,581	\$497,944
86	Oklahoma	\$43,986	\$42,437	\$33,291
87	Oregon	\$6,531	\$5,280	\$1,007
88	Pennsylvania	\$555,040	\$580,345	\$580,525
90	Puerto Rico	\$1,376	\$1,373	\$0
91	Rhode Island	\$5,648	\$5,527	\$1,400
92	South Carolina	\$2,051,910	\$2,035,547	\$2,172,905
96	South Dakota	\$61,900	\$62,505	\$49,091
97	Tennessee	\$3,137,696	\$3,280,595	\$3,135,690
103	Texas	\$758,936	\$801,372	\$806,189
106	Undesignated State	\$358,679	\$447,525	\$395,831
108	Utah	\$74,260	\$70,985	\$60,225
110	Vermont	\$2,082	\$2,017	\$0
111	Virgin Islands	\$400	\$399	\$0
112	Virginia	\$183,021	\$167,307	\$141,317
114	Washington	\$3,138,889	\$3,055,808	\$2,794,546
119	West Virginia	\$703,178	\$684,835	\$341,404
122	Wisconsin	\$57,599	\$47,302	\$12,212
123	Wyoming	\$19,840	\$18,179	\$23,810
	Total Department of Energy	\$31,221,262	\$31,651,597	\$30,210,365

	Department Of Energy		5/18/2	017
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bama		Y 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy				- Roquo
Energy Efficiency and Renewable Energy				
Weatherization Assistance		\$2,277	\$2,266	\$
State Energy Program		\$620	\$620	\$
Total Energy Efficiency and Renewable Energy	ergy	\$2,897	\$2,886	\$
 Total Energy Efficiency and Renewable Energy	,	\$2,897	\$2,886	\$
Science				
Basic Energy Sciences				
Basic Energy Sciences		\$421	\$379	\$
Total Basic Energy Sciences		\$421	\$379	\$
Fusion Energy Sciences				
Fusion Energy Sciences		\$2,133	\$540	\$45
Total Fusion Energy Sciences		\$2,133	\$540	\$45
High Energy Physics				
High Energy Physics		\$485	\$555	\$25
Total High Energy Physics		\$485	\$555	\$25
Nuclear Physics				
Nuclear Physics		\$340	\$350	\$
Total Nuclear Physics		\$340	\$350	\$
Total Science		\$3,379	\$1,824	\$70
Southeastern Power Admin Operation & Mair	nt.			
Purchase Power and Wheeling				
Purchase Power and Wheeling		\$2,887	\$2,881	\$
Total Purchase Power and Wheeling		\$2,887	\$2,881	\$
Total Southeastern Power Admin Operation &	& Maint.	\$2,887	\$2,881	\$
Fossil Energy Research and Development				
CCS and Power Systems				
Carbon Capture	\$	\$13,289	\$13,264	\$
Advanced Energy Systems		\$553	\$552	\$
Total CCS and Power Systems	\$	\$13,842	\$13,816	\$
Total Fossil Energy Research and Developmen	t \$	\$13,842	\$13,816	\$
al Alabama	\$	\$23,005	\$21,407	\$70

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(Dollars In Thousa	inds)		
aska	FY 2016	FY 2017	FY 2018
15Kd	Enacted	Annualized CR	Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$1,630	\$1,622	\$0
State Energy Program	\$301	\$301	\$0
Total Energy Efficiency and Renewable Energy	\$1,931	\$1,923	\$0
Total Energy Efficiency and Renewable Energy	\$1,931	\$1,923	\$0
Fossil Energy Research and Development Natural Gas Technologies			
Natural Gas Technologies	\$400	\$399	\$0
Total Natural Gas Technologies	\$400	\$399	\$0
Total Fossil Energy Research and Development	\$400	\$399	\$0
tal Alaska	\$2,331	\$2,322	\$0

Department Of E FY 2018 Congressional E	0,	5/18/2 3:59:5	
State Table (Dollars In Thousands)		Page	3 of 124
American Samoa	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program	\$176 \$196	\$175 \$196	\$0 \$0
Total Energy Efficiency and Renewable Energy	\$372	\$371	\$0 \$0
Total Energy Efficiency and Renewable Energy	\$372	\$371	\$0
Total American Samoa	\$372	\$371	\$0

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zona	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reque
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$1,498	\$1,490	\$
State Energy Program	\$583	\$583	\$
Total Energy Efficiency and Renewable Energy	\$2,081	\$2,073	\$
Total Energy Efficiency and Renewable Energy	\$2,081	\$2,073	\$
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$525	\$27	\$
Total Advanced Scientific Computing Research	\$525	\$27	\$
Basic Energy Sciences Basic Energy Sciences	\$2,528	\$3,237	\$2,55
Total Basic Energy Sciences	\$2,528	\$3,237	\$2,55
Biological and Environmental Research	+_,	+ - ,	+_,
Biological and Environmental Research	\$2,227	\$1,295	\$65
Total Biological and Environmental Research	\$2,227	\$1,295	\$65
High Energy Physics			
High Energy Physics	\$2,060	\$1,500	\$67
Total High Energy Physics	\$2,060	\$1,500	\$67
Total Science	\$7,340	\$6,059	\$3,88
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$14,809	\$29,028	\$24,63
Total Systems Operation and Maintenance	\$14,809	\$29,028	\$24,63
Program Direction			
Program Direction	\$43,224	\$40,947	\$42,54
Total Program Direction	\$43,224	\$40,947	\$42,54
Total Western Area Power Admin. Const., Rehab., O&	M \$58,033	\$69,975	\$67,17
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expense			
Colorado River Storage Project	\$38,392	\$41,693	\$35,02
Total Equipment, Contracts and Other Related Ex	penses \$38,392	\$41,693	\$35,02
Program Direction	¢0.000	¢0.055	ΦЭЭ 4
Program Direction	\$8,206	\$8,255	\$7,74
Total Program Direction	\$8,206	\$8,255	\$7,74
Total Colorado River Basins Power Marketing Fund	\$46,598	\$49,948	\$42,76

Fossil Energy Research and Development

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Arizona	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
CCS and Power Systems Carbon Capture	\$1,347	\$1,344	\$647
Total CCS and Power Systems	\$1,347	\$1,344	\$647
Total Fossil Energy Research and Development	\$1,347	\$1,344	\$647
Total Arizona	\$115,399	\$129,399	\$114,471

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State Table (Dollars In Thousands)		Page 6	6 of 124
kansas	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reque
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$1,868	\$1,859	S
State Energy Program	\$479	\$479	:
Total Energy Efficiency and Renewable Energy	\$2,347	\$2,338	S
Total Energy Efficiency and Renewable Energy	\$2,347	\$2,338	:
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$3,203	\$3,343	\$1,4
Total Basic Energy Sciences	\$3,203	\$3,343	\$1,40
Total Science	\$3,203	\$3,343	\$1,4
Southwestern Power Admin Operation & Maint.			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$5,338	\$5,179	\$5,0
Total Systems Operation and Maintenance	\$5,338	\$5,179	\$5,0
SWPA Construction			
Construction	\$3,126	\$3,634	\$4,3
Total SWPA Construction	\$3,126	\$3,634	\$4,30
Program Direction			
Program Direction	\$3,621	\$3,714	\$3,06
Total Program Direction	\$3,621	\$3,714	\$3,0
Total Trogram Direction			
Total Southwestern Power Admin Operation & Maint.	\$12,085	\$12,527	\$12,49

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State Table		Page	7 of 124
(Dollars In Thousands)			
alifornia	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Non-Defense Environmental Cleanup			
Small Sites	¢07.450	¢07.406	¢0,000
Small Sites Total Small Sites	\$27,459	\$27,406	\$9,000
	\$27,459	\$27,406	\$9,000
Total Non-Defense Environmental Cleanup	\$27,459	\$27,406	\$9,000
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$5,954	\$5,943	\$2,150
Resilient Distribution Systems	\$3,571	\$3,565	\$750
Cybersecurity for Energy Delivery Systems	\$2,298	\$2,294	\$0
Energy Storage	\$9,219	\$9,202	\$4,000
Transformer Resilience and Advanced Components	\$486	\$485	\$550
Transmission Permitting and Technical Assistance	\$3,438	\$3,431	\$1,791
Infrastructure Security & Energy Restoration	\$300	\$299	\$0
Total Electricity Delivery and Energy Reliability	\$25,266	\$25,219	\$9,24 <i>°</i>
Total Electricity Delivery and Energy Reliability	\$25,266	\$25,219	\$9,241
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$3,121	\$3,000	\$545
Total Fuel Cycle R & D			
-	\$3,121	\$3,000	\$545
Nuclear Energy Enabling Technologies Nuclear Energy Enabling Technologies	\$1,397	\$1,000	\$525
Total Nuclear Energy Enabling Technologies			
	\$1,397	\$1,000	\$525
Reactors Concepts RD&D Reactors Concepts RD&D	\$50	\$50	\$50
Total Reactors Concepts RD&D			
	\$50	\$50	\$50
Total Nuclear Energy	\$4,568	\$4,050	\$1,120
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$1,638	\$2,225	\$1,61 <i>°</i>
Geothermal Technologies	\$2,914	\$1,150	\$3,721
Hydrogen & Fuel Cell Technologies	\$4,400	\$5,189	\$4,280
Solar Energy	\$1,443	\$4,300	\$1,633
Vehicle Technologies	\$15,390	\$17,922	\$7,944
Building Technologies	\$28,224	\$28,193	\$16,610
Federal Energy Management Program	\$3,104	\$2,674	\$1,02
Weatherization Assistance	\$6,057	\$6,028	\$(
State Energy Program	\$3,358	\$3,358	\$(
Advanced Manufacturing	\$11,988	\$9,152 \$1,672	\$12,000 \$0
Stratagia Brograms			\$1
Strategic Programs Bioenergy Technologies	\$1,665 \$5,678	\$9,013	\$4,375

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State Table (Dollars In Thousands)

FY 2018 Congressional Budget

ifornia	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Total Energy Efficiency and Renewable Energy	\$85,859	\$90,876	\$53,199
Total Energy Efficiency and Renewable Energy	\$85,859	\$90,876	\$53,199
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$840
Total Yucca Mountain and Interim Storage	\$0	\$0	\$840
Total Nuclear Waste Disposal	\$0	\$0	\$840
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$164,864	\$151,290	\$129,112
Total Advanced Scientific Computing Research	\$164,864	\$151,290	\$129,112
Basic Energy Sciences			
Basic Energy Sciences	\$639,609	\$609,062	\$539,861
Total Basic Energy Sciences	\$639,609	\$609,062	\$539,861
Biological and Environmental Research			
Biological and Environmental Research	\$201,338	\$192,614	\$111,782
Total Biological and Environmental Research	\$201,338	\$192,614	\$111,782
Fusion Energy Sciences			
Fusion Energy Sciences	\$105,821	\$92,162	\$87,239
Total Fusion Energy Sciences	\$105,821	\$92,162	\$87,239
High Energy Physics			
High Energy Physics	\$206,643	\$183,537	\$119,799
Total High Energy Physics	\$206,643	\$183,537	\$119,799
Nuclear Physics			
Nuclear Physics	\$25,838	\$21,651	\$14,945
Total Nuclear Physics	\$25,838	\$21,651	\$14,945
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$1,992	\$1,390	\$0
Total Workforce Development for Teachers and Scientists	\$1,992	\$1,390	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$54,800	\$63,914	\$24,800
Total Science Laboratories Infrastructure	\$54,800	\$63,914	\$24,800
Safeguards and Security			
Safeguards and Security	\$12,053	\$11,416	\$11,491
Total Safeguards and Security	\$12,053	\$11,416	\$11,491
Program Direction			
Program Direction	\$5,279	\$5,781	\$5,625

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State Table (Dollars In Thousands)

FY 2018 Congressional Budget

ifornia	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Total Program Direction	\$5,279	\$5,781	\$5,62
 Total Science	\$1,418,237	\$1,332,817	\$1,044,65
Weapons Activities	· · · · ·	· · · · · ·	, <u>,</u> , , , , , , , , , , , , , , , , ,
Directed Stockpile Work			
Directed Stockpile Work	\$202,052	\$215,584	\$284,17
Total Directed Stockpile Work	\$202,052	\$215,584	\$284,17
Science			
Science Campaign	\$118,657	\$118,940	\$131,124
Total Science	\$118,657	\$118,940	\$131,124
Engineering			
Engineering Campaign	\$19,355	\$17,695	\$35,72
Total Engineering	\$19,355	\$17,695	\$35,720
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$350,591	\$350,296	\$350,284
Total Inertial Confinement Fusion Ignition High Yield	\$350,591	\$350,296	\$350,28
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$221,676	\$180,166	\$176,73
Total Advanced Simulation & Computing	\$221,676	\$180,166	\$176,73
Defense Nuclear Security			
Defense Nuclear Security	\$51,538	\$53,583	\$53,62
Total Defense Nuclear Security	\$51,538	\$53,583	\$53,620
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$13,125	\$16,415	\$16,41
Total Information technology and Cybersecurity	\$13,125	\$16,415	\$16,41
Infrastructure and Operations			
Infrastructure and Operations	\$135,746	\$154,265	\$197,923
Total Infrastructure and Operations	\$135,746	\$154,265	\$197,92
Nuclear Counterterrorism Incident Response			
Nuclear Counterterrorism Incident Response	\$0	\$0	\$
Total Nuclear Counterterrorism Incident Response	\$0	\$0	\$
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$10,800	\$12,600	\$8,67
Total Advanced Manufacturing Development	\$10,800	\$12,600	\$8,67
Total Weapons Activities	\$1,123,540	\$1,119,544	\$1,254,66
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$3,050	\$3,050	\$3,05

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State Table (Dollars In Thousands)

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ifornia	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Total Environment, Health, Safety and Security	\$3,050	\$3,050	\$3,050
Total Other Defense Activities	\$3,050	\$3,050	\$3,050
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$0	\$0	\$C
Total Nonproliferation and Verification R&D	\$0	\$0	\$C
Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$40,603	\$53,614	\$57,780
Total Defense Nuclear Nonproliferation R&D	\$40,603	\$53,614	\$57,780
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$C
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$81,249	\$80,102	\$92,525
Total Nuclear Counterterrorism and Incident Response	\$81,249	\$80,102	\$92,525
Global Material Security Global Material Security	\$10,190	\$12,177	\$7,287
Total Global Material Security	\$10,190	\$12,177	\$7,287
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$18,202	\$17,451	\$17,611
Total Nonproliferation and Arms Control	\$18,202	\$17,451	\$17,611
Total Defense Nuclear Nonproliferation	\$150,244	\$163,344	\$175,203
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$18,062	\$16,819	\$18,808
Total Federal Salaries and Expenses	\$18,062	\$16,819	\$18,808
Total Federal Salaries and Expenses	\$18,062	\$16,819	\$18,808
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
Total Office of the Administrator	\$0	\$0	\$0
Total Office of the Administrator	\$0	\$0	\$C
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$4,634	\$4,634	\$3,500
Total Strategic Partnership Projects	\$4,634	\$4,634	\$3,500

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State Table (Dollars In Thousands)

ifornia	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Total Departmental Administration	\$4,634	\$4,634	\$3,500
Western Area Power Admin. Const.,Rehab.,O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$3,655	\$5,234	\$474
Total Systems Operation and Maintenance	\$3,655	\$5,234	\$474
Program Direction			
Program Direction	\$38,661	\$36,448	\$37,788
Total Program Direction	\$38,661	\$36,448	\$37,788
- Total Western Area Power Admin. Const.,Rehab.,O&M	\$42,316	\$41,682	\$38,262
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$7,877	\$7,862	\$839
Carbon Storage	\$11,533	\$11,511	\$100
Advanced Energy Systems	\$2,500	\$2,495	\$0
Cross Cutting Reasearch	\$5,771	\$5,759	\$618
Total CCS and Power Systems	\$27,681	\$27,627	\$1,557
Natural Gas Technologies			
Natural Gas Technologies	\$3,857	\$3,850	\$145
Total Natural Gas Technologies	\$3,857	\$3,850	\$145
Total Fossil Energy Research and Development	\$31,538	\$31,477	\$1,702
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Productions Operations	\$12,330	\$12,307	\$16,600
Management	\$1,000	\$998	\$1,000
Total Naval Petroleum and Oil Shale Reserves	\$13,330	\$13,305	\$17,600
Total Naval Petroleum and Oil Shale Reserves	\$13,330	\$13,305	\$17,600
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$1,366	\$1,363	\$1,175
Total NNSA Sites	\$1,366	\$1,363	\$1,175
Total Defense Environmental Cleanup	\$1,366	\$1,363	\$1,175
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$315	\$2,015	\$2,015
Total Energy Information Administration	\$315	\$2,015	\$2,015
 Total Energy Information Administration	\$315	\$2,015	\$2,015
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	(Dollars In Thousands)		
California	FY 2016	FY 2017	FY 2018
California Enact		Annualized CR	Request
Total California	\$2,949,784	\$2,877,601	\$2,634,031

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State Table (Dollars In Thousands)

orado	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$1,481	\$1,478	\$0
Resilient Distribution Systems	\$4,656	\$4,647	\$250
Cybersecurity for Energy Delivery Systems	\$583	\$582	\$0
Energy Storage	\$239	\$239	\$0
Transformer Resilience and Advanced Components	\$74	\$74	\$0
Transmission Permitting and Technical Assistance	\$636	\$635	\$443
Program Direction	\$307	\$306	\$0
Total Electricity Delivery and Energy Reliability	\$7,976	\$7,961	\$693
Total Electricity Delivery and Energy Reliability	\$7,976	\$7,961	\$693
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$70,301	\$66,971	\$18,702
Facilities and Infrastructure	\$62,000	\$61,882	\$92,000
Program Direction	\$27,394	\$20,000	\$20,09
Geothermal Technologies	\$19,670	\$25,968	\$61
Hydrogen & Fuel Cell Technologies	\$55,850	\$53,363	\$13,19
Water Power	\$50,080	\$42,747	\$4,100
Solar Energy	\$217,452	\$207,414	\$49,869
Vehicle Technologies	\$27,283	\$23,025	\$10,657
Building Technologies	\$60,201	\$43,057	\$11,34
Federal Energy Management Program	\$11,050	\$4,246	\$3,160
Weatherization Assistance	\$6,910	\$6,877	\$0,100
State Energy Program	\$8,125	\$8,030	\$(
Advanced Manufacturing	\$146,195	\$167,170	\$43,507
Strategic Programs	\$11,931	\$10,888	¢ 10,001 \$(
Bioenergy Technologies	\$102,257	\$81,408	\$24,825
Total Energy Efficiency and Renewable Energy	\$876,699	\$823,046	\$292,068
	\$876,699	\$823,046	\$292,068
Science	. ,	. ,	. ,
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$761	\$200	\$(
Total Advanced Scientific Computing Research	\$761	\$200	\$(
Basic Energy Sciences	\$21,570	¢17 000	¢17.60
Basic Energy Sciences		\$17,299	\$17,622
Total Basic Energy Sciences	\$21,570	\$17,299	\$17,62
Biological and Environmental Research Biological and Environmental Research	\$15,347	\$6,551	\$2,500
Total Biological and Environmental Research	\$15,347	\$6,551	\$2,500
Fusion Energy Sciences	· - / - · ·	1 - 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Fusion Energy Sciences

FY 2018 Congressional Budget

State Table (Dollars In Thousands)

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orado	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Fusion Energy Sciences	\$1,480	\$801	\$300
Total Fusion Energy Sciences	\$1,480	\$801	\$300
High Energy Physics			
High Energy Physics	\$2,910	\$2,625	\$1,470
Total High Energy Physics	\$2,910	\$2,625	\$1,470
Nuclear Physics Nuclear Physics	\$870	\$380	\$0
Total Nuclear Physics	\$870	\$380	\$0
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$1,306	\$710	\$C \$C
Total Workforce Development for Teachers and Scientists	\$1,306	\$710	\$0
Total Science	\$44,244	\$28,566	\$21,892
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$87,610	\$76,277	\$74,141
Total Office of Legacy Management	\$87,610	\$76,277	\$74,141
Total Other Defense Activities	\$87,610	\$76,277	\$74,141
Departmental Administration			
Office of Indian Energy Policy & Programs Office of Indian Energy Policy & Programs	\$11,033	\$11,881	\$6,033
Total Office of Indian Energy Policy & Programs	\$11,033	\$11,881	\$6,033
Strategic Partnership Projects			
Strategic Partnership Projects	\$510	\$510	\$500
Total Strategic Partnership Projects	\$510	\$510	\$500
Total Departmental Administration	\$11,543	\$12,391	\$6,533
Western Area Power Admin. Const.,Rehab.,O&M			
Systems Operation and Maintenance Systems Operation and Maintenance	\$61,117	\$49,969	\$49,457
Total Systems Operation and Maintenance	\$61,117	\$49,969	\$49,457
Program Direction	φ01,117	\$49,909	φ+9,+07
Program Direction	\$77,887	\$73,817	\$76,712
Total Program Direction	\$77,887	\$73,817	\$76,712
Total Western Area Power Admin. Const.,Rehab.,O&M	\$139,004	\$123,786	\$126,169
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses	407 000	¢00.044	ድጋላ ማጋር
Colorado River Storage Project	\$37,993	\$39,244	\$34,732
Total Equipment, Contracts and Other Related Expenses	\$37,993	\$39,244	\$34,732

Department Of Energy	5/18/2017
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(Dollars In Thousands)	

lorado	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Program Direction			<u>'</u>
Program Direction	\$32,328	\$32,501	\$30,481
Total Program Direction	\$32,328	\$32,501	\$30,481
Total Colorado River Basins Power Marketing Fund	\$70,321	\$71,745	\$65,213
Fossil Energy Research and Development CCS and Power Systems			
Carbon Capture	\$7,624	\$7,609	\$175
Carbon Storage	\$618	\$616	\$0
Cross Cutting Reasearch	\$45	\$45	\$0
Total CCS and Power Systems	\$8,287	\$8,270	\$175
Total Fossil Energy Research and Development	\$8,287	\$8,270	\$175
Defense Environmental Cleanup			
Closure Sites			
Rocky Flats	\$3,589	\$3,582	\$3,889
Total Closure Sites	\$3,589	\$3,582	\$3,889
Total Defense Environmental Cleanup	\$3,589	\$3,582	\$3,889
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$700	\$700	\$700
Total Energy Information Administration	\$700	\$700	\$700
Total Energy Information Administration	\$700	\$700	\$700
al Colorado	\$1,249,973	\$1,156,324	\$591,473

	Department Of Energy		5/18/2	017
FY 2	018 Congressional Budget		3:59:5	6PM
	State Table		Page 2	16 of 124
	(Dollars In Thousands)			
nnecticut		FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy		Endotod		110400
Energy Efficiency and Renewable Energy				
Weatherization Assistance		\$2,450	\$2,438	\$
State Energy Program		\$563	\$563	\$
Total Energy Efficiency and Renewable Energy	ду	\$3,013	\$3,001	\$
Total Energy Efficiency and Renewable Energy		\$3,013	\$3,001	\$
Science				
Basic Energy Sciences				
Basic Energy Sciences		\$3,660	\$2,280	\$1,38
Total Basic Energy Sciences		\$3,660	\$2,280	\$1,38
Biological and Environmental Research				
Biological and Environmental Research		\$1,118	\$466	\$
Total Biological and Environmental Research		\$1,118	\$466	\$
High Energy Physics				
High Energy Physics		\$3,705	\$2,820	\$2,45
Total High Energy Physics		\$3,705	\$2,820	\$2,45
Nuclear Physics				
Nuclear Physics		\$2,900	\$1,532	\$
Total Nuclear Physics		\$2,900	\$1,532	\$
Total Science		\$11,383	\$7,098	\$3,83
Fossil Energy Research and Development				
CCS and Power Systems				
Carbon Capture		\$1,000	\$998	\$
Cross Cutting Reasearch		\$296	\$295	\$
Total CCS and Power Systems		\$1,296	\$1,293	\$
Total Fossil Energy Research and Development		\$1,296	\$1,293	\$
Northeast Home Heating Oil Reserve Account				
Northeast Home Heating Oil Reserve				
Northeast Home Heating Oil Reserve		\$1,862	\$1,859	\$2,48
Total Northeast Home Heating Oil Reserve		\$1,862	\$1,859	\$2,48
Total Northeast Home Heating Oil Reserve Account	unt	\$1,862	\$1,859	\$2,48
al Connecticut		\$17,554	\$13,251	\$6,31

Department Of Energy		5/18/2	017
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(Dollars In Thousands)			
aware	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$572	\$569	\$C
State Energy Program	\$270	\$270	\$C
Total Energy Efficiency and Renewable Energy	\$842	\$839	\$0
Total Energy Efficiency and Renewable Energy	\$842	\$839	\$0
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$5,090	\$4,750	\$3,785
Total Basic Energy Sciences	\$5,090	\$4,750	\$3,785
High Energy Physics			
High Energy Physics	\$0	\$630	\$C
Total High Energy Physics	\$0	\$630	\$0
Total Science	\$5,090	\$5,380	\$3,785
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$489	\$488	\$C
Total CCS and Power Systems	\$489	\$488	\$C
Total Fossil Energy Research and Development	\$489	\$488	\$C

\$6,421

\$6,707

\$3,785

Total Delaware

	Department Of Energy	5/18/2		
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	(Dollars In Thousands)			
trict Of Columbia	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reque	
Innovative Tech Loan Guarantee Prog Administrative Operations				
Administrative Operations	\$17,000	\$16,968	9	
Total Administrative Operations	\$17,000	\$16,968	9	
Total Innovative Tech Loan Guarantee Pro	<i>bg</i> \$17,000	\$16,968	ç	
Non-Defense Environmental Cleanup Mercury Storage Facility	0 / 000	0 4 000		
Mercury Storage Facility	\$1,300	\$1,298		
Total Mercury Storage Facility	\$1,300	\$1,298		
Total Non-Defense Environmental Cleanu	<i>p</i> \$1,300	\$1,298	\$	
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliabi Program Direction	lity \$20,503	\$20.464	¢ 20 9	
Flogram Direction	φ20,505	\$20,464	\$20,8	
Total Electricity Delivery and Energy R	Peliability	#00.404	#00.0	
Total Electricity Delivery and Energy R Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program	,,	\$20,464 \$20,464		
Total Electricity Delivery and Energy Relia	,,	\$20,464	\$20,8	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program	ability \$20,503		\$20,8	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research	ability \$20,503 \$20	\$20,464 \$4,990	\$20,8	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D	ability \$20,503 \$20 \$20	\$20,464 \$4,990 \$4,990	\$20,80 5 5 \$4,31	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D	tillity \$20,503 \$20 \$20 \$20 \$20 \$8,053 \$8,053	\$20,464 \$4,990 \$4,990 \$8,213	\$20,80 \$4,33 \$4,35	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management	ability \$20,503 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20	\$20,464 \$4,990 \$4,990 \$8,213 \$8,213	\$20,80 \$4,33 \$4,33 \$4,33 \$4,33	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management	ability \$20,503 \$20 \$20 \$20 \$20 \$8,053 \$8,053 \$8,053	\$20,464 \$4,990 \$4,990 \$8,213 \$8,213 \$8,213	\$20,80 \$4,33 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,34 \$4,345\$\$4,455\$\$4,4	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management Total Radiological Facilities Management Idaho Facilities Management	tillity \$20,503 \$20 \$20 \$20 \$20 \$8,053 \$8,053 \$1 \$97 ent \$97	\$20,464 \$4,990 \$4,990 \$8,213 \$8,213 \$8,213 \$23 \$23	\$20,80 \$4,33 \$4,34 \$4,35 \$50	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management Total Radiological Facilities Management Idaho Facilities Management Idaho Facilities Management	till \$20,503 \$20 \$20 \$20 \$20 \$8,053 \$8,053 \$1,300 \$1,300 \$1,300 \$1,300	\$20,464 \$4,990 \$4,990 \$8,213 \$8,213 \$8,213 \$23 \$23 \$23 \$1,300	\$20,80 \$4,33 \$4,33 \$4,39 \$50 \$50 \$50	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management Idaho Facilities Management	1 \$20,503 \$20 \$20 \$20 \$20 \$8,053 \$8,053 at \$97 ent \$97 \$1,300 \$1,300 ity \$438	\$20,464 \$4,990 \$4,990 \$8,213 \$8,213 \$23 \$23 \$23 \$1,300 \$1,300	\$20,80 \$4,30 \$4,30 \$4,30 \$4,30 \$50 \$50 \$50 \$50	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Sitewide Safeguards and Securi Idaho Sitewide Safeguards and Securi	it \$20,503 \$20 \$20 \$20 \$20 \$8,053 \$8,053 it \$97 ent \$97 \$1,300 \$1,300 ity \$438	\$20,464 \$4,990 \$4,990 \$8,213 \$8,213 \$23 \$23 \$23 \$1,300 \$1,300 \$1,300	\$20,8 \$4,3 \$4,3 \$4,3 \$4,3 \$5 \$5 \$5	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Sitewide Safeguards and Securi	t \$20,503 \$20 \$20 \$20 \$20 \$8,053 \$8,053 at \$97 ent \$97 \$1,300 \$1,300 \$20 \$438 Security \$438	\$20,464 \$4,990 \$4,990 \$8,213 \$8,213 \$8,213 \$23 \$23 \$23 \$1,300 \$1,300 \$1,300 \$422 \$422	\$20,80 \$4,33 \$4,33 \$4,33 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	
Total Electricity Delivery and Energy Relia Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Sitewide Safeguards and Securi Program Direction-NE Program Direction-NE	till \$20,503 \$20 \$20 \$20 \$20 \$8,053 \$8,053 at \$97 ent \$97 \$1,300 \$1,300 \$1,300 \$1,300 Security \$438 \$20 \$438 \$44,116 \$44,116 \$44,116 \$44,116	\$20,464 \$4,990 \$4,990 \$8,213 \$8,213 \$23 \$23 \$23 \$1,300 \$1,300 \$422 \$422 \$422 \$44,151	\$20,80 \$20,80 \$20,80 \$4,35 \$4,35 \$4,35 \$50 \$50 \$50 \$50 \$50 \$51 \$51 \$51 \$51 \$524,00	

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State Table (Dollars In Thousands)

trict Of Columbia	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Reactors Concepts RD&D	\$9,973	\$16,434	\$6,885
Total Reactors Concepts RD&D	\$9,973	\$16,434	\$6,885
International Nuclear Energy Cooperation International Nuclear Energy Cooperation	\$335	\$510	\$412
Total International Nuclear Energy Cooperation	\$335	\$510	\$412
SMR Licensing Technical Support SMR Licensing Technical Support	\$500	\$658	\$0
Total SMR Licensing Technical Support	\$500	\$658	\$0
Supercritical Transformational Electric Power Generation Supercritical Transformational Electric Power Generation	\$185	\$230	\$0
Total Supercritical Transformational Electric Power Generation	\$185	\$230	\$0
 Total Nuclear Energy	\$69,487	\$90,195	\$67,793
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Wind Energy	\$16,612	\$16,000	\$4,053
Program Direction	\$112,772	\$119,871	\$105,754
Geothermal Technologies	\$3,950	\$3,948	\$1,847
Hydrogen & Fuel Cell Technologies	\$2,800	\$13,081	\$15,493
Solar Energy	\$6,010	\$6,355	\$10,000
Building Technologies	\$60,642	\$75,187	\$15,970
Federal Energy Management Program	\$7,487	\$17,162	\$2,920
Weatherization Assistance	\$2,284	\$2,932	\$0
State Energy Program	\$2,440	\$2,440	\$0
Advanced Manufacturing	\$10,092	\$10,802	\$2,993
Strategic Programs	\$6,344	\$6,839	\$0
Bioenergy Technologies	\$59,991	\$58,598	\$3,800
Total Energy Efficiency and Renewable Energy	\$291,424	\$333,215	\$162,830
Total Energy Efficiency and Renewable Energy	\$291,424	\$333,215	\$162,830
Advanced Researched Projects Agency-Energy Advanced Researched Projects Agency-Energy			
Projects	\$261,750	\$261,252	\$0
Program Direction	\$29,250	\$29,194	\$65,000
Total Advanced Researched Projects Agency-Energy	\$291,000	\$290,446	\$65,000
	\$291,000	\$290,446	\$65,000
Advance Technology Vehicles Man Loan Program		. ,	
Energy Transformation Acceleration Fund			
Administrative Expenses	\$6,000	\$5,989	\$0
Total Energy Transformation Acceleration Fund	\$6,000	\$5,989	\$0
Total Advance Technology Vehicles Man Loan Program	\$6,000	\$5,989	\$0

	Department Of Energy	/	5/18/2	2017
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	State Table (Dollars In Thousands)		Page	20 of 124
trict Of Columbia		FY 2016	FY 2017	FY 201
		Enacted	Annualized CR	Reques
Uranium Enrichment Decon. & Decom. Fu U/TH Reimbursements	nd			
U/TH Reimbursements		\$32,959	\$32,959	\$30,00
Total U/TH Reimbursements		\$32,959	\$32,959	\$30,00
Total Uranium Enrichment Decon. & Deco	m. Fund	\$32,959	\$32,959	\$30,00
Nuclear Waste Disposal				
Yucca Mountain and Interim Storage	_	* 0	* 0	#05.00
Yucca Mountain and Interim Storag		\$0	\$0	\$35,26
Total Yucca Mountain and Interim Stor	age	\$0	\$0	\$35,26
Total Nuclear Waste Disposal		\$0	\$0	\$35,26
Science				
Advanced Scientific Computing Resear Advanced Scientific Computing Re		\$24,998	\$82,043	\$124,35
Total Advanced Scientific Computing R	Research	\$24,998	\$82,043	\$124,35
Basic Energy Sciences Basic Energy Sciences		\$65,471	\$153,625	\$68,42
Total Basic Energy Sciences		\$65,471	\$153,625	\$68,42
Biological and Environmental Research				
Biological and Environmental Rese Total Biological and Environmental Res		\$25,005	\$71,410	\$76,08
U	search	\$25,005	\$71,410	\$76,08
Fusion Energy Sciences Fusion Energy Sciences		\$12,807	\$86,516	\$47,04
Total Fusion Energy Sciences		\$12,807	\$86,516	\$47,04
High Energy Physics		÷)	, ,	Υ <i>γ</i> -
High Energy Physics		\$23,923	\$65,111	\$67,48
Total High Energy Physics		\$23,923	\$65,111	\$67,48
Nuclear Physics Nuclear Physics		\$42,389	\$63,270	\$48,70
Total Nuclear Physics		\$42,389	\$63,270	\$48,70
Workforce Development for Teachers a				
Workforce Development for Teache		\$0	\$8,313	\$14,00
Total Workforce Development for Teac	hers and Scientists	\$0	\$8,313	\$14,00
Science Laboratories Infrastructure Science Laboratories Infrastructure		\$564	\$0	\$
Total Science Laboratories Infrastructu	re	\$564	\$0	\$
Safeguards and Security		·		
Safeguards and Security		\$7,404	\$8,242	\$8,25
Total Safeguards and Security		\$7,404	\$8,242	\$8,25

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State Table (Dollars In Thousands)

rict Of Columbia	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Program Direction			· ·
Program Direction	\$89,383	\$93,410	\$84,855
Total Program Direction	\$89,383	\$93,410	\$84,855
Total Science	\$291,944	\$631,940	\$539,219
Veapons Activities			
Directed Stockpile Work		*• • *• •	* 4 * * * *
Directed Stockpile Work	\$87,593	\$84,520	\$132,210
Total Directed Stockpile Work	\$87,593	\$84,520	\$132,210
Science	* 44.047	* 40,000	* 50.050
Science Campaign	\$14,917	\$46,828	\$50,358
Total Science	\$14,917	\$46,828	\$50,358
Engineering			
Engineering Campaign	\$98	\$2,125	\$5,794
Total Engineering	\$98	\$2,125	\$5,794
Inertial Confinement Fusion Ignition High Yield		* 17 0 0 0	• • - • • •
Inertial Confinement Fusion Ignition High Yield Campaign	\$15,316	\$17,083	\$17,400
Total Inertial Confinement Fusion Ignition High Yield	\$15,316	\$17,083	\$17,400
Advanced Simulation & Computing Advanced Simulation & Computing Campaign	\$6,028	\$102,598	\$226,895
Total Advanced Simulation & Computing	\$6,028	\$102,598	\$226,895
Defense Nuclear Security		. ,	. ,
Defense Nuclear Security	\$64,048	\$35,075	\$45,016
Total Defense Nuclear Security	\$64,048	\$35,075	\$45,016
Readiness Campaign			
Readiness Campaign	\$0	\$0	\$0
Total Readiness Campaign	\$0	\$0	\$0
Legacy Contractor Pensions			
Legacy Contractor Pensions	\$283,887	\$248,492	\$232,050
Total Legacy Contractor Pensions	\$283,887	\$248,492	\$232,050
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$85,151	\$93,665	\$110,305
Total Information technology and Cybersecurity	\$85,151	\$93,665	\$110,305
Infrastructure and Operations			
Infrastructure and Operations	\$100,005	\$113,029	\$146,248
Total Infrastructure and Operations	\$100,005	\$113,029	\$146,248
Secure Transportation Asset			
Secure Transportation Asset	\$0	\$98,598	\$105,580
Total Secure Transportation Asset	\$0	\$98,598	\$105,580

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rict Of Columbia	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Nuclear Counterterrorism Incident Response Nuclear Counterterrorism Incident Response	\$0	\$0	\$0
Total Nuclear Counterterrorism Incident Response	\$0	\$0	\$C
Advanced Manufacturing Development Advanced Manufacturing Development	\$1,174	\$1,979	\$1,599
Total Advanced Manufacturing Development	\$1,174	\$1,979	\$1,599
Fotal Weapons Activities	\$658,217	\$843,992	\$1,073,455
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$102,244	\$101,900	\$114,174
Enterprise Assessments Enterprise Assessments	\$23,793	\$23,747	\$23,793
Program Direction	\$49,466	\$49,372	\$50,863
Total Enterprise Assessments	\$175,503	\$175,019	\$188,830
Specialized Security Activities Specialized Security Activities	\$230,377	\$229,939	\$237,912
Total Specialized Security Activities			
	\$230,377	\$229,939	\$237,912
Hearings and Appeals Program Direction	\$5,500	\$5,490	\$5,605
Total Hearings and Appeals	\$5,500	\$5,490	\$5,605
Office of Legacy Management Legacy Management	\$14,403	\$28,392	\$18,975
Total Office of Legacy Management	\$14,403	\$28,392	\$18,975
Total Other Defense Activities	\$425,783	\$438,840	\$451,322
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Total Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$39,598	\$27,187	\$29,300
Total Defense Nuclear Nonproliferation R&D	\$39,598	\$27,187	\$29,300
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response	647 E00	¢00 705	¢00.040
Nuclear Counterterrorism Incident Response	\$17,508	\$22,795	\$33,246
Total Nuclear Counterterrorism and Incident Response	\$17,508	\$22,795	\$33,246
Leven / Contractor Densions			

Legacy Contractor Pensions

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State Table (Dollars In Thousands)

trict Of Columbia	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Legacy Contractor Pensions	\$94,617	\$93,399	\$40,950
Total Legacy Contractor Pensions	\$94,617	\$93,399	\$40,950
Global Material Security Global Material Security	\$10,664	\$9,876	\$13,27 <i>°</i>
Total Global Material Security	\$10,664	\$9,876	\$13,271
Material Management and Minimization Material Management and Minimization	\$4,312	\$73,582	\$13,252
Total Material Management and Minimization	\$4,312	\$73,582	\$13,252
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$14,422	\$14,468	\$14,601
Total Nonproliferation and Arms Control	\$14,422	\$14,468	\$14,601
Total Defense Nuclear Nonproliferation	\$181,121	\$241,307	\$144,620
Naval Reactors Naval Reactors Program Naval Reactors Program	\$102,222	\$83,709	\$109,956
Total Naval Reactors Program	\$102,222	\$83,709	\$109,956
Program Direction Program Direction	\$42,504	\$42,423	\$48,200
Total Program Direction	\$42,504	\$42,423	\$48,200
Total Naval Reactors	\$144,726	\$126,132	\$158,156
Federal Salaries and Expenses Federal Salaries and Expenses Federal Salaries and Expenses	\$278,526	\$275,141	\$303,603
Total Federal Salaries and Expenses	\$278,526	\$275,141	\$303,603
	\$278,526	\$275,141	\$303,603
Office of the Administrator Office of the Administrator Office of the Administrator	\$0	\$0	\$0
Total Office of the Administrator	\$0	\$0	\$0
Total Office of the Administrator	\$0	\$0	\$0
Departmental Administration Energy Policy and Sysems Analysis Energy Policy and Sysems Analysis	\$31,297	\$31,238	\$10,432
Departmental Administration Program Direction	\$0	\$0	\$15,192
Small and Disadvantaged Business Utilization Program Direction	\$3,000	\$2,994	\$3,000

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Of Columbia	FY 2016	FY 2017	FY 201
	Enacted	Annualized CR	Reques
Total Small and Disadvantaged Business Utilization	\$34,297	\$34,232	\$28,624
International Affairs Program Direction	\$18,000	\$17,966	\$18,878
Office of Indian Energy Policy & Programs Office of Indian Energy Policy & Programs	\$4,142	\$3,339	\$3,267
Total Office of Indian Energy Policy & Programs	\$22,142	\$21,305	\$22,145
Strategic Partnership Projects Strategic Partnership Projects	\$1,108	\$1,032	\$0
Total Strategic Partnership Projects	\$1,108	\$1,032	\$C
Chief Financial Officer Program Direction Program Direction	\$15,769	\$16,175	\$16,780
Program Direction	\$24,500	\$24,453	\$25,500
Total Program Direction	\$40,269	\$40,628	\$42,280
Congressional, and Intergovernmental Affairs Program Direction	\$6,300	\$6,288	\$6,200
Total Congressional, and Intergovernmental Affairs	\$6,300	\$6,288	\$6,200
Public Affairs Program Direction	\$3,431	\$3,424	\$6,589
Total Public Affairs	\$3,431	\$3,424	\$6,589
General Counsel Program Direction	\$33,000	\$32,937	\$33,000
Total General Counsel	\$33,000	\$32,937	\$33,000
Office of the Secretary Program Direction	\$5,008	\$4,998	\$5,300
Total Office of the Secretary	\$5,008	\$4,998	\$5,300
Management Program Direction	\$36,140	\$0	\$31,861
Total Management	\$36,140	\$0	\$31,861
Economic Impact & Diversity Program Direction	\$10,000	\$9,981	\$10,000
Total Economic Impact & Diversity	\$10,000	\$9,981	\$10,000
Chief Information Officer Program Direction Cybersecurity and Secure Management	\$9,411 \$5,304	\$9,394 \$4,193	\$10,216 \$6,829
Corporate IT Program Support	\$3,676	\$5,046	\$5,124
Total Chief Information Officer	\$18,391	\$18,633	\$22,169
al Departmental Administration	\$210,086	\$173,458	\$208,168

Office of the Inspector General

FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

trict Of Columbia	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Office of the Inspector General	• • • • • •		
Office of the Inspector General	\$46,424	\$46,336	\$49,000
Total Office of the Inspector General	\$46,424	\$46,336	\$49,000
Total Office of the Inspector General	\$46,424	\$46,336	\$49,000
Western Area Power Admin. Const.,Rehab.,O&M			
Program Direction			
Program Direction	\$762	\$729	\$761
Total Program Direction	\$762	\$729	\$761
Total Western Area Power Admin. Const.,Rehab.,O&M	\$762	\$729	\$761
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$0	\$0	\$0
Total Equipment, Contracts and Other Related Expenses	\$0	\$0	\$0
Total Colorado River Basins Power Marketing Fund	\$0	\$0	\$0
Federal Energy Regulatory Commission			
Just and Reasonable Rates, Terms and Conditions			
Just and Reasonable Rates, Terms and Conditions	\$148,921	\$148,638	\$168,111
Total Just and Reasonable Rates, Terms and Conditions	\$148,921	\$148,638	\$168,111
Safe, Reliable, Secure, & Efficient Infrastructure			
Safe, Reliable, Secure, & Efficient Infrastructure	\$112,507	\$112,293	\$131,836
Total Safe, Reliable, Secure, & Efficient Infrastructure	\$112,507	\$112,293	\$131,836
Mission Support through Organizational Excellence			
Mission Support through Organizational Excellence	\$58,372	\$58,261	\$67,653
Total Mission Support through Organizational Excellence	\$58,372	\$58,261	\$67,653
Total Federal Energy Regulatory Commission	\$319,800	\$319,192	\$367,600
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$5,740	\$5,729	\$1,239
Carbon Storage	\$1,122	\$1,120	\$0
Advanced Energy Systems	\$1,600	\$1,597	\$32,450
Cross Cutting Reasearch	\$5,750	\$5,739	\$4,434
Total CCS and Power Systems	\$14,212	\$14,185	\$38,123
Natural Gas Technologies			
Natural Gas Technologies	\$2,975	\$2,969	\$0
Total Natural Gas Technologies	\$2,975	\$2,969	\$0
Total Natural Gas Technologies Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$2,975 \$75	\$2,969 \$75	\$0 \$0

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State Table (Dollars In Thousands)

FY 2018 Congressional Budget

Р	age	20	01	12

trict Of Columbia	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Total Fossil Energy Environmental Restoration	\$75	\$75	\$
Unconventional FE Technologies from Petroleum – Oil Unconventional FE Technologies from Petroleum – Oil	\$736	\$735	\$(
Total Unconventional FE Technologies from Petroleum – Oil	\$736	\$735	\$(
Total Fossil Energy Research and Development	\$17,998	\$17,964	\$38,12
Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves			
Management	\$1,070	\$1,068	\$1,00
Total Naval Petroleum and Oil Shale Reserves	\$1,070	\$1,068	\$1,000
Total Naval Petroleum and Oil Shale Reserves	\$1,070	\$1,068	\$1,000
Defense Environmental Cleanup			
Program Direction	\$ 04.405	*•••••••••••••	* ~~ ~~
Headquarters	\$81,185	\$80,649	\$90,03
Total Program Direction	\$81,185	\$80,649	\$90,03
Program Support Program Support	\$14,979	\$14,951	\$35,08
Total Program Support	\$14,979	\$14,951	\$35,08
Technology Development Technology Development	\$20,000	\$19,962	\$(
Total Technology Development	\$20,000	\$19,962	\$
Mission Innovation and Technology Mission Innovation and Technology	\$0	\$0	\$25,00
Total Mission Innovation and Technology	\$0	\$0	\$25,00
Cyber Security Cyber Security	\$0 \$0	\$0	\$8,08
Total Cyber Security	\$0	\$0	\$8,08
Excess Facilities			
Excess Facilities	\$0	\$0	\$225,00
Total Excess Facilities	\$0	\$0	\$225,00
Total Defense Environmental Cleanup	\$116,164	\$115,562	\$383,21
Strategic Petroleum Reserve SPR Econometric Modelling Support			
Management	\$7,246	\$7,232	\$8,44
Total SPR Econometric Modelling Support	\$7,246	\$7,232	\$8,440
Total Strategic Petroleum Reserve	\$7,246	\$7,232	\$8,440
Northeast Lloma Llosting Oil Deserve Assount			

Northeast Home Heating Oil Reserve Account

Northeast Home Heating Oil Reserve

Department Of Energy	5/18/2017
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(Dollars In Thousands)	

strict Of Columbia	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Northeast Home Heating Oil Reserve	\$0	\$0	\$924
Total Northeast Home Heating Oil Reserve	\$0	\$0	\$924
Total Northeast Home Heating Oil Reserve Account	\$0	\$0	\$924
Energy Information Administration Energy Information Administration National Energy Information System	\$67,779	\$68,016	\$64,248
Total Energy Information Administration	\$67,779	\$68,016	\$64,248
Total Energy Information Administration	\$67,779	\$68,016	\$64,248
tal District Of Columbia	\$3,497,319	\$4,098,443	\$4,173,538

Department Of Energy FY 2018 Congressional Budget State Table		5/18/2017 3:59:56PM	
		(Dollars In The	ousands)
rida	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy		• / •==	
Weatherization Assistance	\$1,886 \$1,272	\$1,877	\$
State Energy Program	\$1,373	\$1,373	\$
Total Energy Efficiency and Renewable Energy	\$3,259	\$3,250	\$
Total Energy Efficiency and Renewable Energy	\$3,259	\$3,250	\$
Science			
Advanced Scientific Computing Research	* 0.045	¢000	~
Advanced Scientific Computing Research	\$2,015	\$200	\$
Total Advanced Scientific Computing Research	\$2,015	\$200	\$
Basic Energy Sciences Basic Energy Sciences	\$5,995	\$4,841	\$4,91
Total Basic Energy Sciences	\$5,995	\$4,841	\$4,91
Biological and Environmental Research	\$0,000	\$ 1, 5 11	φ1,01
Biological and Environmental Research	\$952	\$10	\$1
Total Biological and Environmental Research	\$952	\$10	\$1
Fusion Energy Sciences			
Fusion Energy Sciences	\$509	\$141	\$
Total Fusion Energy Sciences	\$509	\$141	\$
High Energy Physics			
High Energy Physics	\$6,135	\$3,155	\$1,75
Total High Energy Physics	\$6,135	\$3,155	\$1,75
Nuclear Physics Nuclear Physics	\$2,099	\$812	\$
Total Nuclear Physics	\$2,099	\$812	\$
Total Science	\$17,705	\$9,159	\$6,67
Other Defense Activities	<i>ФП</i> ,700	ψ0,100	φ0,07
Office of Legacy Management			
Legacy Management	\$7,643	\$6,130	\$4,57
Total Office of Legacy Management	\$7,643	\$6,130	\$4,57
Total Other Defense Activities	\$7,643	\$6,130	\$4,57
Southeastern Power Admin Operation & Maint.	÷ ;- ;•	· - , - - -	÷ ., 5 .
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$3,830	\$3,823	\$2,83
Total Purchase Power and Wheeling	\$3,830	\$3,823	\$2,83
Total Southeastern Power Admin Operation & Maint.	\$3,830	\$3,823	\$2,83
· · · · · · · · · · · · · · · · · · ·			

Total Florida

\$32,437

\$14,076

\$22,362

	Department Of Energy		5/18/2017	
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	State Table		Page	29 of 124
((Dollars In Thousands)			
eorgia	F	Y 2016	FY 2017	FY 2018
sorgia	E	Enacted	Annualized CR	Request
Energy Efficiency and Renewable Energy				
Energy Efficiency and Renewable Energy				
Solar Energy		\$2,129	\$406	\$0
Weatherization Assistance		\$2,830	\$2,816	\$0
State Energy Program		\$885	\$885	\$0
Total Energy Efficiency and Renewable Energy	,	\$5,844	\$4,107	\$0

Total Energy Efficiency and Renewable Energy	\$5,844	\$4,107	\$0
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$1,050
Total Yucca Mountain and Interim Storage	\$0	\$0	\$1,050
Total Nuclear Waste Disposal	\$0	\$0	\$1,050
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$1,175	\$0	\$0
Total Advanced Scientific Computing Research	\$1,175	\$0	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$10,219	\$6,640	\$7,792
Total Basic Energy Sciences	\$10,219	\$6,640	\$7,792
Biological and Environmental Research			
Biological and Environmental Research	\$343	\$0	\$0
Total Biological and Environmental Research	\$343	\$0	\$0
Fusion Energy Sciences			
Fusion Energy Sciences	\$1,350	\$1,350	\$0
Total Fusion Energy Sciences	\$1,350	\$1,350	\$0
Nuclear Physics			
Nuclear Physics	\$735	\$0	\$0
Total Nuclear Physics	\$735	\$0	\$0
Total Science	\$13,822	\$7,990	\$7,792
Southeastern Power Admin Operation & Maint.			
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$59,822	\$59,708	\$54,013
Total Purchase Power and Wheeling	\$59,822	\$59,708	\$54,013
Program Direction			
Program Direction	\$6,900	\$6,887	\$6,379
Total Program Direction	\$6,900	\$6,887	\$6,379
Total Southeastern Power Admin Operation & Maint.	\$66,722	\$66,595	\$60,392

Georgia

	Department Of Energy		5/18/2017	
FY 2018 Congressional Budget State Table (Dollars In Thousands)		3:59:56PM Page 30 of 124		
				Georgia
Fossil Energy Research and Development CCS and Power Systems				
Carbon Storage	\$8,529	\$8,513	\$0	
Total CCS and Power Systems	\$8,529	\$8,513	\$0	
Total Fossil Energy Research and Developme	ent \$8,529	\$8,513	\$0	
Total Georgia	\$94,917	\$87,205	\$69,234	

Department Of Energy FY 2018 Congressional Budget State Table		5/18/2017 3:59:56PM Page 31 of 124					
				(Dollars In Thousands)			
				Guam	FY 2016	FY 2017	FY 2018
Guain	Enacted	Annualized CR	Request				
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy							
Weatherization Assistance	\$181	\$180	\$0				
State Energy Program	\$204	\$204	\$0				
Total Energy Efficiency and Renewable Energy	\$385	\$384	\$0				
Total Energy Efficiency and Renewable Energy	\$385	\$384	\$0				
Total Guam	\$385	\$384	\$0				

Department Of Energy		5/18/2017	
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State Table		Page	32 of 124
(Dollars In Thousands)			
	FY 2016	FY 2017	FY 2018
awali	Enacted	Annualized CR	Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$206	\$205	\$0
State Energy Program	\$283	\$283	\$0
Total Energy Efficiency and Renewable Energy	\$489	\$488	\$0
Total Energy Efficiency and Renewable Energy	\$489	\$488	\$0
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$678	\$678	\$528

Hawaii

	\$0 . 0	40 . 0	+ •=•
Total Basic Energy Sciences	\$678	\$678	\$528
High Energy Physics High Energy Physics	\$1,420	\$1,505	\$870
Total High Energy Physics	\$1,420	\$1,505	\$870
Total Science	\$2,098	\$2,183	\$1,398
Energy Information Administration Energy Information Administration	\$100	\$100	¢100
National Energy Information System Total Energy Information Administration	\$100 \$100	\$100 \$100	\$100 \$100
Total Energy Information Administration	\$100	\$100	\$100
al Hawaii	\$2,687	\$2,771	\$1,498

	Department Of Energy	5/18/2	017
FY 201	8 Congressional Budget	3:59:	56PM
	State Table	Page	33 of 124
	Dollars In Thousands)		
aho	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Non-Defense Environmental Cleanup			
Small Sites	¢E 040	¢с 007	¢0,000
Small Sites Total Small Sites	\$5,919	\$5,907	\$9,000
	\$5,919	\$5,907	\$9,000
Total Non-Defense Environmental Cleanup	\$5,919	\$5,907	\$9,000
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$396	\$395	\$0
Resilient Distribution Systems	\$13	\$13	\$0
Cybersecurity for Energy Delivery Systems	\$5,263	\$5,253	\$0
Energy Storage	\$23	\$23	\$0
Transformer Resilience and Advanced Corr	-	\$513	\$150
Transmission Permitting and Technical Ass		\$75	\$46
Infrastructure Security & Energy Restoration	n \$500	\$499	\$500
Total Electricity Delivery and Energy Reliability	\$6,784	\$6,771	\$696
Total Electricity Delivery and Energy Reliability	\$6,784	\$6,771	\$696
Total Electricity Delivery and Energy Reliability Nuclear Energy University Research Program University Research	\$6,784 \$4,980	\$6,771 \$0	·
Nuclear Energy University Research Program			\$0
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D	\$4,980 \$4,980	\$0 \$0	\$C \$C
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D Fuel Cycle R & D	\$4,980	\$0	\$(\$(
Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D	\$4,980 \$4,980	\$0 \$0	\$0 \$0 \$53,370
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management	\$4,980 \$4,980 \$113,145 \$113,145	\$0 \$0 \$112,900 \$112,900	\$0 \$0 \$53,370 \$53,370
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management Radiological Facilities Management	\$4,980 \$4,980 \$113,145 \$113,145 \$113,145 \$6,623	\$0 \$0 \$112,900 \$112,900 \$6,764	\$0 \$0 \$53,370 \$53,370 \$8,975
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management Radiological Facilities Management <i>Total Radiological Facilities Management</i>	\$4,980 \$4,980 \$113,145 \$113,145	\$0 \$0 \$112,900 \$112,900	\$0 \$0 \$53,370 \$53,370 \$8,975
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management Radiological Facilities Management <i>Total Radiological Facilities Management</i> Idaho Facilities Management	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623	\$0 \$0 \$112,900 \$112,900 \$6,764 \$6,764	\$0 \$53,370 \$53,370 \$8,975 \$8,975
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management Radiological Facilities Management <i>Total Radiological Facilities Management</i> Idaho Facilities Management Idaho Facilities Management	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623 \$221,002	\$0 \$0 \$112,900 \$112,900 \$112,900 \$6,764 \$6,764 \$220,609	\$0 \$53,370 \$53,370 \$8,975 \$8,975 \$8,975 \$203,640
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management Radiological Facilities Management <i>Total Radiological Facilities Management</i> Idaho Facilities Management Idaho Facilities Management <i>Total Idaho Facilities Management</i>	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623	\$0 \$0 \$112,900 \$112,900 \$6,764 \$6,764	\$0 \$53,370 \$53,370 \$8,975 \$8,975 \$8,975 \$203,640
Nuclear Energy University Research Program University Research Total University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management Idaho Facilities Management Idaho Facilities Management	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623 \$221,002	\$0 \$0 \$112,900 \$112,900 \$112,900 \$6,764 \$6,764 \$220,609	\$0 \$53,370 \$53,370 \$8,975 \$8,975 \$8,975 \$203,640 \$203,640
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management Radiological Facilities Management <i>Total Radiological Facilities Management</i> Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623 \$6,623 \$221,002	\$0 \$0 \$112,900 \$112,900 \$6,764 \$6,764 \$220,609 \$220,609	\$0 \$53,370 \$53,370 \$53,370 \$8,975 \$8,975 \$203,640 \$203,640 \$133,000
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management Radiological Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Sitewide Safeguards and Security Idaho Sitewide Safeguards and Security	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623 \$221,002 \$221,002 \$221,002 \$125,723	\$0 \$0 \$112,900 \$112,900 \$6,764 \$6,764 \$220,609 \$220,609 \$125,499	\$0 \$53,370 \$53,370 \$8,975 \$8,975 \$203,640 \$203,640 \$133,000
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management Radiological Facilities Management <i>Total Radiological Facilities Management</i> Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Sitewide Safeguards and Security Idaho Sitewide Safeguards and Security	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623 \$221,002 \$221,002 \$221,002 \$125,723	\$0 \$0 \$112,900 \$112,900 \$6,764 \$6,764 \$220,609 \$220,609 \$125,499	\$0 \$53,370 \$53,370 \$53,370 \$8,975 \$8,975 \$203,640 \$203,640 \$133,000 \$133,000
Nuclear Energy University Research Program University Research <i>Total University Research Program</i> Fuel Cycle R & D Fuel Cycle R & D <i>Total Fuel Cycle R & D</i> Radiological Facilities Management Radiological Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Sitewide Safeguards and Security Idaho Sitewide Safeguards and Security <i>Total Idaho Sitewide Safeguards and Security</i> Program Direction-NE	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623 \$221,002 \$221,002 \$221,002 \$125,723 \$125,723	\$0 \$0 \$112,900 \$112,900 \$112,900 \$6,764 \$6,764 \$220,609 \$220,609 \$125,499 \$125,499	\$0 \$53,370 \$53,370 \$53,370 \$8,975 \$8,975 \$203,640 \$203,640 \$133,000 \$133,000 \$133,000
Nuclear Energy University Research Program University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Sitewide Safeguards and Security Idaho Sitewide Safeguards and Security Total Idaho Sitewide Safeguards and Security Program Direction-NE Program Direction-NE Nuclear Energy Enabling Technologies	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623 \$221,002 \$221,002 \$221,002 \$125,723 \$125,723 \$125,723	\$0 \$0 \$112,900 \$112,900 \$112,900 \$6,764 \$220,609 \$220,609 \$125,499 \$125,499 \$125,499 \$34,322 \$34,322	\$0 \$53,370 \$53,370 \$8,975 \$8,975 \$203,640 \$203,640 \$133,000 \$133,000 \$133,000 \$33,606
Nuclear Energy University Research Program University Research Program Fuel Cycle R & D Fuel Cycle R & D Total Fuel Cycle R & D Radiological Facilities Management Radiological Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Facilities Management Idaho Sitewide Safeguards and Security Idaho Sitewide Safeguards and Security Total Idaho Sitewide Safeguards and Security Program Direction-NE Program Direction-NE	\$4,980 \$4,980 \$113,145 \$113,145 \$6,623 \$6,623 \$221,002 \$221,002 \$125,723 \$125,723 \$125,723	\$0 \$0 \$112,900 \$112,900 \$6,764 \$6,764 \$220,609 \$220,609 \$125,499 \$125,499 \$125,499 \$34,322	\$696 \$0 \$0 \$53,370 \$53,370 \$53,370 \$8,975 \$8,975 \$203,640 \$203,640 \$133,000 \$133,000 \$133,000 \$133,606 \$33,606 \$33,606

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State Table (Dollars In Thousands)

וס	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Reactors Concepts RD&D	\$89,810	\$86,420	\$57,780
Total Reactors Concepts RD&D	\$89,810	\$86,420	\$57,780
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$1,190	\$1,644	\$1,733
Total International Nuclear Energy Cooperation	\$1,190	\$1,644	\$1,733
SMR Licensing Technical Support SMR Licensing Technical Support	\$61,600	\$61,723	\$0
Total SMR Licensing Technical Support	\$61,600	\$61,723	\$0
Supercritical Transformational Electric Power Generation Supercritical Transformational Electric Power Generation	\$4,815	\$0	\$0
Total Supercritical Transformational Electric Power Generation	\$4,815	\$0	\$0
Total Nuclear Energy	\$723,497	\$711,316	\$557,942
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$297	\$811	\$450
Geothermal Technologies	\$1,900	\$858	\$350
Hydrogen & Fuel Cell Technologies	\$100	\$600	\$195
Water Power	\$0	\$530	\$500
Vehicle Technologies	\$10,966	\$10,054	\$4,232
Federal Energy Management Program	\$258	\$300	\$120
Weatherization Assistance	\$1,863	\$1,853	\$0
State Energy Program	\$317	\$317	\$0
Advanced Manufacturing	\$200	\$3,600	\$500
Bioenergy Technologies	\$14,890	\$16,189	\$6,150
Total Energy Efficiency and Renewable Energy	\$30,791	\$35,112	\$12,497
Total Energy Efficiency and Renewable Energy	\$30,791	\$35,112	\$12,497
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$2,950
Total Yucca Mountain and Interim Storage	\$0	\$0	\$2,950
Total Nuclear Waste Disposal	\$0	\$0	\$2,950
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$1,260	\$1,360	\$900
Total Basic Energy Sciences	\$1,260	\$1,360	\$900
Biological and Environmental Research			
Biological and Environmental Research	\$393	\$395	\$300
Total Biological and Environmental Research	\$393	\$395	\$300

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State Table (Dollars In Thousands)

Idaho

FY 2018 Congressional Budget

aho	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Fusion Energy Sciences	\$2,690	\$2,690	\$2,450
Total Fusion Energy Sciences	\$2,690	\$2,690	\$2,450
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$486	\$240	\$0
Total Workforce Development for Teachers and Scientists	\$486	\$240	\$0
Total Science	\$4,829	\$4,685	\$3,650
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$5,285	\$3,756	\$2,793
Total Directed Stockpile Work			
Infrastructure and Operations Infrastructure and Operations	\$5,285 \$745	\$3,756 \$820	\$2,793 \$0
Total Infrastructure and Operations	\$745	\$820	\$0
Nuclear Counterterrorism Incident Response Nuclear Counterterrorism Incident Response	\$0	\$0	\$0
Total Nuclear Counterterrorism Incident Response	\$0	\$0	\$0
Total Weapons Activities	\$6,030	\$4,576	\$2,793
Other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security	\$550	\$550	\$550
Total Environment, Health, Safety and Security	\$550	\$550	\$550
Total Other Defense Activities	\$550	\$550	\$550
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$0	\$0	\$0
Total Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$5,857	\$6,333	\$6,825
Total Defense Nuclear Nonproliferation R&D	\$5,857	\$6,333	\$6,825
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$3,455	\$3,005	\$3,473
Total Nuclear Counterterrorism and Incident Response	\$3,455	\$3,005	\$3,473
Global Material Security Global Material Security	\$4,695	\$15,630	\$10,214

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State Table (Dollars In Thousands)

FY 2018 Congressional Budget

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ho	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Total Global Material Security	\$4,695	\$15,630	\$10,214
Material Management and Minimization			
Material Management and Minimization	\$106,643	\$44,784	\$48,989
Total Material Management and Minimization	\$106,643	\$44,784	\$48,989
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$2,475	\$2,245	\$2,266
Total Nonproliferation and Arms Control	\$2,475	\$2,245	\$2,266
Total Defense Nuclear Nonproliferation	\$123,125	\$71,997	\$71,767
Naval Reactors			
Naval Reactors Program			
Naval Reactors Program	\$148,115	\$150,307	\$163,438
Total Naval Reactors Program	\$148,115	\$150,307	\$163,438
Total Naval Reactors	\$148,115	\$150,307	\$163,438
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$1,000	\$1,000	\$1,000
Total Strategic Partnership Projects	\$1,000	\$1,000	\$1,000
Total Departmental Administration	\$1,000	\$1,000	\$1,000
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	\$377	\$376	\$0
Cross Cutting Reasearch	\$250	\$250	\$0
Total CCS and Power Systems	\$627	\$626	\$0
Total Fossil Energy Research and Development	\$627	\$626	\$0
Defense Environmental Cleanup			
Idaho National Laboratory			
Idaho Community and Regulatory Support	\$3,000	\$2,994	\$3,200
Idaho Clean-up and Waste Disposition	\$393,000	\$392,253	\$347,026
Total Idaho National Laboratory	\$396,000	\$395,247	\$350,226
Program Direction			
Idaho	\$7,536	\$7,536	\$7,716
Total Program Direction	\$7,536	\$7,536	\$7,716
Total Defense Environmental Cleanup	\$403,536	\$402,783	\$357,942
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$160	\$160	\$160
Total Energy Information Administration	\$160	\$160	\$160

Department Of Energy		5/18/2017	
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	(Dollars In Thousands)		
Idaho	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Total Energy Information Administration	\$160	\$160	\$160
	· · · · ·	•	,
Total Idaho	\$1,454,963	\$1,395,790	\$1,184,385

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FY 2018 Congressional Budget

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ois	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$2,989	\$2,983	\$1,05
Resilient Distribution Systems	\$3,341	\$3,335	\$1,75
Cybersecurity for Energy Delivery Systems	\$808	\$806	\$
Energy Storage	\$203	\$203	\$
Transformer Resilience and Advanced Components	\$35	\$35	\$5
Transmission Permitting and Technical Assistance	\$305	\$304	\$27
Total Electricity Delivery and Energy Reliability	\$7,681	\$7,666	\$3,13
Total Electricity Delivery and Energy Reliability	\$7,681	\$7,666	\$3,13
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$12,944	\$12,900	\$5,36
Total Fuel Cycle R & D	\$12,944	\$12,900	\$5,360
Nuclear Energy Enabling Technologies	* •••• -	* = • ==	A- (A)
Nuclear Energy Enabling Technologies	\$8,937	\$5,855	\$5,43
Total Nuclear Energy Enabling Technologies	\$8,937	\$5,855	\$5,43
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$17,560	\$17,370	\$11,800
Total Reactors Concepts RD&D	\$17,560	\$17,370	\$11,80
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$725	\$425	\$70
Total International Nuclear Energy Cooperation	\$725	\$425	\$70
Total Nuclear Energy	\$40,166	\$36,550	\$22,66
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$700	\$1,464	\$83
Hydrogen & Fuel Cell Technologies	\$11,500	\$7,123	\$2,40
Water Power	\$0	\$381	\$30
Solar Energy	\$589	\$1,613	\$1,00
Vehicle Technologies	\$43,805	\$41,404	\$21,70
Building Technologies	\$260	\$783	\$
Weatherization Assistance	\$12,503	\$12,441	\$
State Energy Program	\$1,597	\$1,597	\$
Advanced Manufacturing	\$3,730	\$5,045	\$3,00
Bioenergy Technologies	\$5,271	\$6,151	\$2,83
Total Energy Efficiency and Renewable Energy	\$79,955	\$78,002	\$32,082
Total Energy Efficiency and Renewable Energy	\$79,955	\$78,002	\$32,082
Nuclear Waste Disposal			

Nuclear Waste Disposal

Yucca Mountain and Interim Storage

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FY 2018

State Table (Dollars In Thousands)

Illinois

Yucca Mountain and Interim Storage

Total Yucca Mountain and Interim Storage

Total Nuclear Waste Disposal

FY 2018 Congressional Budget

	Enacted	Annualized CR	Request
	\$0	\$0	\$800
	\$0	\$0	\$800
	\$0	\$0	\$800
ch	\$100,027	\$99,703	\$103,831
arch	\$100,027	\$99,703	\$103,831
	\$272,279	\$286,915	\$277,044
	\$272,279	\$286,915	\$277,044

FY 2016

Advanced Scientific Computing Research Advanced Scientific Computing Research	\$100,027	\$99,703	\$103,83 ²
Total Advanced Scientific Computing Research	\$100,027	\$99,703	\$103,83
Basic Energy Sciences Basic Energy Sciences	\$272,279	\$286,915	\$277,04
Total Basic Energy Sciences	\$272,279	\$286,915	\$277,044
Biological and Environmental Research Biological and Environmental Research	\$35,795	\$55,485	\$36,717
Total Biological and Environmental Research	\$35,795	\$55,485	\$36,717
Fusion Energy Sciences Fusion Energy Sciences	\$2,478	\$5,655	\$5,226
Total Fusion Energy Sciences	\$2,478	\$5,655	\$5,226
High Energy Physics High Energy Physics	\$389,662	\$395,001	\$394,029
Total High Energy Physics	\$389,662	\$395,001	\$394,029
Nuclear Physics Nuclear Physics	\$31,986	\$72,974	\$67,718
Total Nuclear Physics	\$31,986	\$72,974	\$67,718
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$1,505	\$1,390	\$C
Total Workforce Development for Teachers and Scientists	\$1,505	\$1,390	\$0
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$38,859	\$28,128	\$32,818
Total Science Laboratories Infrastructure	\$38,859	\$28,128	\$32,818
Safeguards and Security Safeguards and Security	\$14,677	\$14,587	\$14,557
Total Safeguards and Security	\$14,677	\$14,587	\$14,557
Program Direction Program Direction	\$35,044	\$33,094	\$30,450
Total Program Direction	\$35,044	\$33,094	\$30,450
al Science	\$922,312	\$992,932	\$962,390
apons Activities			
Science Science Campaign	\$0	\$300	\$300

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State Table

(Dollars In Thousands)

FY 2018 Congressional Budget

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nois	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Total Science	\$0	\$300	\$300
Advanced Simulation & Computing Advanced Simulation & Computing Campaign	\$790	\$2,000	\$0
Total Advanced Simulation & Computing	\$790	\$2,000	\$0
Infrastructure and Operations Infrastructure and Operations	\$10	\$50	\$0
Total Infrastructure and Operations	\$10	\$50	\$0
Total Weapons Activities	\$800	\$2,350	\$300
Other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security	\$995	\$995	\$995
Total Environment, Health, Safety and Security	\$995	\$995	\$995
Total Other Defense Activities	\$995	\$995	\$995
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D Total Nonproliferation and Verification R&D	\$0	\$0	\$(
Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$0 \$4,072	\$0 \$4,913	\$0 \$5,294
Total Defense Nuclear Nonproliferation R&D	\$4,072	\$4,913	\$5,294
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Global Material Security Global Material Security	\$1,143	\$1,539	\$1,372
Total Global Material Security	\$1,143	\$1,539	\$1,372
Material Management and Minimization Material Management and Minimization	\$32,560	\$26,902	\$25,536
Total Material Management and Minimization	\$32,560	\$26,902	\$25,536
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$8,929	\$9,416	\$9,503
Total Nonproliferation and Arms Control	\$8,929	\$9,416	\$9,503
Total Defense Nuclear Nonproliferation	\$46,704	\$42,770	\$41,705
Departmental Administration Strategic Partnership Projects			
Strategic Partnership Projects	\$200	\$200	\$200
Total Strategic Partnership Projects	\$200	\$200	\$200

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FY 2018 Congressional Budget State Table

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ois	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Total Departmental Administration	\$200	\$200	\$200
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$3,911	\$3,904	\$0
Carbon Storage	\$1,581	\$1,578	\$0
Advanced Energy Systems	\$500	\$499	\$0
Cross Cutting Reasearch	\$284	\$283	\$284
Total CCS and Power Systems	\$6,276	\$6,264	\$284
Natural Gas Technologies			
Natural Gas Technologies	\$240	\$240	\$0
Total Natural Gas Technologies	\$240	\$240	\$0
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	\$6,122	\$6,110	\$0
Total Unconventional FE Technologies from Petroleum – Oil	\$6,122	\$6,110	\$0
Total Fossil Energy Research and Development	\$12,638	\$12,614	\$284
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$265	\$265	\$265
Total Energy Information Administration	\$265	\$265	\$265
Total Energy Information Administration	\$265	\$265	\$265
al Illinois	\$1,111,716	\$1,174,344	\$1,064,813

Department Of Energy FY 2018 Congressional Budget		5/18/2	017		
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			Page	Page 42 of 124	
liana		FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reque	
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy					
Weatherization Assistance State Energy Program		\$6,194 \$934	\$6,163 \$934	9	
Total Energy Efficiency and Renewable Er	nergy	\$7,128	\$7,097	\$	
Total Energy Efficiency and Renewable Energ	У	\$7,128	\$7,097	q	
Science Advanced Scientific Computing Research Advanced Scientific Computing Resea	rch	\$1,416	\$150	9	
Total Advanced Scientific Computing Rese	earch	\$1,416	\$150	ç	
Basic Energy Sciences Basic Energy Sciences		\$17,120	\$15,304	\$14,28	
Total Basic Energy Sciences		\$17,120	\$15,304	\$14,28	
Biological and Environmental Research Biological and Environmental Research	1	\$1,193	\$4	S	
Total Biological and Environmental Resear	rch	\$1,193	\$4	9	
Fusion Energy Sciences Fusion Energy Sciences		\$240	\$0	\$	
Total Fusion Energy Sciences		\$240	\$0	9	
High Energy Physics High Energy Physics		\$2,290	\$2,170	\$1,26	
Total High Energy Physics		\$2,290	\$2,170	\$1,26	
Nuclear Physics Nuclear Physics		\$1,357	\$1,345	9	
Total Nuclear Physics		\$1,357	\$1,345	Ş	
Total Science		\$23,616	\$18,973	\$15,54	
tal Indiana		\$30,744	\$26,070	\$15,54	

Department Of Energy FY 2018 Congressional Budget		5/18/2017		
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(Dollars In Thousands)				
a	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques	
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability Transmission Reliability	\$120	\$120	\$	
Total Electricity Delivery and Energy Reliability	\$120	\$120	\$	
Total Electricity Delivery and Energy Reliability	\$120	\$120	\$	
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy				
Hydrogen & Fuel Cell Technologies	\$400	\$100	\$15	
Vehicle Technologies	\$1,900 \$4,502	\$2,000 \$4,560	\$(¢)	
Weatherization Assistance	\$4,592	\$4,569	\$(¢(
State Energy Program Advanced Manufacturing	\$565 \$25,000	\$565 \$0	\$(\$3,50	
Bioenergy Technologies	\$25,000 \$13	\$0 \$611	\$3,50 \$	
Total Energy Efficiency and Renewable Energy	\$32,470	\$7,845	\$3,65	
Total Energy Efficiency and Renewable Energy	\$32,470	\$7,845	\$3,65	
	φ 3 2,470	φ7,0 4 5	φ3,05	
Science				
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$10,098	\$10,000	\$10,000	
Total Advanced Scientific Computing Research	\$10,098	\$10,000	\$10,000	
Basic Energy Sciences Basic Energy Sciences	\$22,312	\$20,120	\$17,51	
Total Basic Energy Sciences	\$22,312	\$20,120	\$17,51	
Biological and Environmental Research Biological and Environmental Research	\$3,901	\$1,819	\$1,00	
Total Biological and Environmental Research	\$3,901	\$1,819	\$1,00	
Fusion Energy Sciences Fusion Energy Sciences	\$1,580	\$750	\$	
Total Fusion Energy Sciences	\$1,580	\$750	\$	
High Energy Physics High Energy Physics	\$1,515	\$1,355	\$550	
Total High Energy Physics	\$1,515	\$1,355	\$55	
Nuclear Physics Nuclear Physics	\$1,410	\$600	\$	
Total Nuclear Physics	\$1,410	\$600	\$	
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$1,410	\$000	ۍ \$۱	
Total Workforce Development for Teachers and Scientists	\$445	\$410	\$	
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$445 \$0	\$410	۵۰ \$(
Science Laboratories initastructure	\$ 0	\$∠,000	\$	

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State Table

(Dollars In Thousands)

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a	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Total Science Laboratories Infrastructure	\$0	\$2,000	\$0
Safeguards and Security			
Safeguards and Security	\$1,293	\$1,231	\$1,229
Total Safeguards and Security	\$1,293	\$1,231	\$1,229
Program Direction			
Program Direction	\$536	\$633	\$322
Total Program Direction	\$536	\$633	\$322
Total Science	\$43,090	\$38,918	\$30,616
Defense Nuclear Nonproliferation			
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$2,764	\$2,751	\$3,371
Total Nuclear Counterterrorism and Incident Response	\$2,764	\$2,751	\$3,371
Total Defense Nuclear Nonproliferation	\$2,764	\$2,751	\$3,371
Western Area Power Admin. Const.,Rehab.,O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$14,450	\$14,165	\$8,067
Total Systems Operation and Maintenance	\$14,450	\$14,165	\$8,067
Program Direction			
Program Direction	\$2,666	\$2,552	\$2,663
Total Program Direction	\$2,666	\$2,552	\$2,663
Total Western Area Power Admin. Const.,Rehab.,O&M	\$17,116	\$16,717	\$10,730
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$1,616	\$1,590	\$1,068
Total Equipment, Contracts and Other Related Expenses	\$1,616	\$1,590	\$1,068
Total Colorado River Basins Power Marketing Fund	\$1,616	\$1,590	\$1,068
Fossil Energy Research and Development			
CCS and Power Systems			
Advanced Energy Systems	\$500	\$499	\$0
Cross Cutting Reasearch	\$1,255	\$1,253	\$200
Total CCS and Power Systems	\$1,755	\$1,752	\$200
Total Fossil Energy Research and Development	\$1,755	\$1,752	\$200

Department Of Energy FY 2018 Congressional Budget		5/18/2	017
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(Dollars In The	ousands)		
ISAS	FY 2016	FY 2017	FY 2018
585	Enacted	Annualized CR	Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$2,361	\$2,349	\$C
State Energy Program	\$502	\$502	\$0
Total Energy Efficiency and Renewable Energy	\$2,863	\$2,851	\$0
Total Energy Efficiency and Renewable Energy	\$2,863	\$2,851	\$0
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$5,046	\$4,151	\$3,552
Total Basic Energy Sciences	\$5,046	\$4,151	\$3,552
Biological and Environmental Research	ф.co.c	* 0	# 0
Biological and Environmental Research Total Biological and Environmental Research	\$525	\$0	\$0
•	\$525	\$0	\$0
Fusion Energy Sciences Fusion Energy Sciences	\$400	\$400	\$0
Total Fusion Energy Sciences	\$400	\$400	\$0
High Energy Physics	÷	÷	÷
High Energy Physics	\$765	\$975	\$300
Total High Energy Physics	\$765	\$975	\$300
Nuclear Physics			
Nuclear Physics	\$440	\$0	\$0
Total Nuclear Physics	\$440	\$0	\$0
Total Science	\$7,176	\$5,526	\$3,852
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	\$1,183	\$1,181	\$0
Total CCS and Power Systems	\$1,183	\$1,181	\$0
Total Fossil Energy Research and Development	\$1,183	\$1,181	\$0
al Kansas	\$11,222	\$9,558	\$3,852
	• ,		

Department Of Energy FY 2018 Congressional Budget		5/18/2	
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	(Dollars In Thousands)		
ntucky	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Non-Defense Environmental Cleanup Gaseous Diffusion Plants Gaseous Diffusion Plants	¢50.000	¢50.705	¢40.064
Total Gaseous Diffusion Plants	\$52,886	\$52,785	\$49,964
	\$52,886	\$52,785	\$49,964
Total Non-Defense Environmental Cleanup	\$52,886	\$52,785	\$49,964
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$4,261	\$4,239	\$0
State Energy Program	\$642	\$642	\$0
Total Energy Efficiency and Renewable Energy	ý \$4,903	\$4,881	\$0
Total Energy Efficiency and Renewable Energy	\$4,903	\$4,881	\$0
Uranium Enrichment Decon. & Decom. Fund Uranium Enrichment D&D Fund			
Pens & Comm & Reg Support Paducah Paducah Gaseous Diffusion Plant	\$2,375 \$199,925	\$2,375 \$199,925	\$2,386 \$202,297
Total Uranium Enrichment D&D Fund	\$202,300	\$202,300	\$202,297
Total Uranium Enrichment Decon. & Decom. Fund Science Basic Energy Sciences	\$202,300	\$202,300	\$204,683
Basic Energy Sciences	\$1,100	\$990	\$0
Total Basic Energy Sciences	\$1,100	\$990	\$0
Nuclear Physics Nuclear Physics	\$1,038	\$670	\$0
Total Nuclear Physics	\$1,038	\$670	\$0
Total Science	\$2,138	\$1,660	\$0
Other Defense Activities			
Environment, Health, Safety and Security Environment, Health, Safety and Security	\$200	\$200	\$200
Total Environment, Health, Safety and Security	\$200	\$200	\$200
Office of Legacy Management Legacy Management	\$3,000	\$2,933	\$2,793
Total Office of Legacy Management	\$3,000	\$2,933	\$2,793
Total Other Defense Activities	\$3,200	\$3,133	\$2,993
Fossil Energy Research and Development CCS and Power Systems			
Carbon Capture	\$681	\$680	\$0
Advanced Energy Systems	\$1,280	\$1,278	\$0

FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

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ntucky	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Total CCS and Power Systems	\$1,961	\$1,958	\$0
Total Fossil Energy Research and Development	\$1,961	\$1,958	\$C
Defense Environmental Cleanup			
Program Direction			
Paducah/Portsmouth	\$12,343	\$12,343	\$13,730
Total Program Direction	\$12,343	\$12,343	\$13,730
Safeguards and Security			
Paducah	\$13,216	\$13,164	\$14,049
Total Safeguards and Security	\$13,216	\$13,164	\$14,049
Cyber Security			
Cyber Security	\$0	\$0	\$1,507
Total Cyber Security	\$0	\$0	\$1,507
Total Defense Environmental Cleanup	\$25,559	\$25,507	\$29,286
tal Kentucky	\$292,947	\$292,224	\$286,926

	Department Of Energy		
FY	2018 Congressional Budget		
	State Table (Dollars In Thousands)	Pag	e 48 of 124
uisiana	FY 2016 Enacted		FY 2018 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$1,345		\$
State Energy Program	\$776	\$\$776	\$
Total Energy Efficiency and Renewable En	ergy \$2,121	\$2,115	\$
Total Energy Efficiency and Renewable Energy	/ \$2,121	\$2,115	\$
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$4,053	\$3,261	\$2,32
Total Basic Energy Sciences	\$4,053	\$3,261	\$2,32
High Energy Physics High Energy Physics	\$495	\$0	\$
Total High Energy Physics	\$495	\$0	\$
Nuclear Physics Nuclear Physics	\$335	\$0	\$
Total Nuclear Physics	\$335	\$0	\$
Total Science	\$4,883	\$3,261	\$2,32
Fossil Energy Research and Development			
Natural Gas Technologies			
Natural Gas Technologies	\$0	\$0	\$8
Total Natural Gas Technologies	\$0	\$0	\$8
Total Fossil Energy Research and Developmer	nt \$0	\$0	\$8
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$136,203	\$135,944	\$115,03
Total SPR Geotechnical Analytical Support	\$136,203	\$135,944	\$115,03
SPR Econometric Modelling Support Management	\$17,394	\$17,361	\$15,95
Total SPR Econometric Modelling Support	\$17,394		\$15,958
Total Strategic Petroleum Reserve	\$153,597	\$153,305	\$130,99
Strategic Petroleum Reserve - Petroleum Acco	unt		
SPR - Petroleum Account Oil Acquisition and Transportation	\$0	\$0	\$11,40
Total SPR - Petroleum Account	\$0		\$11,40
Total Strategic Petroleum Reserve - Petroleum	Account \$0	\$0	\$11,400

Energy Security & Infrastructure Modernization Fund (ESIM) Energy Security & Infrastructure Modernization Fund (ESIM)

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State Table (Dollars In Thousands)		Page	49 of 124
Louisiana	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Energy Security & Infrastructure Modernization Fund (ESIM)	\$0	\$375,400	\$350,000
Total Energy Security & Infrastructure Modernization Fund (ESIN	\$0	\$375,400	\$350,000
Total Energy Security & Infrastructure Modernization Fund (ESIM)	\$0	\$375,400	\$350,000
Total Louisiana		\$534,081	\$494,803

Department Of Energy FY 2018 Congressional Budget		5/18/2017	
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(Dollars In Th	ousands)		
ine	FY 2016	FY 2017	FY 201
	Enacted	Annualized CR	Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$2,891	\$2,876	\$
State Energy Program	\$348	\$348	\$0
Total Energy Efficiency and Renewable Energy	\$3,239	\$3,224	\$0
Total Energy Efficiency and Renewable Energy	\$3,239	\$3,224	\$(
Science			
Biological and Environmental Research			
Biological and Environmental Research	\$150	\$0	\$
Total Biological and Environmental Research	\$150	\$0	\$0
Total Science	\$150	\$0	\$
tal Maine	\$3,389	\$3,224	\$(

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	State Table (Dollars In Thousands)		Page	51 of 124
aryland		FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Energy Efficiency and Renewable Energy				
Energy Efficiency and Renewable Energy		•• •• •	•• • • •	
Weatherization Assistance		\$2,524	\$2,511	\$
State Energy Program		\$715	\$715	\$
Total Energy Efficiency and Renewable Ene	ergy	\$3,239	\$3,226	\$
Total Energy Efficiency and Renewable Energy	<i>,</i>	\$3,239	\$3,226	\$
Science				
Advanced Scientific Computing Research				
Advanced Scientific Computing Resear		\$2,192	\$294	\$30
Total Advanced Scientific Computing Resea	arch	\$2,192	\$294	\$30
Basic Energy Sciences Basic Energy Sciences		\$9,438	\$6,290	\$7,59
Total Basic Energy Sciences		\$9,438	\$6,290	\$7,59
Biological and Environmental Research Biological and Environmental Research		\$1,556	\$451	\$
Total Biological and Environmental Researc	ch	\$1,556	\$451	\$
Fusion Energy Sciences Fusion Energy Sciences		\$2,111	\$240	\$69
Total Fusion Energy Sciences		\$2,111	\$240	\$69
High Energy Physics		Ψ Ζ,ΙΙΙ	φ240	ф09
High Energy Physics		\$2,584	\$1,821	\$1,10
Total High Energy Physics		\$2,584	\$1,821	\$1,10
Nuclear Physics				
Nuclear Physics		\$878	\$919	\$
Total Nuclear Physics		\$878	\$919	\$
Total Science		\$18,759	\$10,015	\$9,68
Departmental Administration				
Chief Financial Officer				
Program Direction		\$31,255	\$30,760	\$30,22
Total Chief Financial Officer		\$31,255	\$30,760	\$30,22
Chief Information Officer				
Program Direction		\$22,577	\$22,533	\$26,58
Cybersecurity and Secure Management	:	\$21,220	\$16,773	\$27,31
Corporate IT Program Support		\$11,030	\$15,140	\$15,37
Total Chief Information Officer		\$54,827	\$54,446	\$69,27
Total Departmental Administration		\$86,082	\$85,206	\$99,49
		. ,	,	, ,

Fossil Energy Research and Development

Program Direction

FY 2018 Congressional Budget

State Table

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(Dollars In Thousands)

;)			
,			
	FY 2016	FY 2017	FY 2018
		Annualized CR	Request

aryland	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Headquarters Program Direction	\$17,626	\$17,592	\$17,975
Total Program Direction	\$17,626	\$17,592	\$17,975
Total Fossil Energy Research and Development	\$17,626	\$17,592	\$17,975
Energy Information Administration Energy Information Administration			
National Energy Information System	\$18,270	\$15,670	\$15,670
Total Energy Information Administration	\$18,270	\$15,670	\$15,670
Total Energy Information Administration	\$18,270	\$15,670	\$15,670
tal Maryland	\$143,976	\$131,709	\$142,823

	Department Of Energy	5/18/2	017
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	(Dollars In Thousands)		
assachusetts	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$6,059	\$6,029	\$
State Energy Program	\$857	\$857	\$
Total Energy Efficiency and Renewable Energy	ergy \$6,916	\$6,886	\$
Total Energy Efficiency and Renewable Energy	\$6,916	\$6,886	\$
Science			
Advanced Scientific Computing Research		* ~~~	-
Advanced Scientific Computing Resear		\$600	\$
Total Advanced Scientific Computing Resea	arch \$760	\$600	\$
Basic Energy Sciences Basic Energy Sciences	\$20,752	\$20,588	\$18,36
Total Basic Energy Sciences	\$20,752	\$20,588	\$18,36
Biological and Environmental Research	\$20,752	φ20,500	φ10,30
Biological and Environmental Research	\$9,831	\$5,290	\$3,40
Total Biological and Environmental Researc	ch \$9,831	\$5,290	\$3,40
Fusion Energy Sciences			
Fusion Energy Sciences	\$25,198	\$11,990	\$9,12
Total Fusion Energy Sciences	\$25,198	\$11,990	\$9,12
High Energy Physics			
High Energy Physics	\$15,389	\$13,517	\$5,77
Total High Energy Physics	\$15,389	\$13,517	\$5,77
Nuclear Physics			
Nuclear Physics	\$9,732	\$2,830	\$
Total Nuclear Physics	\$9,732	\$2,830	\$
Total Science	\$81,662	\$54,815	\$36,66
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$493	\$492	\$
Advanced Energy Systems	\$200	\$200	\$
Total CCS and Power Systems	\$693	\$692	\$
Total Fossil Energy Research and Developmen	nt \$693	\$692	\$
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$2,634	\$2,629	\$3,53
Total Northeast Home Heating Oil Reserve	\$2,634	\$2,629	\$3,53
Total Northeast Home Heating Oil Reserve Acc	count \$2,634	\$2,629	\$3,53

	Department Of Energy		5/18/2	017
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	State Table (Dollars In Thousands)		Page 8	54 of 124
Massachusetts		FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Energy Information Administration Energy Information Administration National Energy Information System		\$100	\$100	\$100
Total Energy Information Administration		\$100	\$100	\$100
Total Energy Information Administration		\$100	\$100	\$100
Total Massachusetts		\$92,005	\$65,122	\$40,292

Department Of E	Energy	5/18/2	017
FY 2018 Congressional I	Budget	3:59:5	6PM
State Table (Dollars In Thousands))	Page 8	55 of 124
chigan	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$14,398	\$14,326	\$
State Energy Program	\$1,323	\$1,323	\$
Total Energy Efficiency and Renewable Energy	\$15,721	\$15,649	\$
Total Energy Efficiency and Renewable Energy	\$15,721	\$15,649	\$
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$14,400	\$12,572	\$13,44
Total Basic Energy Sciences	\$14,400	\$12,572	\$13,44
Biological and Environmental Research Biological and Environmental Research	\$2,002	\$1,077	\$1,22
Total Biological and Environmental Research	\$2,002	\$1,077	\$1,22
Fusion Energy Sciences			÷
Fusion Energy Sciences	\$1,443	\$0	\$1,50
Total Fusion Energy Sciences	\$1,443	\$0	\$1,50
High Energy Physics			
High Energy Physics	\$5,317	\$4,570	\$2,25
Total High Energy Physics	\$5,317	\$4,570	\$2,25
Nuclear Physics			
Nuclear Physics	\$106,242	\$101,652	\$80,00
Total Nuclear Physics	\$106,242	\$101,652	\$80,00
Total Science	\$129,404	\$119,871	\$98,42
tal Michigan	\$145,125	\$135,520	\$98,42

Department Of Ener	ду	5/18/2	017
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State Table		Page	56 of 124
(Dollars In Thousands)			
innesota	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$9,158 \$927	\$9,112	\$(¢(
State Energy Program	\$827	\$827	\$0
Total Energy Efficiency and Renewable Energy	\$9,985	\$9,939	\$0
Total Energy Efficiency and Renewable Energy	\$9,985	\$9,939	\$C
Science			
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$123	\$0	¢
			\$0
Total Advanced Scientific Computing Research	\$123	\$0	\$C
Basic Energy Sciences Basic Energy Sciences	\$5,012	\$4,764	\$5,586
Total Basic Energy Sciences	\$5,012	\$4,764	\$5,586
Biological and Environmental Research	· - / -	· · ·	· · · ·
Biological and Environmental Research	\$895	\$450	\$0
Total Biological and Environmental Research	\$895	\$450	\$0
Fusion Energy Sciences Fusion Energy Sciences	\$750	\$0	\$0
Total Fusion Energy Sciences	\$750	\$0	\$0
High Energy Physics	<i></i>	¢0	ΨC
High Energy Physics	\$2,470	\$2,530	\$1,850
Total High Energy Physics	\$2,470	\$2,530	\$1,850
Nuclear Physics			
Nuclear Physics	\$395	\$400	\$C
Total Nuclear Physics	\$395	\$400	\$C
Total Science	\$9,645	\$8,144	\$7,436
Western Area Power Admin. Const.,Rehab.,O&M			
Systems Operation and Maintenance	¢45 404	¢45.000	*0 444
Systems Operation and Maintenance	\$15,491	\$15,292	\$8,441
Total Systems Operation and Maintenance	\$15,491	\$15,292	\$8,441
Program Direction Program Direction	\$190	\$182	\$190
Total Program Direction	\$190	\$182	\$190
Total Western Area Power Admin. Const.,Rehab.,O&M	\$15,681	\$15,474	\$8,631
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$1,846	\$1,817	\$1,220
Total Equipment, Contracts and Other Related Expenses	\$1,846	\$1,817	\$1,220

Department Of Energy		5/18/2	017
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(Dollars In Thousands)			
linnesota	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Total Colorado River Basins Power Marketing Fund	\$1,846	\$1,817	\$1,220
Energy Information Administration Energy Information Administration			
National Energy Information System	\$140	\$140	\$140
Total Energy Information Administration	\$140	\$140	\$140
Total Energy Information Administration	\$140	\$140	\$140
otal Minnesota	\$37,297	\$35,514	\$17,427

Department	Of Energy	5/18/2	017
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State Table (Dollars In Thous	-	Page	58 of 124
ssissippi	FY 2016 Enacted	FY 2017 Annualized CR	FY 20 ⁷ Reque
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$1,499	\$1,492	Ś
State Energy Program	\$455	\$455	ę
Total Energy Efficiency and Renewable Energy	\$1,954	\$1,947	5
Total Energy Efficiency and Renewable Energy	\$1,954	\$1,947	Ś
Science High Energy Physics High Energy Physics	\$382	\$0	S
Total High Energy Physics	\$382	\$0	
Nuclear Physics Nuclear Physics	\$403	\$264	:
Total Nuclear Physics	\$403	\$264	Ş
Total Science	\$785	\$264	:
Other Defense Activities Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$259	\$259	\$2
Total Environment, Health, Safety and Security	\$259	\$259	\$2
Total Other Defense Activities	\$259	\$259	\$2
tal Mississippi	\$2,998	\$2,470	\$2

D	epartment Of Energy	5/18/2	2017
FY 2018 (Congressional Budget	3:59:56PM	
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(Dol	llars In Thousands)		
ssouri	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Nuclear Energy Idaho Facilities Management Idaho Facilities Management	\$280	\$250	\$
Total Idaho Facilities Management	\$280	\$250	\$
Total Nuclear Energy	\$280	\$250	\$
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance State Energy Program	\$5,565 \$770	\$5,537 \$770	\$ \$
Total Energy Efficiency and Renewable Energy	\$6,335	\$6,307	\$
Total Energy Efficiency and Renewable Energy Science	\$6,335	\$6,307	\$
Basic Energy Sciences Basic Energy Sciences	\$5,297	\$4,943	\$4,39
Total Basic Energy Sciences	\$5,297	\$4,943	\$4,39
Biological and Environmental Research Biological and Environmental Research	\$5,245	\$1,400	\$
Total Biological and Environmental Research	\$5,245	\$1,400	\$
High Energy Physics High Energy Physics	\$580	\$335	\$
Total High Energy Physics	\$580	\$335	\$
Nuclear Physics Nuclear Physics	\$551	\$355	\$
Total Nuclear Physics	\$551	\$355	\$
Total Science	\$11,673	\$7,033	\$4,39
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$331,385	\$333,798	\$447,14
Total Directed Stockpile Work	\$331,385	\$333,798	\$447,14
Engineering Engineering Campaign	\$3,102	\$3,100	\$4,13
Total Engineering	\$3,102	\$3,100	\$4,13
Advanced Simulation & Computing Advanced Simulation & Computing Campaign	\$500	\$500	\$
Total Advanced Simulation & Computing	\$500	\$500	\$
Defense Nuclear Security Defense Nuclear Security	\$11,423	\$11,527	\$11,88
Total Defense Nuclear Security	\$11,423	\$11,527	\$11,88

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State Table

FY 2018 Congressional Budget

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souri	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Readiness Campaign			
Readiness Campaign	\$0	\$0	\$C
Total Readiness Campaign	\$0	\$0	\$0
Information technology and Cybersecurity Information technology and Cybersecurity	\$5,576	\$5,576	\$5,576
Total Information technology and Cybersecurity	\$5,576	\$5,576	\$5,576
Infrastructure and Operations Infrastructure and Operations	\$179,655	\$132,484	\$137,427
Total Infrastructure and Operations	\$179,655	\$132,484	\$137,427
Secure Transportation Asset Secure Transportation Asset	\$17,700	\$20,882	\$17,418
Total Secure Transportation Asset	\$17,700	\$20,882	\$17,418
Advanced Manufacturing Development Advanced Manufacturing Development	\$46,344	\$9,092	\$17,702
Total Advanced Manufacturing Development	\$46,344	\$9,092	\$17,702
otal Weapons Activities	\$595,685	\$516,959	\$641,286
other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security	\$10	\$10	\$10
Total Environment, Health, Safety and Security	\$10	\$10	\$10
Office of Legacy Management Legacy Management	\$3,061	\$7,911	\$7,482
Total Office of Legacy Management	\$3,061	\$7,911	\$7,482
Fotal Other Defense Activities	\$3,071	\$7,921	\$7,492
Defense Nuclear Nonproliferation			
Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$296	\$373	\$402
Total Defense Nuclear Nonproliferation R&D	\$296	\$373	\$402
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$17,972	\$17,201	\$19,736
Total Nuclear Counterterrorism and Incident Response	\$17,972	\$17,201	\$19,736
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$1,684	\$2,245	\$2,266
Total Nonproliferation and Arms Control	\$1,684	\$2,245	\$2,266
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FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

Reques \$22,404 \$7,447 \$7,447
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\$5,070
\$93,000
\$93,000
\$4,463
\$4,463
\$8,546
\$8,546
\$111,079
\$245
\$245
\$245
\$794,346

Department Of	Energy	5/18/2	017
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(Dollars In Thousand	6)		
ontana	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$2,346	\$2,335	\$
State Energy Program	\$295	\$295	\$
Total Energy Efficiency and Renewable Energy	\$2,641	\$2,630	\$
Total Energy Efficiency and Renewable Energy	\$2,641	\$2,630	\$
Science			
Basic Energy Sciences Basic Energy Sciences	\$2,635	\$3,243	\$2,92
Total Basic Energy Sciences	\$2,635	\$3,243	\$2,92
Biological and Environmental Research	<i>42,000</i>	\$0, <u>2</u> 10	<i>42,62</i>
Biological and Environmental Research	\$417	\$403	\$26
Total Biological and Environmental Research	\$417	\$403	\$26
Fusion Energy Sciences Fusion Energy Sciences	\$180	\$0	\$
Total Fusion Energy Sciences	\$180	\$0	\$
Total Science	\$3,232	\$3,646	\$3,18
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance Systems Operation and Maintenance	\$11,224	\$10,390	\$5,99
Total Systems Operation and Maintenance	· · ·		
	\$11,224	\$10,390	\$5,99
Program Direction Program Direction	\$6,869	\$6,481	\$6,72
Total Program Direction	\$6,869	\$6,481	\$6,72
Total Western Area Power Admin. Const.,Rehab.,O&M	\$18,093	\$16,871	\$12,71
	ψ10,095	φ10,0 <i>1</i> 1	$\psi \mathbf{Z}, \mathbf{I} $
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$22,434	\$14,415	\$13,59
Total Equipment, Contracts and Other Related Expenses	\$22,434	\$14,415	\$13,59
Program Direction			
Program Direction	\$14,908	\$15,028	\$14,09
Total Program Direction	\$14,908	\$15,028	\$14,09
Total Colorado River Basins Power Marketing Fund	\$37,342	\$29,443	\$27,69
Fossil Energy Research and Development			
CCS and Power Systems	¢=70	¢ = 74	۴
Carbon Storage	\$572	\$571	\$
I OTAI CCS AND POWER SYSTEMS	\$572	\$571	\$
Total CCS and Power Systems	\$572	\$571	\$

Department Of Energy		5/18/2	017
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State Table (Dollars In Thousands)		Page	63 of 124
Montana	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Unconventional FE Technologies from Petroleum – Oil Unconventional FE Technologies from Petroleum – Oil	\$143	\$143	\$0
Total Unconventional FE Technologies from Petroleum – Oil	\$143	\$143	\$0
Total Fossil Energy Research and Development	\$715	\$714	\$0
Total Montana	\$62,023	\$53,304	\$43,590

DraskaEnactedAnnualized CRRequeEnergy Efficiency and Renewable Energy Weatherization Assistance\$2,343\$2,331\$2Mean and Sasistance\$2,343\$2,331\$2State Energy Program\$393\$393\$2Total Energy Efficiency and Renewable Energy\$2,736\$2,724\$2ScienceBasic Energy Sciences\$1,945\$1,770\$76Basic Energy Sciences\$1,945\$1,770\$76Biological and Environmental Research\$2,930\$2,649\$2,736Biological and Environmental Research\$2,930\$2,649\$2,736Total Basic Cance\$4,875\$4,419\$3,56Western Area Power Admin. Const., Rehab., O&M\$3,287\$29,143\$16,56Systems Operation and Maintenance\$28,797\$29,143\$16,56Program Direction\$3,428\$3,281\$3,428Program Direction\$3,428\$3,281\$3,428Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,222Total Equipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,222Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,222Total Colorado River Basins Power Marketing Fund\$3,375\$3,322 <th>Department C</th> <th>f Energy</th> <th>5/18/2</th> <th>017</th>	Department C	f Energy	5/18/2	017
(Dollars In Thousands) FY 2016 FY 2017 FY 2017 FY 2017 Reque Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy \$2,343 \$2,331 \$2 State Energy Program \$393 \$393 \$393 \$3 Total Energy Efficiency and Renewable Energy \$2,736 \$2,724 \$2 Total Energy Efficiency and Renewable Energy \$2,736 \$2,724 \$2 Science Basic Energy Sciences \$1,945 \$1,770 \$77 Basic Energy Sciences \$1,945 \$1,770 \$77 Biological and Environmental Research \$2,930 \$2,649 \$2,79 Biological and Environmental Research \$2,930 \$2,649 \$2,79 Total Biological and Environmental Research \$2,930 \$2,649 \$2,79 Total Science \$4,875 \$4,419 \$3,69 Western Area Power Admin. Const., Rehab., 0&M \$3,281 \$3,44 Total Systems Operation and Maintenance \$28,797 \$29,143 \$16,55 Program Direction \$3,428 \$3,281 \$3,44 Total System Operation and Maintenance \$28,797	FY 2018 Congression	al Budget	3:59:	56PM
praskaEnactedAnnualized CRRequeEnergy Efficiency and Renewable Energy Weatherization Assistance\$2,343\$2,331\$2State Energy Program\$393\$393\$3Total Energy Efficiency and Renewable Energy\$2,736\$2,724\$2Total Energy Efficiency and Renewable Energy\$2,736\$2,724\$2ScienceBasic Energy Sciences\$1,945\$1,770\$76Basic Energy Sciences\$1,945\$1,770\$76Biological and Environmental Research\$2,930\$2,649\$2,736Biological and Environmental Research\$2,930\$2,649\$2,736Total Biological and Environmental Research\$2,930\$2,649\$2,736Biological and Environmental Research\$2,930\$2,649\$2,736Total Biological and Environmental Research\$2,930\$2,649\$2,736Total Biological and Environmental Research\$2,930\$2,649\$2,747Total Science\$4,875\$4,419\$3,56Western Area Power Admin. Const., Rehab., O&M\$3,287\$29,143\$16,56Systems Operation and Maintenance\$28,797\$29,143\$16,56Program Direction\$3,428\$3,281\$3,428Octal Program Direction\$3,428\$3,281\$3,428Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,222Total Program Direction\$3,375\$3,322\$2,222Total Program Direction\$3,375\$3,322\$2,222Total Program Direction </th <th></th> <th>nds)</th> <th>Page</th> <th>64 of 124</th>		nds)	Page	64 of 124
Energy Efficiency and Renewable Energy Weatherization Assistance\$2,343\$2,331\$2State Energy Program\$393\$393\$393\$393Total Energy Efficiency and Renewable Energy\$2,736\$2,724\$2Total Energy Efficiency and Renewable Energy\$2,736\$2,724\$2ScienceBasic Energy Sciences\$1,945\$1,770\$76Basic Energy Sciences\$1,945\$1,770\$76Biological and Environmental Research\$2,930\$2,649\$2,79Biological and Environmental Research\$2,930\$2,649\$2,79Total Biological and Environmental Research\$2,930\$2,649\$2,79Total Science\$4,875\$4,419\$3,56Western Area Power Admin. Const., Rehab., O&M\$3,428\$3,281\$3,44Systems Operation and Maintenance\$28,797\$29,143\$16,56Program Direction\$3,428\$3,281\$3,44Total Program Direction\$3,428\$3,281\$3,44Total Program Direction\$3,428\$3,281\$3,44Total Program Direction\$3,428\$3,281\$3,44Total Program Direction\$3,428\$3,281\$3,44Total Program Direction\$3,375\$3,322\$2,24Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,24Total Equipment, Contracts and Other Related Expenses Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,24Total Equipment, Contracts and Other Related Expenses Colorado River Bas	praska			FY 201 Reque
Total Energy Efficiency and Renewable Energy\$2,736\$2,724\$2Total Energy Efficiency and Renewable Energy\$2,736\$2,724\$2ScienceBasic Energy Sciences\$1,945\$1,770\$74Basic Energy Sciences\$1,945\$1,770\$74Biological and Environmental Research\$2,930\$2,649\$2,76Biological and Environmental Research\$2,930\$2,649\$2,76Total Biological and Environmental Research\$2,930\$2,649\$2,76Total Science\$4,875\$4,419\$3,56Western Area Power Admin. Const., Rehab., O&M\$3,977\$29,143\$16,56Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Western Area Power Admin. Const., Rehab., O&M\$32,225\$32,424\$19,93Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Program Direction\$3,375\$3,322\$2,22Total Program Direction Related Expenses\$3,375\$3,322\$2,22Total Program Direction Related Expenses\$3,375\$3,322\$2,22Total Program Direction Related Expenses\$3,375\$3,322\$2,22Total Equipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Equipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Equipment, Contracts and Other Related	Energy Efficiency and Renewable Energy	\$2,343	\$2,331	\$
Total Energy\$2,736\$2,736Total Energy SciencesBasic Energy Sciences\$1,945\$1,770\$76Basic Energy Sciences\$1,945\$1,770\$76Biological and Environmental Research\$2,930\$2,649\$2,75Total Biological and Environmental Research\$2,930\$2,649\$2,75Total Science\$4,875\$4,419\$3,56Western Area Power Admin. Const.,Rehab.,O&M\$28,797\$29,143\$16,56Systems Operation and Maintenance\$28,797\$29,143\$16,56Program Direction\$3,428\$3,281\$3,42Total Vestern Area Power Admin. Const.,Rehab.,O&M\$32,225\$32,424\$19,95Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22	State Energy Program	\$393	\$393	\$
ScienceBasic Energy Sciences\$1,945\$1,770\$77Total Basic Energy Sciences\$1,945\$1,770\$78Biological and Environmental Research\$2,930\$2,649\$2,79Biological and Environmental Research\$2,930\$2,649\$2,79Total Biological and Environmental Research\$2,930\$2,649\$2,79Total Science\$4,875\$4,419\$3,56Western Area Power Admin. Const., Rehab., 0&M\$395\$395Systems Operation and Maintenance\$28,797\$29,143\$16,56Systems Operation and Maintenance\$28,797\$29,143\$16,56Program Direction\$3,428\$3,281\$3,42Total Vestern Area Power Admin. Const., Rehab., 0&M\$32,225\$32,424\$19,95Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Vestern Area Power Admin. Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322 <t< td=""><td>Total Energy Efficiency and Renewable Energy</td><td>\$2,736</td><td>\$2,724</td><td>\$</td></t<>	Total Energy Efficiency and Renewable Energy	\$2,736	\$2,724	\$
Basic Energy Sciences\$1,945\$1,770\$78Basic Energy Sciences\$1,945\$1,770\$78Fotal Basic Energy Sciences\$1,945\$1,770\$78Biological and Environmental Research\$2,930\$2,649\$2,77Biological and Environmental Research\$2,930\$2,649\$2,79Total Biological and Environmental Research\$2,930\$2,649\$2,79Total Science\$4,875\$4,419\$3,56Western Area Power Admin. Const., Rehab., 0&M\$3\$28,797\$29,143Systems Operation and Maintenance\$28,797\$29,143\$16,54Program Direction\$3,428\$3,281\$3,42Total Vestern Area Power Admin. Const., Rehab., 0&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Vestern Area Power Admin. Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22	Total Energy Efficiency and Renewable Energy	\$2,736	\$2,724	9
Basic Energy Sciences\$1,945\$1,770\$76Total Basic Energy Sciences\$1,945\$1,770\$76Biological and Environmental Research\$2,930\$2,649\$2,79Total Biological and Environmental Research\$2,930\$2,649\$2,79Total Science\$4,875\$4,419\$3,56Western Area Power Admin. Const., Rehab., O&M\$28,797\$29,143\$16,56Systems Operation and Maintenance\$28,797\$29,143\$16,56Program Direction\$3,428\$3,281\$3,42Total Western Area Power Admin. Const., Rehab., O&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322 <td< td=""><td></td><td></td><td></td><td></td></td<>				
Biological and Environmental Research\$2,930\$2,649\$2,79Total Biological and Environmental Research\$2,930\$2,649\$2,79Total Biological and Environmental Research\$2,930\$2,649\$2,79Total Science\$4,875\$4,419\$3,56Western Area Power Admin. Const.,Rehab.,O&MSystems Operation and Maintenance\$28,797\$29,143\$16,56Systems Operation and Maintenance\$28,797\$29,143\$16,56Total Systems Operation and Maintenance\$28,797\$29,143\$16,56Program Direction\$3,428\$3,281\$3,426Total Program Direction\$3,428\$3,281\$3,427Total Western Area Power Admin. Const.,Rehab.,O&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,225Total Colorado River		\$1,945	\$1,770	\$78
Biological and Environmental Research\$2,930\$2,649\$2,79Total Biological and Environmental Research\$2,930\$2,649\$2,79Total Science\$4,875\$4,419\$3,58Western Area Power Admin. Const.,Rehab.,O&MSystems Operation and Maintenance\$28,797\$29,143\$16,56Systems Operation and Maintenance\$28,797\$29,143\$16,56Total Systems Operation and Maintenance\$28,797\$29,143\$16,56Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Western Area Power Admin. Const.,Rehab.,O&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,23Total Colorado River Storage Project\$3,375\$3,322\$2,23Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,23Total Colorado River Basins Power Marke	Total Basic Energy Sciences	\$1,945	\$1,770	\$78
Total Science\$4,875\$4,419\$3,56Western Area Power Admin. Const., Rehab., O&MSystems Operation and Maintenance\$28,797\$29,143\$16,54Systems Operation and Maintenance\$28,797\$29,143\$16,54Program Direction\$3,428\$3,281\$3,42Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Western Area Power Admin. Const., Rehab., O&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing FundEquipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375		\$2,930	\$2,649	\$2,79
Western Area Power Admin. Const.,Rehab.,O&MSystems Operation and Maintenance\$28,797\$29,143\$16,54Systems Operation and Maintenance\$28,797\$29,143\$16,54Program Direction\$3,428\$3,281\$3,42Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Western Area Power Admin. Const.,Rehab.,O&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing FundEquipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22	Total Biological and Environmental Research	\$2,930	\$2,649	\$2,79
Systems Operation and Maintenance\$28,797\$29,143\$16,54Systems Operation and Maintenance\$28,797\$29,143\$16,54Program Direction\$3,428\$3,281\$3,42Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Colorado River Area Power Admin. Const., Rehab., O&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing FundEquipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Equipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,22\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22	Total Science	\$4,875	\$4,419	\$3,58
Total Systems Operation and Maintenance\$28,797\$29,143\$16,54Program DirectionProgram Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Western Area Power Admin. Const., Rehab., O&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing FundEquipment, Contracts and Other Related Expenses Colorado River Storage Project\$3,375\$3,322\$2,22Total Equipment, Contracts and Other Related Expenses Storage Project\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22				
Program Direction\$3,428\$3,281\$3,42Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Western Area Power Admin. Const., Rehab., O&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing FundEquipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Equipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22	Systems Operation and Maintenance	\$28,797	\$29,143	\$16,54
Program Direction\$3,428\$3,281\$3,42Total Program Direction\$3,428\$3,281\$3,42Total Western Area Power Admin. Const., Rehab., O&M\$32,225\$32,424\$19,97Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project\$3,375\$3,322\$2,22Total Equipment, Contracts and Other Related Expenses Total Equipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,22		\$28,797	\$29,143	\$16,54
Total Western Area Power Admin. Const., Rehab., O&M \$32,225 \$32,424 \$19,97 Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses \$3,375 \$3,322 \$2,25 Total Equipment, Contracts and Other Related Expenses \$3,375 \$3,322 \$2,25 Total Equipment, Contracts and Other Related Expenses \$3,375 \$3,322 \$2,25 Total Equipment, Contracts and Other Related Expenses \$3,375 \$3,322 \$2,25 Total Equipment, Contracts and Other Related Expenses \$3,375 \$3,322 \$2,25 Total Colorado River Basins Power Marketing Fund \$3,375 \$3,322 \$2,25	-	\$3,428	\$3,281	\$3,42
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$3,375 \$3,322 \$2,23 Total Equipment, Contracts and Other Related Expenses \$3,375 \$3,322 \$2,23 Total Equipment, Contracts and Other Related Expenses \$3,375 \$3,322 \$2,23 Total Colorado River Basins Power Marketing Fund \$3,375 \$3,322 \$2,23	Total Program Direction	\$3,428	\$3,281	\$3,42
Equipment, Contracts and Other Related Expenses Colorado River Storage Project\$3,375\$3,322\$2,23Total Equipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,23Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,23	Total Western Area Power Admin. Const.,Rehab.,O&M	\$32,225	\$32,424	\$19,97
Total Equipment, Contracts and Other Related Expenses\$3,375\$3,322\$2,23Total Colorado River Basins Power Marketing Fund\$3,375\$3,322\$2,23	Equipment, Contracts and Other Related Expenses	\$3,375	\$3,322	\$2,23
	Total Equipment, Contracts and Other Related Expenses	\$3,375	\$3,322	\$2,23
al Nebraska \$43,211 \$42,889 \$25,78	Total Colorado River Basins Power Marketing Fund	\$3,375	\$3,322	\$2,23
	al Nebraska	\$43,211	\$42,889	\$25,78

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(Dollars In Thousa	ands)		
vada	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$871	\$867	\$
State Energy Program	\$345	\$345	\$
Total Energy Efficiency and Renewable Energy	\$1,216	\$1,212	\$
Total Energy Efficiency and Renewable Energy	\$1,216	\$1,212	\$
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$40,73
Total Yucca Mountain and Interim Storage	\$0	\$0	\$40,73
Total Nuclear Waste Disposal	\$0	\$0	\$40,73
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$365	\$300	9
Total Basic Energy Sciences	\$365	\$300	\$
Biological and Environmental Research			
Biological and Environmental Research	\$1,333	\$0	\$
Total Biological and Environmental Research	\$1,333	\$0	\$
Fusion Energy Sciences			
Fusion Energy Sciences	\$657	\$650	\$
Total Fusion Energy Sciences	\$657	\$650	\$
Total Science	\$2,355	\$950	\$
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$48,985	\$44,469	\$49,37
Total Directed Stockpile Work	\$48,985	\$44,469	\$49,37
Science			
Science Campaign	\$52,569	\$45,157	\$59,34
Total Science	\$52,569	\$45,157	\$59,34
Defense Nuclear Security Defense Nuclear Security	\$81,244	\$84,634	\$73,49
Total Defense Nuclear Security	\$81,244	\$84,634	\$73,49
-	φ01,244	φ04,034	φr 3,48
Information technology and Cybersecurity Information technology and Cybersecurity	\$4,000	\$4,020	\$4,02
Total Information technology and Cybersecurity	\$4,000	\$4,020	\$4,02
Infrastructure and Operations			
Infrastructure and Operations	\$152,668	\$163,749	\$180,25

Total Infrastructure and Operations\$152,668

\$180,250

\$163,749

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State Table (Dollars In Thousands)

Р	age	9 0	00	וונ	2

vada	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Secure Transportation Asset Secure Transportation Asset	\$207	\$331	\$20
Total Secure Transportation Asset	\$207	\$331	\$20
	\$339,673	\$342,360	\$366,511
Other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security	\$15	\$15	\$15
Total Environment, Health, Safety and Security	\$15	\$15	\$15
Office of Legacy Management Legacy Management	\$2,505	\$2,475	\$0
Total Office of Legacy Management	\$2,505	\$2,475	\$0
Total Other Defense Activities	\$2,520	\$2,490	\$15
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$0	\$0	\$0
Total Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$60,056	\$23,472	\$25,295
Total Defense Nuclear Nonproliferation R&D	\$60,056	\$23,472	\$25,295
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$47,064	\$45,835	\$55,686
Total Nuclear Counterterrorism and Incident Response	\$47,064	\$45,835	\$55,686
Global Material Security Global Material Security	\$2,105	\$655	\$657
Total Global Material Security	\$2,105	\$655	\$657
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$600	\$1,029	\$1,038
Total Nonproliferation and Arms Control	\$600	\$1,029	\$1,038
Total Defense Nuclear Nonproliferation	\$109,825	\$70,991	\$82,676
Federal Salaries and Expenses			
Federal Salaries and Expenses Federal Salaries and Expenses	\$15,726	\$16,477	\$17,772
Total Federal Salaries and Expenses	\$15,726	\$16,477	\$17,772
Total Federal Salaries and Expenses	\$15,726	\$16,477	\$17,772

	Department Of Ene	ergy	5/18/2	017
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	State Table (Dollars In Thousands)		Page 6	67 of 124
rada		FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reque
Office of the Administrator Office of the Administrator		* 0	20	
Office of the Administrator Total Office of the Administrator		\$0 \$0	\$0 \$0	9
Total Office of the Administrator		\$0	\$0	Ş
Western Area Power Admin. Const.,Reh Systems Operation and Maintenance Systems Operation and Maintena	9	\$5,109	\$5,732	\$7,10
Total Systems Operation and Mainte		\$5,109	\$5,732	\$7,10
Program Direction Program Direction		\$952	\$911	\$95
Total Program Direction		\$952	\$911	\$95
 Total Western Area Power Admin. Cons	t.,Rehab.,O&M	\$6,061	\$6,643	\$8,05
Colorado River Basins Power Marketing Program Direction Program Direction	Fund	\$603	\$610	\$57
Total Program Direction		\$603	\$610	\$57
- Total Colorado River Basins Power Marl	keting Fund	\$603	\$610	\$57
Defense Environmental Cleanup Program Direction Nevada		\$2,960	\$2.960	\$2,85
Total Program Direction		\$2,960	\$2,960	\$2,85
NNSA Sites NNSA Sites		\$62,385	\$62,267	\$60,13
Total NNSA Sites		\$62,385	\$62,267	\$60,13
		\$65,345	,,	\$62,99

\$543,324

\$506,960

\$579,333

Total Nevada

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State Table (Dollars In Thousands)		Page 6	68 of 124	
w Hampshire	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reque	
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			·	
Weatherization Assistance State Energy Program	\$1,438 \$329	\$1,431 \$329	\$	
Total Energy Efficiency and Renewable Energy	\$1,767	\$1,760	\$	
Total Energy Efficiency and Renewable Energy Science Basic Energy Sciences	\$1,767	\$1,760	\$	
Basic Energy Sciences	\$1,242	\$1,096	\$31	
Total Basic Energy Sciences	\$1,242	\$1,096	\$31	
Biological and Environmental Research Biological and Environmental Research	\$15	\$0	9	
Total Biological and Environmental Research	\$15	\$0	9	
Fusion Energy Sciences Fusion Energy Sciences	\$385	\$85	9	
Total Fusion Energy Sciences	\$385	\$85	9	
High Energy Physics High Energy Physics	\$390	\$0	9	
Total High Energy Physics	\$390	\$0	9	
Nuclear Physics Nuclear Physics	\$453	\$482	9	
Total Nuclear Physics	\$453	\$482	9	
Total Science	\$2,485	\$1,663	\$31	
tal New Hampshire	\$4,252	\$3,423	\$31	

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FY 2018 Congressional Budget 3:6		3:59:5	59:56PM	
State Table		Page 6	69 of 124	
(Dollars In Thousands)				
w Jersey	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques	
Energy Efficiency and Renewable Energy				
Energy Efficiency and Renewable Energy				
Weatherization Assistance	\$4,808	\$4,784	\$	
State Energy Program	\$1,097	\$1,097	\$	
Total Energy Efficiency and Renewable Energy	\$5,905	\$5,881	\$	
Total Energy Efficiency and Renewable Energy	\$5,905	\$5,881	\$	
Science				
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$2,215	\$0	\$	
Total Advanced Scientific Computing Research	\$2,215	\$0	\$	
Basic Energy Sciences	φ2,213	φυ	φ	
Basic Energy Sciences	\$9,054	\$5,475	\$6,98	
Total Basic Energy Sciences	\$9,054	\$5,475	\$6,98	
Biological and Environmental Research				
Biological and Environmental Research	\$113	\$0	\$	
Total Biological and Environmental Research	\$113	\$0	\$	
Fusion Energy Sciences	* ~~ ~~~	A77.007	* ~~ ~~	
Fusion Energy Sciences	\$96,893	\$77,867	\$62,96	
Total Fusion Energy Sciences	\$96,893	\$77,867	\$62,96	
High Energy Physics High Energy Physics	\$3,645	\$2,530	\$2,07	
Total High Energy Physics				
	\$3,645	\$2,530	\$2,07	
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$487	\$250	\$	
Total Workforce Development for Teachers and Scientists	\$487	\$250	\$	
Safeguards and Security	* • • • •	+	Ť	
Safeguards and Security	\$2,771	\$2,535	\$2,68	
Total Safeguards and Security	\$2,771	\$2,535	\$2,68	
Program Direction Program Direction	\$1,764	\$1,607	\$1,60	
Total Program Direction	\$1,764	\$1,607	\$1,60	
Total Science	\$116,942	\$90,264	\$76,30	
Defense Nuclear Nonproliferation Defense Nuclear Nonproliferation R&D				
Defense Nuclear Nonproliferation R&D	\$0	\$105	\$11	
Total Defense Nuclear Nonproliferation R&D	\$0	\$105	\$11	
Total Defense Nuclear Nonproliferation			\$11	
	\$0	\$105	\$11.	

Northeast Home Heating Oil Reserve Account

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(Dollars In Thousands)	

	FY 2016	FY 2017	FY 2018
lew Jersey	Enacted	Annualized CR	Request
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$3,104	\$3,098	\$3,060
Total Northeast Home Heating Oil Reserve	\$3,104	\$3,098	\$3,060
Total Northeast Home Heating Oil Reserve Account	\$3,104	\$3,098	\$3,060
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$85	\$85	\$85
Total Energy Information Administration	\$85	\$85	\$85
Total Energy Information Administration	\$85	\$85	\$85
al New Jersey	\$126,036	\$99,433	\$79,565

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State Table

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w Mexico	FY 2016 Encoted	FY 2017 Annualized CR	FY 201
	Enacted	Annualized CR	Reque
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability	\$4 005	\$1,000	.
Transmission Reliability	\$1,385	\$1,382	\$1,36
Resilient Distribution Systems	\$429	\$428	\$60
Cybersecurity for Energy Delivery Systems	\$164	\$164	\$
Transmission Permitting and Technical Assistance	\$15	\$15	\$
Total Electricity Delivery and Energy Reliability	\$1,993	\$1,989	\$1,96
Total Electricity Delivery and Energy Reliability	\$1,993	\$1,989	\$1,96
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$24,702	\$24,600	\$7,46
Total Fuel Cycle R & D	\$24,702	\$24,600	\$7,46
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$4,047	\$3,400	\$2,40
Total Nuclear Energy Enabling Technologies	\$4,047	\$3,400	\$2,40
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$4,070	\$3,990	\$3,00
Total Reactors Concepts RD&D	\$4,070	\$3,990	\$3,00
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$240	\$0	5
Total International Nuclear Energy Cooperation	\$240	\$0	S
SMR Licensing Technical Support			
SMR Licensing Technical Support	\$200	\$0	e e
Total SMR Licensing Technical Support	\$200	\$0	ç
Supercritical Transformational Electric Power Generation			
Supercritical Transformational Electric Power Generation	\$0	\$4,760	S
Total Supercritical Transformational Electric Power Generation	\$0	\$4,760	ç
 Total Nuclear Energy	\$33,259	\$36,750	\$12,86
Energy Efficiency and Renewable Energy	, ,	, ,	, , - ·
Energy Efficiency and Renewable Energy			
Wind Energy	\$4,248	\$4,835	\$4,19
Geothermal Technologies	\$3,490	\$1,645	\$3,4°
Hydrogen & Fuel Cell Technologies	\$11,800	\$11,743	\$6,57
Water Power	\$4,620	\$6,562	\$2,40
Solar Energy	\$4,020 \$13,977	\$0,502 \$14,643	\$2,40 \$4,80
Vehicle Technologies	\$13,977 \$9,665	\$14,643	\$4,0 \$4,5
Building Technologies	\$0 \$00	\$308	
Federal Energy Management Program	\$90	\$0 \$1 630	
Weatherization Assistance	\$1,647	\$1,639	9
State Energy Program	\$361	\$361	

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State Table

(Dollars In Thousands)

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v Mexico	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Advanced Manufacturing	\$625	\$500	\$1,500
Strategic Programs	\$130	\$402	\$0
Bioenergy Technologies	\$5,144	\$13,453	\$4,150
Total Energy Efficiency and Renewable Energy	\$55,797	\$67,965	\$31,628
Total Energy Efficiency and Renewable Energy	\$55,797	\$67,965	\$31,628
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage	\$ 0	* -	* ~~ ~~~
Yucca Mountain and Interim Storage	\$0	\$0	\$36,320
Total Yucca Mountain and Interim Storage	\$0	\$0	\$36,320
Total Nuclear Waste Disposal	\$0	\$0	\$36,320
Science			
Advanced Scientific Computing Research	¢40.700	¢4.440	*0 004
Advanced Scientific Computing Research	\$19,796	\$4,449	\$2,384
Total Advanced Scientific Computing Research	\$19,796	\$4,449	\$2,384
Basic Energy Sciences Basic Energy Sciences	\$50,232	\$47,135	\$14,181
Total Basic Energy Sciences	\$50,232	\$47,135	\$14,181
Biological and Environmental Research	\$00,202	¢11,100	ψ11,101
Biological and Environmental Research	\$33,350	\$37,630	\$16,700
Total Biological and Environmental Research	\$33,350	\$37,630	\$16,700
Fusion Energy Sciences			
Fusion Energy Sciences	\$4,460	\$3,038	\$3,920
Total Fusion Energy Sciences	\$4,460	\$3,038	\$3,920
High Energy Physics			
High Energy Physics	\$2,455	\$2,207	\$1,705
Total High Energy Physics	\$2,455	\$2,207	\$1,705
Nuclear Physics Nuclear Physics	\$11,134	\$8,405	\$6,823
Total Nuclear Physics	\$11,134	\$8,405	\$6,823
Workforce Development for Teachers and Scientists	. ,		
Workforce Development for Teachers and Scientists	\$630	\$370	\$0
Total Workforce Development for Teachers and Scientists	\$630	\$370	\$0
Total Science	\$122,057	\$103,234	\$45,713
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$1,832,852	\$1,636,211	\$2,040,775
Total Directed Stockpile Work	\$1,832,852	\$1,636,211	\$2,040,775
Science			

FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

/ Mexico	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Science Campaign	\$236,009	\$215,914	\$245,47
Total Science	\$236,009	\$215,914	\$245,47
Engineering	<i> </i>	<i>q</i> ,	<i> </i>
Engineering Campaign	\$100,538	\$104,797	\$140,18
Total Engineering	\$100,538	\$104,797	\$140,18
Inertial Confinement Fusion Ignition High Yield Inertial Confinement Fusion Ignition High Yield Campaign	\$80,819	\$85,946	\$98,39
Total Inertial Confinement Fusion Ignition High Yield	\$80,819	\$85,946	\$98,39
Advanced Simulation & Computing Advanced Simulation & Computing Campaign	\$393,601	\$362,243	\$330,61
Total Advanced Simulation & Computing	\$393,601	\$362,243	\$330,61
Defense Nuclear Security Defense Nuclear Security	\$172,008	\$172,303	\$178,95
Total Defense Nuclear Security	\$172,008	\$172,303	\$178,95
Readiness Campaign Readiness Campaign	\$0	\$0	\$
Total Readiness Campaign	\$0	\$0	\$
Information technology and Cybersecurity Information technology and Cybersecurity	\$31,880	\$30,797	\$30,79
Total Information technology and Cybersecurity	\$31,880	\$30,797	\$30,79
Infrastructure and Operations Infrastructure and Operations	\$736,975	\$718,993	\$822,52
Total Infrastructure and Operations	\$736,975	\$718,993	\$822,52
Secure Transportation Asset Secure Transportation Asset	\$211,025	\$129,786	\$193,62
Total Secure Transportation Asset	\$211,025	\$129,786	\$193,62
Advanced Manufacturing Development Advanced Manufacturing Development	\$33,250	\$18,281	\$11,75
Total Advanced Manufacturing Development	\$33,250	\$18,281	\$11,75
otal Weapons Activities	\$3,828,957	\$3,475,271	\$4,093,10
Other Defense Activities			
Environment, Health, Safety and Security Environment, Health, Safety and Security	\$2,305	\$2,305	\$2,30
Enterprise Assessments Enterprise Assessments	\$150	\$150	\$15
Total Enterprise Assessments	\$2,455	\$2,455	\$2,45
otal Other Defense Activities	\$2,455	\$2,455	\$2,45
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Defense Nuclear Nonproliferation

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State Table (Dollars In Thousands)

New Mexico

FY 2018 Congressional Budget

FY 2017	FY 2018
Annualized CR	Request

FY 2016

w Mexico	Enacted	Annualized CR	Paguest
	Enacleu	Annualized CR	Request
Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$0	\$0	\$0
Total Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$213,900	\$237,410	\$255,857
Total Defense Nuclear Nonproliferation R&D	\$213,900	\$237,410	\$255,857
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$37,343	\$39,759	\$45,738
Total Nuclear Counterterrorism and Incident Response	\$37,343	\$39,759	\$45,738
Global Material Security Global Material Security	\$139,122	\$181,999	\$164,408
Total Global Material Security	\$139,122	\$181,999	\$164,408
Material Management and Minimization Material Management and Minimization	\$48,547	\$42,527	\$66,801
Total Material Management and Minimization	\$48,547	\$42,527	\$66,801
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$32,741	\$32,678	\$32,976
Total Nonproliferation and Arms Control	\$32,741	\$32,678	\$32,976
Total Defense Nuclear Nonproliferation	\$471,653	\$534,373	\$565,780
Federal Salaries and Expenses Federal Salaries and Expenses	605 704	007.054	\$00.0 7 4
Federal Salaries and Expenses	\$35,731	\$37,354	\$39,071
Total Federal Salaries and Expenses	\$35,731	\$37,354	\$39,071
Total Federal Salaries and Expenses	\$35,731	\$37,354	\$39,071
Office of the Administrator Office of the Administrator	\$ 0	\$ 0	¢0
Office of the Administrator	\$0	\$0	\$0
Total Office of the Administrator	\$0	\$0	\$0
Total Office of the Administrator	\$0	\$0	\$0
Departmental Administration Office of Indian Energy Policy & Programs Office of Indian Energy Policy & Programs	\$825	\$750	\$700
Total Office of Indian Energy Policy & Programs			
Strategic Partnership Projects	\$825	\$750	\$700
Strategic Partnership Projects	\$6,630	\$6,630	\$8,500

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State Table

(Dollars In Thousands)

FY 2018 Congressional Budget

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w Mexico	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Total Strategic Partnership Projects	\$6,630	\$6,630	\$8,500
Total Departmental Administration	\$7,455	\$7,380	\$9,200
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance			
Systems Operation and Maintenance	\$13	\$3	\$11
Total Systems Operation and Maintenance	\$13	\$3	\$11
Total Western Area Power Admin. Const.,Rehab.,O&M	\$13	\$3	\$11
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$15,792	\$16,242	\$14,663
Total Equipment, Contracts and Other Related Expenses	\$15,792	\$16,242	\$14,663
Program Direction			
Program Direction	\$803	\$813	\$762
Total Program Direction	\$803	\$813	\$762
Total Colorado River Basins Power Marketing Fund	\$16,595	\$17,055	\$15,425
Fossil Energy Research and Development CCS and Power Systems Carbon Storage Cross Cutting Reasearch	\$1,519 \$750	\$1,516 \$749	\$165 \$0
Total CCS and Power Systems	\$2,269	\$2,265	φ0 \$165
Total Fossil Energy Research and Development Defense Environmental Cleanup Waste Isolation Pilot Plant	\$2,269	\$2,265	\$165
Operation and Maintenance	\$299,978	\$299,408	\$316,571
Total Waste Isolation Pilot Plant	\$299,978	\$299,408	\$316,571
Program Direction Carlsbad Los Alamos	\$12,026 \$5,659	\$12,026 \$5,659	\$12,550 \$5,103
Total Program Direction	\$17,685	\$17,685	\$17,653
NNSA Sites NNSA Sites	\$187,500	\$187,143	\$194,229
Total NNSA Sites	\$187,500	\$187,143	\$194,229
Safeguards and Security Waste Isolation Pilot Plant	\$4,860	\$4,788	\$5,200
Total Safeguards and Security	\$4,860	\$4,788	\$5,200
Cyber Security Cyber Security	\$0	\$0	\$1,270

	Department Of Energy	5/18/2	2017
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	(Dollars In Thousands)		
w Mexico	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Total Cyber Security	\$0	\$0	\$1,270
Total Defense Environmental Cleanup	\$510,023	\$509,024	\$534,923
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$3,412	\$3,406	\$2,670
Total SPR Geotechnical Analytical Suppor	t \$3,412	\$3,406	\$2,670
Total Strategic Petroleum Reserve	\$3,412	\$3,406	\$2,670

Total New Mexico

\$5,091,669

\$4,798,524

\$5,391,281

	Department Of Energy	5/18/20	017
FY 2018 Congressional Budget		3:59:56PM	
	State Table	Page 7	77 of 124
	(Dollars In Thousands)		
w York	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Non-Defense Environmental Cleanup			
West Valley Demonstration Project			
West Valley Demonstration Project	\$59,213	\$59,101	\$60,58
Total West Valley Demonstration Project	\$59,213	\$59,101	\$60,58
Small Sites			
Small Sites	\$0	\$0	\$2,00
Total Small Sites	\$0	\$0	\$2,00
Total Non-Defense Environmental Cleanup	\$59,213	\$59,101	\$62,58
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$346	\$345	\$30
Resilient Distribution Systems	\$160	\$160	\$8
Cybersecurity for Energy Delivery System		\$111	\$
Energy Storage	\$4	\$4	\$
Transmission Permitting and Technical A	ssistance \$7	\$7	\$
Total Electricity Delivery and Energy Reliabil	ity \$628	\$627	\$38
Total Electricity Delivery and Energy Reliability	\$628	\$627	\$38
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$2,145	\$2,100	\$1,44
Total Fuel Cycle R & D	\$2,145	\$2,100	\$1,44
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$85	\$85	\$8
Total Reactors Concepts RD&D	\$85	\$85	\$8
International Nuclear Energy Cooperation International Nuclear Energy Cooperatior	n \$0	\$30	\$
Total International Nuclear Energy Cooperation		\$30	\$
Total Nuclear Energy	\$2,230	\$2,215	\$1,53
Energy Efficiency and Renewable Energy	Ψ_,0	<i>\\</i> 2,210	φ1,00
Energy Efficiency and Renewable Energy			
Geothermal Technologies	\$500	\$425	\$42
Hydrogen & Fuel Cell Technologies	\$1,300	\$819	\$5
Vehicle Technologies	\$2,052	\$1,768	پې \$1,30
Weatherization Assistance	\$18,794	\$18,700	ψ1,50 \$
State Energy Program	\$16,794 \$2,158	\$2,158	φ \$
Total Energy Efficiency and Renewable Ener	<i>'gy</i> \$24,804	\$23,870	\$1,77
Total Energy Efficiency and Renewable Energy	\$24,804	\$23,870	\$1,77
Science			

Science

Advanced Scientific Computing Research

FY 2018 Congressional Budget

State Table

(Dollars In Thousands)

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FY 2016 FY 2017 FY 2018 New York Enacted Annualized CR Request Advanced Scientific Computing Research \$1,321 \$1,480 \$0 Total Advanced Scientific Computing Research \$1,321 \$1,480 \$0 **Basic Energy Sciences Basic Energy Sciences** \$212,761 \$190,481 \$151,617 Total Basic Energy Sciences \$212,761 \$190,481 \$151,617 **Biological and Environmental Research Biological and Environmental Research** \$19.357 \$12.465 \$9.106 Total Biological and Environmental Research \$19,357 \$12,465 \$9,106 **Fusion Energy Sciences Fusion Energy Sciences** \$4,222 \$2,238 \$7,454 Total Fusion Energy Sciences \$7,454 \$4,222 \$2,238 **High Energy Physics High Energy Physics** \$80,166 \$74,105 \$49,950 Total High Energy Physics \$49,950 \$80,166 \$74,105 **Nuclear Physics** \$195,849 \$176,245 Nuclear Physics \$192,161 Total Nuclear Physics \$176,245 \$195,849 \$192,161 Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists \$1,964 \$1,310 \$0 Total Workforce Development for Teachers and Scientists \$1,964 \$1,310 \$0 Science Laboratories Infrastructure Science Laboratories Infrastructure \$0 \$0 \$1,500 Total Science Laboratories Infrastructure \$0 \$1,500 \$0 Safequards and Security Safeguards and Security \$13,416 \$12,369 \$12,413 Total Safeguards and Security \$13,416 \$12,369 \$12,413 **Program Direction Program Direction** \$4,262 \$4,814 \$4,485 Total Program Direction \$4,262 \$4,814 \$4,485 Total Science \$536,550 \$493,407 \$407,554 Weapons Activities Inertial Confinement Fusion Ignition High Yield Inertial Confinement Fusion Ignition High Yield Campaign \$64,264 \$62,800 \$66,852 Total Inertial Confinement Fusion Ignition High Yield \$64,264 \$66,852 \$62,800 Infrastructure and Operations Infrastructure and Operations \$200 \$216 \$275 Total Infrastructure and Operations \$200 \$216 \$275

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State Table (Dollars In Thousands)

FY 2018 Congressional Budget

w York	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Total Weapons Activities	\$64,464	\$63,016	\$67,127
Other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security	\$250	\$250	\$250
Total Environment, Health, Safety and Security	\$250	\$250	\$250
Total Other Defense Activities	\$250	\$250	\$250
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$0	\$0	\$0
Total Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$2,542	\$2,532	\$2,729
Total Defense Nuclear Nonproliferation R&D	\$2,542	\$2,532	\$2,729
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$2,670	\$1,999	\$2,310
Total Nuclear Counterterrorism and Incident Response	\$2,670	\$1,999	\$2,310
Global Material Security Global Material Security	\$1,344	\$792	\$546
Total Global Material Security	\$1,344	\$792	\$546
Material Management and Minimization Material Management and Minimization	\$703	\$781	\$593
Total Material Management and Minimization	\$703	\$781	\$593
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$4,067	\$3,785	\$3,820
Total Nonproliferation and Arms Control	\$4,067	\$3,785	\$3,820
Total Defense Nuclear Nonproliferation	\$11,326	\$9,889	\$9,998
Naval Reactors Naval Reactors Program			
Naval Reactors Program	\$596,959	\$574,568	\$601,952
Total Naval Reactors Program	\$596,959	\$574,568	\$601,952
Total Naval Reactors	\$596,959	\$574,568	\$601,952
Fossil Energy Research and Development CCS and Power Systems Carbon Capture	\$6,373	\$6,360	\$0

FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

w York	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Cross Cutting Reasearch	\$287	\$286	\$287
Total CCS and Power Systems	\$6,660	\$6,646	\$287
Total Fossil Energy Research and Development	\$6,660	\$6,646	\$287
Defense Environmental Cleanup NNSA Sites NNSA Sites	\$0	\$0	¢1 900
Total NNSA Sites	¥ -	• -	\$1,800
	\$0	\$0	\$1,800
Safeguards and Security West Valley	\$2,591	\$2,586	\$2,784
Total Safeguards and Security	\$2,591	\$2,586	\$2,784
Cyber Security Cyber Security	\$0	\$0	\$314
Total Cyber Security	\$0	\$0	\$314
Total Defense Environmental Cleanup	\$2,591	\$2,586	\$4,898
Energy Information Administration Energy Information Administration	\$005	#005	\$ 005
National Energy Information System	\$665	\$665	\$665
Total Energy Information Administration	\$665	\$665	\$665
Total Energy Information Administration	\$665	\$665	\$665
al New York	\$1,306,340	\$1,236,840	\$1,159,006

Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Total Energy Efficiency and Renewable Energy Science Advanced Scientific Computing Research Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Science Total Basic Energy Sciences Sciences Total Bological and Environmental Research Science High Energy Physics High Energy Physics Nuclear Physics Science Total Nuclear Physics Science Total Science Science Total Action Sciences Science Total Basic Energy Sciences Sciences Total Basic Energy Sciences Sciences Total Basic Energy Sciences Science Total Biological and Environmental Research Science Biological and Environmental Research Science Total Biological and Environmental Research Science Total Nuclear Physics Science Total Nuclear Physics Science Total Nuclear Physics Science Southe	Y 2016 nacted \$3,917 \$898 \$4,815 \$4,815 \$150 \$150 \$5,710 \$5,710 \$5,710 \$1,421	FY 2017 Annualized CR \$3,897 \$898 \$4,795 \$4,795 \$4,795 \$0 \$0 \$0 \$0 \$5,580 \$5,580 \$1,528	6PM 31 of 124 FY 2017 Reques \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$5,484 \$5,484 \$5,484 \$5,484 \$5,484 \$5,484 \$5,484
(Dollars In Thousands) rth Carolina F Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Total Energy Efficiency and Renewable Energy Science Advanced Scientific Computing Research Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research High Energy Physics High Energy Physics Nuclear Physics Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling	nacted \$3,917 \$898 \$4,815 \$4,815 \$150 \$150 \$5,710 \$5,710 \$1,421	FY 2017 Annualized CR \$3,897 \$898 \$4,795 \$4,795 \$4,795 \$0 \$0 \$0 \$0 \$5,580 \$5,580 \$1,528	FY 201 Reques \$(\$(\$(\$(\$(\$(\$5,484 \$5,484
Inth Carolina E Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program State Energy Program Total Energy Efficiency and Renewable Energy State Energy Science Advanced Scientific Computing Research Advanced Scientific Computing Research Advanced Scientific Computing Research Total Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences State Energy Sciences Biological and Environmental Research State Biological and Environmental Research High Energy Physics High Energy Physics Total High Energy Physics State Physics Total Science \$ Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling Total Purchase Power and Wheeling	nacted \$3,917 \$898 \$4,815 \$4,815 \$150 \$150 \$5,710 \$5,710 \$1,421	Annualized CR \$3,897 \$898 \$4,795 \$4,795 \$0 \$0 \$0 \$0 \$5,580 \$5,580 \$1,528	Reques
Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Total Energy Efficiency and Renewable Energy Science Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research High Energy Physics Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$898 \$4,815 \$4,815 \$150 \$150 \$5,710 \$5,710 \$1,421	\$898 \$4,795 \$4,795 \$0 \$0 \$0 \$5,580 \$5,580 \$1,528	\$(\$(\$(\$(\$(\$5,484 \$5,484
Weatherization Assistance State Energy Program Total Energy Efficiency and Renewable Energy Science Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research High Energy Physics High Energy Physics Nuclear Physics Total Nuclear Physics Total Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling	\$898 \$4,815 \$4,815 \$150 \$150 \$5,710 \$5,710 \$1,421	\$898 \$4,795 \$4,795 \$0 \$0 \$0 \$5,580 \$5,580 \$1,528	\$(\$(\$(\$(\$(\$5,484 \$5,484
State Energy Program Total Energy Efficiency and Renewable Energy Science Advanced Scientific Computing Research Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research High Energy Physics High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$898 \$4,815 \$4,815 \$150 \$150 \$5,710 \$5,710 \$1,421	\$898 \$4,795 \$4,795 \$0 \$0 \$0 \$5,580 \$5,580 \$1,528	\$ \$ \$ \$ \$5,48 \$5,48
Total Energy Efficiency and Renewable Energy Total Energy Efficiency and Renewable Energy Science Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research High Energy Physics High Energy Physics Nuclear Physics Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$4,815 \$4,815 \$150 \$150 \$5,710 \$5,710 \$1,421	\$4,795 \$4,795 \$0 \$0 \$5,580 \$5,580 \$1,528	\$ \$ \$ \$5,48 \$5,48
Total Energy Efficiency and Renewable Energy Science Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research High Energy Physics High Energy Physics Nuclear Physics Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$4,815 \$150 \$150 \$5,710 \$5,710 \$1,421	\$4,795 \$0 \$0 \$5,580 \$5,580 \$1,528	\$ \$ \$5,48 \$5,48
Science Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Total Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research High Energy Physics High Energy Physics Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$150 \$150 \$5,710 \$5,710 \$1,421	\$0 \$0 \$5,580 \$5,580 \$1,528	\$ \$ \$5,48 \$5,48
Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Total Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research High Energy Physics High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science \$ Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$150 \$5,710 \$5,710 \$5,710 \$1,421	\$0 \$5,580 \$5,580 \$1,528	\$ \$5,48 \$5,48
Advanced Scientific Computing Research Total Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Total Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research Total Biological and Environmental Research High Energy Physics High Energy Physics Nuclear Physics Nuclear Physics Total Science \$ Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$150 \$5,710 \$5,710 \$5,710 \$1,421	\$0 \$5,580 \$5,580 \$1,528	\$5,484 \$5,484 \$5,484
Advanced Scientific Computing Research Total Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Total Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research Total Biological and Environmental Research High Energy Physics High Energy Physics Nuclear Physics Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$150 \$5,710 \$5,710 \$5,710 \$1,421	\$0 \$5,580 \$5,580 \$1,528	\$5,484 \$5,484 \$5,484
Basic Energy Sciences Basic Energy Sciences Total Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research Total Biological and Environmental Research High Energy Physics High Energy Physics Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science \$ Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$5,710 \$5,710 \$1,421	\$5,580 \$5,580 \$1,528	\$5,484 \$5,484
Basic Energy Sciences Total Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research Total Biological and Environmental Research High Energy Physics High Energy Physics Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science \$ Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$5,710 \$1,421	\$5,580 \$1,528	\$5,484
Total Basic Energy Sciences Biological and Environmental Research Biological and Environmental Research Total Biological and Environmental Research High Energy Physics High Energy Physics Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science \$ Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling	\$5,710 \$1,421	\$5,580 \$1,528	\$5,484
Biological and Environmental Research Biological and Environmental Research Total Biological and Environmental Research High Energy Physics High Energy Physics Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science \$ Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling	\$1,421	\$1,528	
Biological and Environmental Research Total Biological and Environmental Research High Energy Physics High Energy Physics Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling			\$
Total Biological and Environmental Research High Energy Physics High Energy Physics Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling			\$0
High Energy Physics High Energy Physics Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling	\$1,421		
High Energy Physics Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Nuclear Physics Total Science \$ Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling Total Purchase Power and Wheeling		\$1,528	\$0
Total High Energy Physics Nuclear Physics Nuclear Physics Total Nuclear Physics Total Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Total Purchase Power and Wheeling			
Nuclear Physics Nuclear Physics Total Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling Total Purchase Power and Wheeling	\$1,375	\$1,505	\$90
Nuclear Physics Total Nuclear Physics Total Science Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling Total Purchase Power and Wheeling	\$1,375	\$1,505	\$90
Total Nuclear Physics Total Science \$ Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling Total Purchase Power and Wheeling			
Total Science \$ Southeastern Power Admin Operation & Maint. \$ Purchase Power and Wheeling \$ Purchase Power and Wheeling \$ Total Purchase Power and Wheeling \$	\$8,803	\$5,501	\$0
Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling Total Purchase Power and Wheeling	\$8,803	\$5,501	\$0
Purchase Power and Wheeling Purchase Power and Wheeling Total Purchase Power and Wheeling	17,459	\$14,114	\$6,384
Purchase Power and Wheeling Purchase Power and Wheeling Total Purchase Power and Wheeling			
Purchase Power and Wheeling Total Purchase Power and Wheeling			
	\$2,390	\$2,386	\$1,99 ⁻
Total Southeastern Power Admin Operation & Maint.	\$2,390	\$2,386	\$1,99 ⁻
	\$2,390	\$2,386	\$1,99
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$271	\$270	\$
Advanced Energy Systems	\$7,000	\$6,987	\$
Total CCS and Power Systems		\$7,257	\$
Total Fossil Energy Research and Development	\$7,271	+ ·)= - ·	
al North Carolina \$	\$7,271 \$7,271	\$7,257	\$0

Int Dakota Enacted Annualized CR Reque Energy Efficiency and Renewable Energy Weatherization Assistance \$2,328 \$2,316 \$ Total Energy Program \$2288 \$2288 \$ \$ Total Energy Efficiency and Renewable Energy \$2,616 \$2,604 \$ \$ Total Energy Efficiency and Renewable Energy \$2,616 \$2,604 \$ \$ Science Basic Energy Sciences \$150 \$150 \$15 Total Basic Energy Sciences \$150 \$150 \$15 Total Science \$150 \$150 \$15 Vestem Area Power Admin. Const. Rehab., 0&M \$ \$ \$ Systems Operation and Maintenance \$72,804 \$72,906 \$ \$ Program Direction \$ \$ \$ \$ \$ \$ Total Vstem Area Power Admin. Const., Rehab., 0&M \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		Department Of Energy	5/18/2	017																																																																																																																																												
(Dollars In Thousands) FY 2016 Energy Efficiency and Renewable Energy FY 2017 Enacted FY 2017 Annualized CR FY 2017 Reque Energy Efficiency and Renewable Energy S2,328 \$2,316 \$ State Energy Program \$288 \$288 \$ Total Energy Efficiency and Renewable Energy \$2,616 \$2,604 \$ Science Basic Energy Sciences \$150 \$150 \$155 Total Energy Efficiency and Renewable Energy \$2,616 \$2,604 \$ Science Basic Energy Sciences \$150 \$150 \$155 Total Basic Energy Sciences \$150 \$150 \$155 Total Science \$150 \$150 \$155 Systems Operation and Maintenance \$72,804 \$72,096 \$40,99 Program Direction \$12,512 \$11,847 \$12,30 Program Direction \$12,512 \$11,847 \$12,30 Total Western Area Power Admin. Const., Rehab., O&M \$85,316 \$83,943 \$53,29 Colorado River Basins Power Marketing Fund \$12,512 \$11,847 \$12,30 Total Program Direction \$12,512 \$11,847 \$12,30 Total Western Area Power Admin. Const., Rehab., O&M \$85,316 \$83,993 \$53,29 Colorado River Basins	FY 201	8 Congressional Budget	3:59:5	56PM																																																																																																																																												
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Department Of Energy		5/18/2017	
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(Dollars	In Thousands)		
Northern Mariana Islands	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$177	\$176	\$0
State Energy Program	\$195	\$195	\$0
Total Energy Efficiency and Renewable Energy	\$372	\$371	\$0
Total Energy Efficiency and Renewable Energy	\$372	\$371	\$0
Total Northern Mariana Islands	\$372	\$371	\$0

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(Dollars In T	Thousands)		
Dhio	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Non-Defense Environmental Cleanup			
Gaseous Diffusion Plants			
Gaseous Diffusion Plants	\$51,517	\$51,419	\$50,611
Total Gaseous Diffusion Plants	\$51,517	\$51,419	\$50,611
Small Sites			
Small Sites	\$9,500	\$9,482	\$0
Total Small Sites	\$9,500	\$9,482	\$C
Total Non-Defense Environmental Cleanup	\$61,017	\$60,901	\$50,611
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	* 40.0 7 0	* 4 0 0 0 7	.
Weatherization Assistance State Energy Program	\$12,670 \$1,493	\$12,607 \$1,493	\$C \$C
			ማር
Total Energy Efficiency and Renewable Energy	\$14,163	\$14,100	\$C
Total Energy Efficiency and Renewable Energy	\$14,163	\$14,100	\$C
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund	¢4 705	¢4 705	¢4 705
Pens & Comm & Reg Support Portsmouth Portsmouth Gaseous Diffusion Plant	\$1,795 \$225,166	\$1,795 \$318,431	\$1,795 \$351,271
Total Uranium Enrichment D&D Fund	\$226,961	\$320,226	\$353,066
Total Uranium Enrichment Decon. & Decom. Fund	\$226,961	\$320,226	\$353,066
Science			
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$150	\$0	\$C
Total Advanced Scientific Computing Research	· · ·		
Basic Energy Sciences	\$150	\$0	\$C
Basic Energy Sciences	\$7,478	\$7,822	\$7,945
Total Basic Energy Sciences	\$7,478	\$7,822	\$7,945
Biological and Environmental Research			
Biological and Environmental Research	\$1,665	\$1,547	\$1,038
Total Biological and Environmental Research	\$1,665	\$1,547	\$1,038
High Energy Physics High Energy Physics	\$4,918	\$2,675	\$1,825
Total High Energy Physics	\$4,918	\$2,675	\$1,825
Nuclear Physics			
Nuclear Physics	\$1,652	\$1,719	\$C
Total Nuclear Physics	\$1,652	\$1,719	\$C
Total Science	\$15,863	\$13,763	\$10,808

Department Of Energy		5/18/2017	
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(Dollars In Thousands)			
	FY 2016	FY 2017	FY 2018

o	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Other Defense Activities	Endoted		Reques
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$5	\$5	\$
Total Environment, Health, Safety and Security	\$5	\$5	\$
Office of Legacy Management			
Legacy Management	\$37,496	\$30,819	\$30,434
Total Office of Legacy Management	\$37,496	\$30,819	\$30,434
Total Other Defense Activities	\$37,501	\$30,824	\$30,43
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$500	\$499	\$0
Carbon Storage	\$2,105	\$2,101	\$0
Cross Cutting Reasearch	\$2,884	\$2,879	\$1,20
Total CCS and Power Systems	\$5,489	\$5,479	\$1,20
Natural Gas Technologies	* • • • •	6 000	•
Natural Gas Technologies	\$810	\$808	\$
Total Natural Gas Technologies	\$810	\$808	\$
Unconventional FE Technologies from Petroleum – Oil			
Unconventional FE Technologies from Petroleum – Oil	\$0	\$0	\$3,00
Total Unconventional FE Technologies from Petroleum – Oil	\$0	\$0	\$3,000
Total Fossil Energy Research and Development	\$6,299	\$6,287	\$4,20
Defense Environmental Cleanup			
Closure Sites			
Fernald	\$1,300	\$1,298	\$1,00
Miamisburg	\$0	\$0	\$
Total Closure Sites	\$1,300	\$1,298	\$1,00
Program Direction Consolidated Business Center	\$32,982	\$32,982	\$33,55
Total Program Direction			
Safeguards and Security	\$32,982	\$32,982	\$33,55
Portsmouth	\$10,492	\$10,200	\$12,71
Total Safeguards and Security	\$10,492	\$10,200	\$12,71
Cyber Security			
Cyber Security	\$0	\$0	\$1,54
Total Cyber Security	\$0	\$0	\$1,54
Total Defense Environmental Cleanup	\$44,774	\$44,480	\$48,81
al Ohio	\$406,578	\$490,581	\$497,944

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(Dollars In Thousa	nds)		
Dklahoma	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$2,427	\$2,415	\$
State Energy Program	\$560	\$560	\$
Total Energy Efficiency and Renewable Energy	\$2,987	\$2,975	\$
Total Energy Efficiency and Renewable Energy	\$2,987	\$2,975	\$
Science			
Basic Energy Sciences Basic Energy Sciences	\$1,057	\$997	\$45
Total Basic Energy Sciences	\$1,057	\$997	\$45
High Energy Physics	¢ 1,001	<i>\</i> \\\\\\\\\\\\\	ţ.c
High Energy Physics	\$945	\$990	\$
Total High Energy Physics	\$945	\$990	\$
Total Science	\$2,002	\$1,987	\$45
Southwestern Power Admin Operation & Maint.			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$8,186	\$7,681	\$6,55
Total Systems Operation and Maintenance	\$8,186	\$7,681	\$6,55
SWPA Construction	AF 404	A (B A B	*• • • •
Construction	\$5,404	\$4,797	\$6,10
Total SWPA Construction	\$5,404	\$4,797	\$6,10
Program Direction		* (0 0 0 0	* (* *
Program Direction	\$19,761	\$19,362	\$19,72
Total Program Direction	\$19,761	\$19,362	\$19,72
Total Southwestern Power Admin Operation & Maint.	\$33,351	\$31,840	\$32,37
Fossil Energy Research and Development			
Natural Gas Technologies	AF 000	AF (00)	•
Natural Gas Technologies	\$5,200	\$5,190	\$
Total Natural Gas Technologies	\$5,200	\$5,190	\$
Total Fossil Energy Research and Development	\$5,200	\$5,190	\$
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support	±	• · · -	. .
SPR - Facilities Development	\$446	\$445	\$45
Total SPR Geotechnical Analytical Support	\$446	\$445	\$45
Total Strategic Petroleum Reserve	\$446	\$445	\$45
otal Oklahoma	\$43,986	\$42,437	\$33,29
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Department	Of Energy	5/18/2	017
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State Tabl (Dollars In Thous	-	Page 8	37 of 124
egon	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$2,697	\$2,683	\$
State Energy Program	\$507	\$507	\$
Total Energy Efficiency and Renewable Energy	\$3,204	\$3,190	\$
Total Energy Efficiency and Renewable Energy	\$3,204	\$3,190	\$
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$1,862	\$1,065	\$13
Total Basic Energy Sciences	\$1,862	\$1,065	\$13
Biological and Environmental Research Biological and Environmental Research	\$255	\$0	\$
Total Biological and Environmental Research	\$255	\$0	\$
High Energy Physics			
High Energy Physics	\$1,035	\$850	\$70
Total High Energy Physics	\$1,035	\$850	\$70
Total Science	\$3,152	\$1,915	\$83
Fossil Energy Research and Development			
CCS and Power Systems			
Cross Cutting Reasearch	\$175	\$175	\$17
Total CCS and Power Systems	\$175	\$175	\$17
Total Fossil Energy Research and Development	\$175	\$175	\$17
tal Oregon	\$6,531	\$5,280	\$1,00

Innsylvania Enacted Annualized CR Reque Energy Efficiency and Renewable Energy Weatherization Assistance \$13,754 \$13,686 \$ Total Energy Efficiency and Renewable Energy \$15,278 \$15,270 \$ Total Energy Efficiency and Renewable Energy \$15,278 \$15,270 \$ Science Advanced Scientific Computing Research \$ \$ \$ Advanced Scientific Computing Research \$ \$ \$ \$ Advanced Scientific Computing Research \$ \$ \$ \$ Basic Energy Sciences \$ \$ \$ \$ \$ Basic Energy Sciences \$ \$ \$ \$ \$ \$ Biological and Environmental Research \$ <t< th=""><th></th><th>Department Of Energy</th><th></th><th>5/18/2</th><th>2017</th></t<>		Department Of Energy		5/18/2	2017
(Dollars In Thousands) FY 2016 Energy Efficiency and Renewable Energy FY 2017 Energy Efficiency and Renewable Energy FY 2017 Energy Efficiency and Renewable Energy S13,754 S13,754 S13,686 S Total Energy Efficiency and Renewable Energy \$1,524 \$1,524 \$1,524 \$1,524 \$1,524 \$1,524 \$1,524 \$1,524 \$1,524 \$1,524 \$1,524 \$1,521 \$1,521 \$1,521 \$1,527 \$1,5210 \$1,527 \$1,5210 \$5 \$1,521 \$1,527 \$1,5210 \$1,526 \$1,5210 \$1,527 \$1,5210 \$1,527 \$1,5210 \$1,527 \$1,5210 \$1,526 \$1,5210 \$1,527 \$1,5210 \$1,527 \$1,5210 \$1,527 \$1,5210 \$1,527 \$1,5210 \$1,527 \$1,026 \$1,5210 \$1,527 \$1,026 \$1,5210 \$1,527 \$1,026 \$1,5216 \$1,527 \$1,5210 \$1,527 \$1,026 \$1,527 \$1,026 \$1,527 \$1,026 \$1,527 \$1,026 \$1,527 \$1,026 \$1,527 \$1,026 \$1,527 \$1,026 \$1,52,06 \$1,52,06		FY 2018 Congressional Budget		3:59:	56PM
Innsylvania Enacted Annualized CR Reque Energy Efficiency and Renewable Energy Weatherization Assistance \$13,754 \$13,686 \$ Total Energy Efficiency and Renewable Energy \$15,278 \$15,270 \$ Total Energy Efficiency and Renewable Energy \$15,278 \$15,270 \$ Science Advanced Scientific Computing Research \$ \$ \$ Advanced Scientific Computing Research \$ \$ \$ \$ Advanced Scientific Computing Research \$ \$ \$ \$ Basic Energy Sciences \$ \$ \$ \$ \$ Basic Energy Sciences \$ \$ \$ \$ \$ \$ Biological and Environmental Research \$ <t< th=""><th></th><th></th><th></th><th>Page</th><th>88 of 124</th></t<>				Page	88 of 124
Energy Efficiency and Renewable Energy Weatherization Assistance \$13,754 \$13,866 \$ \$15,24 \$13,754 \$13,866 \$ \$15,24 \$15,224 \$ \$15,224 \$ \$15,226 \$ \$15,210 \$ \$ \$ Total Energy Efficiency and Renewable Energy \$ \$15,276 \$ \$15,276 \$ \$15,276 \$ \$15,270 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ennsylvania				FY 201 Reques
Weatherization Assistance \$13,754 \$13,754 \$13,686 \$ State Energy Program \$1,524 \$1,524 \$ \$ Total Energy Efficiency and Renewable Energy \$15,278 \$15,270 \$ Science Advanced Scientific Computing Research \$1,841 \$450 \$ Advanced Scientific Computing Research \$1,841 \$450 \$ \$ Basic Energy Sciences \$ \$16,394 \$12,067 \$10,08 Basic Energy Sciences \$ \$16,394 \$12,067 \$10,08 Biological and Environmental Research \$1,138 \$0 \$ \$ Biological and Environmental Research \$1,138 \$0 \$ \$ Fusion Energy Sciences \$1,099 \$315 \$ \$ Fusion Energy Sciences \$1,099 \$	Energy Efficiency and Renewable Energy	ду			
State Energy Program \$1,524 \$1,524 \$1,524 \$1 Total Energy Efficiency and Renewable Energy \$15,278 \$15,270 \$ \$ Total Energy Efficiency and Renewable Energy \$15,278 \$15,270 \$ \$ Science Advanced Scientific Computing Research \$1,841 \$450 \$ Advanced Scientific Computing Research \$1,841 \$450 \$ \$ Basic Energy Sciences \$ \$16,394 \$12,067 \$10,08 Biological and Environmental Research \$1,138 \$0 \$ \$ Biological and Environmental Research \$1,138 \$0 \$ \$ Fusion Energy Sciences \$1,909 \$315 \$30 \$ \$ Fusion Energy Sciences \$1,909 \$315 \$30 \$ \$ High Energy Physics \$6,472 \$5,890 \$3,84 \$ \$ Nuclear Physics \$2,453 \$1,740 \$ \$ \$ Nuclear Physics \$2,453 \$1,740 \$ <td< td=""><td></td><td>nergy</td><td></td><td></td><td></td></td<>		nergy			
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Advanced Scientific Computing Research\$1.841\$450\$Advanced Scientific Computing Research\$1.841\$450\$Total Advanced Scientific Computing Research\$1.841\$450\$Basic Energy Sciences\$16,394\$12,067\$10.08Biological and Environmental Research\$1,138\$0\$Biological and Environmental Research\$1,138\$0\$Fusion Energy Sciences\$1,909\$315\$30Fusion Energy Sciences\$1,909\$315\$30Fusion Energy Sciences\$1,909\$315\$30Fusion Energy Sciences\$1,909\$315\$30Fusion Energy Sciences\$1,909\$315\$30Fusion Energy Sciences\$1,909\$315\$30Fusion Energy Physics\$6,472\$5,890\$3,84Total High Energy Physics\$6,472\$5,890\$3,84Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$1,450\$432\$33Total Nuclear Operations\$1,450\$432\$33Infrastructure and Operations\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Naval Reactors Program <td></td> <td>Energy</td> <td>\$15,278</td> <td>\$15,210</td> <td>\$</td>		Energy	\$15,278	\$15,210	\$
Total Advanced Scientific Computing Research\$1,841\$450\$Basic Energy Sciences\$16,394\$12,067\$10,08Basic Energy Sciences\$16,394\$12,067\$10,08Biological and Environmental Research\$1,138\$0\$Biological and Environmental Research\$1,138\$0\$Fusion Energy Sciences\$1,138\$0\$Fusion Energy Sciences\$1,138\$0\$Fusion Energy Sciences\$1,909\$315\$30Total Fusion Energy Sciences\$1,909\$315\$30Total Fusion Energy Sciences\$1,909\$315\$30Total High Energy Physics\$6,472\$5,890\$3,84Total High Energy Physics\$2,453\$1,740\$Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$1,450\$432\$33Total Nuclear Operations\$1,450\$432\$33Total Nuclear and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20		earch			
Basic Energy Sciences\$16,394\$12,067\$10,08Total Basic Energy Sciences\$16,394\$12,067\$10,08Biological and Environmental Research\$1,138\$0\$Biological and Environmental Research\$1,138\$0\$Biological and Environmental Research\$1,138\$0\$Fusion Energy Sciences\$1,909\$315\$30Fusion Energy Sciences\$1,909\$315\$30Total Biological Environmental Research\$1,909\$315\$30Total Fusion Energy Sciences\$1,909\$315\$30Fusion Energy Sciences\$1,909\$315\$30Total High Energy Physics\$6,472\$5,890\$3,84Nuclear Physics\$2,453\$1,740\$Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Operations\$1,450\$432\$33Total Nuclear Operations\$1,450\$432\$33Total Nuclear Operations\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20	Advanced Scientific Computing	Research	\$1,841	\$450	\$
Basic Energy Sciences \$16,394 \$12,067 \$10,08 Total Basic Energy Sciences \$16,394 \$12,067 \$10,08 Biological and Environmental Research \$1,138 \$0 \$ Total Biological and Environmental Research \$1,138 \$0 \$ Fusion Energy Sciences \$1,909 \$315 \$30 Fusion Energy Sciences \$1,909 \$315 \$30 Total Fusion Energy Sciences \$1,909 \$315 \$30 Total Fusion Energy Sciences \$1,909 \$315 \$30 High Energy Physics \$6,472 \$5,890 \$3,84 Total High Energy Physics \$6,472 \$5,890 \$3,84 Nuclear Physics \$2,453 \$1,740 \$ Nuclear Physics \$2,453 \$1,740 \$ Total Science \$30,207 \$20,462 \$14,22 Weapons Activities \$1,450 \$432 \$33 Infrastructure and Operations \$1,450 \$432 \$33 Total Meapons Activities \$1,450 \$432	Total Advanced Scientific Computing	g Research	\$1,841	\$450	\$
Biological and Environmental Research\$1,138\$0\$Biological and Environmental Research\$1,138\$0\$Total Biological and Environmental Research\$1,138\$0\$Fusion Energy Sciences\$1,909\$315\$30Fusion Energy Sciences\$1,909\$315\$30Total Fusion Energy Sciences\$1,909\$315\$30High Energy Physics\$6,472\$5,890\$3,84Total High Energy Physics\$6,472\$5,890\$3,84Nuclear Physics\$6,472\$5,890\$3,84Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Science\$30,207\$20,462\$14,22Weapons Activities\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20			\$16,394	\$12,067	\$10,08
Biological and Environmental Research\$1,138\$0\$Biological and Environmental Research\$1,138\$0\$Total Biological and Environmental Research\$1,138\$0\$Fusion Energy Sciences\$1,909\$315\$300Fusion Energy Sciences\$1,909\$315\$300Total Fusion Energy Sciences\$1,909\$315\$300High Energy Physics\$6,472\$5,890\$3,84Total High Energy Physics\$6,472\$5,890\$3,84Nuclear Physics\$6,472\$5,890\$3,84Nuclear Physics\$6,472\$5,890\$3,84Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Science\$30,207\$20,462\$14,22Weapons Activities\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20	Total Basic Energy Sciences		\$16,394	\$12,067	\$10,08
Fusion Energy Sciences\$1,909\$315\$300Total Fusion Energy Sciences\$1,909\$315\$300High Energy Physics\$6,472\$5,890\$3,84Total High Energy Physics\$6,472\$5,890\$3,84Nuclear Physics\$6,472\$5,890\$3,84Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Science\$30,207\$20,462\$14,22Weapons ActivitiesInfrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20	-				
Fusion Energy Sciences\$1,909\$315\$300Total Fusion Energy Sciences\$1,909\$315\$300High Energy Physics\$6,472\$5,890\$3,84Total High Energy Physics\$6,472\$5,890\$3,84Nuclear Physics\$6,472\$5,890\$3,84Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Science\$30,207\$20,462\$14,22Weapons ActivitiesInfrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20	Total Biological and Environmental I	Research	\$1 138	\$0	\$
Total Fusion Energy Sciences\$1,909\$315\$30High Energy Physics\$6,472\$5,890\$3,84High Energy Physics\$6,472\$5,890\$3,84Total High Energy Physics\$6,472\$5,890\$3,84Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Science\$30,207\$20,462\$14,22Weapons ActivitiesInfrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20	Fusion Energy Sciences				
High Energy Physics\$6,472\$5,890\$3,84Total High Energy Physics\$6,472\$5,890\$3,84Nuclear Physics\$6,472\$5,890\$3,84Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Nuclear Physics\$2,453\$1,740\$Total Science\$30,207\$20,462\$14,22Weapons ActivitiesInfrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20					
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Total Nuclear Physics\$2,453\$1,740Total Science\$30,207\$20,462\$14,22Weapons ActivitiesInfrastructure and Operations\$1,450\$432\$33Infrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Neapons Activities\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20					
Total Science\$30,207\$20,462\$14,22Weapons ActivitiesInfrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Total Naval Reactors Program\$485,696\$521,874\$556,200Total Naval Reactors Program\$485,696\$521,874\$556,200	Nuclear Physics		\$2,453	\$1,740	\$
Weapons ActivitiesInfrastructure and OperationsInfrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval ReactorsNaval Reactors ProgramNaval Reactors Program\$485,696\$521,874\$556,200\$485,696\$521,874\$556,200\$485,696\$521,874\$556,200\$485,696\$521,874\$556,200\$485,696\$521,874\$556,200\$485,696\$521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$5521,874\$556,200\$550,200\$550,200\$550,200\$550,200\$550,200\$550,200\$550,200\$550,200\$550,200 <tr< td=""><td>Total Nuclear Physics</td><td></td><td>\$2,453</td><td>\$1,740</td><td>\$</td></tr<>	Total Nuclear Physics		\$2,453	\$1,740	\$
Infrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Veapons Activities\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Naval Reactors\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20	Total Science		\$30,207	\$20,462	\$14,22
Infrastructure and Operations\$1,450\$432\$33Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Naval Reactors\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20	Weapons Activities				
Total Infrastructure and Operations\$1,450\$432\$33Total Weapons Activities\$1,450\$432\$33Naval Reactors\$1,450\$432\$33Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20	•				
Total Weapons Activities\$1,450\$432\$33Naval ReactorsNaval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20			\$1,450	\$432	\$33
Naval Reactors Naval Reactors Program Naval Reactors Program Total Naval Reactors Program \$485,696 \$521,874 \$556,20 \$485,696 \$521,874 \$556,20 \$556,20 \$521,874 \$556,20 \$556,20 \$521,874 \$556,20 \$5521,874 \$556,20 \$556,20 \$5521,874 \$556,20 \$556,20 \$5521,874 \$556,20 \$556,20 \$5521,874 \$556,20	Total Infrastructure and Operations		\$1,450	\$432	\$33
Naval Reactors Program\$485,696\$521,874\$556,20Total Naval Reactors Program\$485,696\$521,874\$556,20	Total Weapons Activities		\$1,450	\$432	\$33
Naval Reactors Program \$485,696 \$521,874 \$556,20 Total Naval Reactors Program \$485,696 \$521,874 \$556,20	Naval Reactors				
Total Naval Reactors Program \$485,696 \$521,874 \$556,20	-				
			\$485,696	\$521,874	\$556,20
Total Naval Reactors \$485.696 \$521.874 \$556.20	Total Naval Reactors Program		\$485,696	\$521,874	\$556,20
	Total Naval Reactors		\$485,696	\$521,874	\$556,20

Southeastern Power Admin. - Operation & Maint.

Department Of Energy		5/18/2017		
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	State Table		Page 8	39 of 124
	(Dollars In Thousands)			
		FY 2016	FY 2017	FY 2018
		Enacted	Annualized CR	Request
e Power and Wheeling				

Purchase Power and Wheeling			
Purchase Power and Wheeling	\$2,878	\$2,872	\$4,27
Total Purchase Power and Wheeling	\$2,878	\$2,872	\$4,27
Total Southeastern Power Admin Operation & Maint.	\$2,878	\$2,872	\$4,27
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$12,714	\$12,690	\$3,476
Advanced Energy Systems	\$6,629	\$6,617	\$1,824
Cross Cutting Reasearch	\$188	\$188	\$188
Total CCS and Power Systems	\$19,531	\$19,495	\$5,488
Total Fossil Energy Research and Development	\$19,531	\$19,495	\$5,488
al Pennsylvania	\$555,040	\$580,345	\$580,52

Pennsylvania

Dep	artment Of Energy	5/18/2	017
FY 2018 Co	ngressional Budget	3:59:6	56PM
Sta	ate Table	Page	90 of 124
(Dollars	s In Thousands)		
erto Rico	FY 2016	FY 2017	FY 201
	Enacted	Annualized CR	Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$797	\$793	\$0
State Energy Program	\$474	\$474	\$0
Total Energy Efficiency and Renewable Energy	\$1,271	\$1,267	\$0
Total Energy Efficiency and Renewable Energy	\$1,271	\$1,267	\$0
Science			
Biological and Environmental Research			
Biological and Environmental Research	\$105	\$106	\$0
Total Biological and Environmental Research	\$105	\$106	\$(
Total Science	\$105	\$106	\$0
tal Puerto Rico	\$1,376	\$1,373	\$0

Departm	nent Of Energy	5/18/2	017
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State		Page	91 of 124
(Dollars In T	housands)		
ode Island	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$1,094	\$1,089	\$
State Energy Program	\$303	\$303	\$
Total Energy Efficiency and Renewable Energy	\$1,397	\$1,392	\$
Total Energy Efficiency and Renewable Energy	\$1,397	\$1,392	\$
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$300	\$300	\$
Total Advanced Scientific Computing Research	\$300	\$300	\$
Basic Energy Sciences Basic Energy Sciences	\$2,128	\$2,090	\$10
Total Basic Energy Sciences	\$2,128	\$2,090	\$10
Biological and Environmental Research			
Biological and Environmental Research	\$158	\$60	\$
Total Biological and Environmental Research	\$158	\$60	\$
Fusion Energy Sciences			
Fusion Energy Sciences	\$10	\$0	\$
Total Fusion Energy Sciences	\$10	\$0	\$
High Energy Physics High Energy Physics	\$1,650	\$1,680	\$1,30
Total High Energy Physics	\$1,650	\$1,680	\$1,30
Total Science	\$4,246	\$4,130	\$1,40
Fossil Energy Research and Development			
Natural Gas Technologies	*=	AF	~
Natural Gas Technologies	\$5	\$5	\$
Total Natural Gas Technologies	\$5	\$5	\$
Total Fossil Energy Research and Development	\$5	\$5	\$
al Rhode Island	\$5,648	\$5,527	\$1,40

FY 2018 Congressional Budget

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State Table

(Dollars In Thousands)

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uth Carolina	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Resilient Distribution Systems	\$125	\$125	\$0
Cybersecurity for Energy Delivery Systems	\$106	\$106	\$0
Energy Storage	\$115	\$115	\$0
Transformer Resilience and Advanced Components	\$125	\$125	\$250
Total Electricity Delivery and Energy Reliability	\$471	\$471	\$250
Total Electricity Delivery and Energy Reliability	\$471	\$471	\$250
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$3,441	\$3,500	\$775
Total Fuel Cycle R & D	\$3,441	\$3,500	\$775
Total Nuclear Energy	\$3,441	\$3,500	\$775
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Hydrogen & Fuel Cell Technologies	\$3,100	\$800	\$195
Vehicle Technologies	\$0	\$53	\$0
Weatherization Assistance	\$1,667	\$1,658	\$0
State Energy Program	\$561	\$561	\$0
Bioenergy Technologies	\$310	\$290	\$0
Total Energy Efficiency and Renewable Energy	\$5,638	\$3,362	\$195
Total Energy Efficiency and Renewable Energy	\$5,638	\$3,362	\$195
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$359	\$0	\$0
Total Advanced Scientific Computing Research	\$359	\$0	\$0
Basic Energy Sciences	\$555	ψŪ	ψŪ
Basic Energy Sciences	\$4,142	\$4,037	\$1,720
Total Basic Energy Sciences	\$4,142	\$4,037	\$1,720
Biological and Environmental Research			
Biological and Environmental Research	\$338	\$0	\$0
Total Biological and Environmental Research	\$338	\$0	\$0
Fusion Energy Sciences			
Fusion Energy Sciences	\$425	\$425	\$0
Total Fusion Energy Sciences	\$425	\$425	\$0
High Energy Physics			
High Energy Physics	\$467	\$475	\$0
Total High Energy Physics	\$467	\$475	\$0

Nuclear Physics

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State Table (Dollars In Thousands)

uth Carolina	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Nuclear Physics	\$827	\$0	
Total Nuclear Physics	\$827	\$0	\$(
Total Science	\$6,558	\$4,937	\$1,720
Weapons Activities Directed Stockpile Work			
Directed Stockpile Work	\$110,461	\$99,738	\$126,584
Total Directed Stockpile Work	\$110,461	\$99,738	\$126,584
Science Science Campaign	\$0	\$300	\$700
Total Science	\$0	\$300	\$700
Engineering Engineering Campaign	\$1,542	\$1,542	\$1,706
Total Engineering	\$1,542	\$1,542	\$1,706
Defense Nuclear Security Defense Nuclear Security	\$6,830	\$6,967	\$7,106
Total Defense Nuclear Security	\$6,830	\$6,967	\$7,106
Readiness Campaign Readiness Campaign	\$0	\$0	\$0
Total Readiness Campaign	\$0	\$0	\$(
Information technology and Cybersecurity Information technology and Cybersecurity	\$4,000	\$5,568	\$5,568
Total Information technology and Cybersecurity	\$4,000	\$5,568	\$5,568
Infrastructure and Operations Infrastructure and Operations	\$110,925	\$117,673	\$154,910
Total Infrastructure and Operations	\$110,925	\$117,673	\$154,910
Advanced Manufacturing Development Advanced Manufacturing Development	\$8,200	\$7,631	\$5,081
Total Advanced Manufacturing Development	\$8,200	\$7,631	\$5,081
Total Weapons Activities	\$241,958	\$239,419	\$301,655
Other Defense Activities Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$510	\$510	\$510
Total Environment, Health, Safety and Security	\$510	\$510	\$510
Total Other Defense Activities	\$510	\$510	\$510
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$C

FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

uth Carolina	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Total Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$6,065	\$5,107	\$5,504
Total Defense Nuclear Nonproliferation R&D	\$6,065	\$5,107	\$5,504
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$2,110	\$2,398	\$2,771
Total Nuclear Counterterrorism and Incident Response	\$2,110	\$2,398	\$2,771
Global Material Security Global Material Security	\$182	\$470	\$169
Total Global Material Security	\$182	\$470	\$169
Material Management and Minimization Material Management and Minimization	\$44,846	\$42,458	\$69,557
Total Material Management and Minimization	\$44,846	\$42,458	\$69,557
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$5,210	\$3,959	\$3,995
Total Nonproliferation and Arms Control	\$5,210	\$3,959	\$3,995
Nonproliferation Construction Nonproliferation Construction	\$340,000	\$335,622	\$279,000
Total Nonproliferation Construction	\$340,000	\$335,622	\$279,000
Total Defense Nuclear Nonproliferation	\$398,413	\$390,014	\$360,996
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$4,829	\$5,151	\$5,529
Total Federal Salaries and Expenses	\$4,829	\$5,151	\$5,529
Total Federal Salaries and Expenses	\$4,829	\$5,151	\$5,529
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$0	\$0	\$0
Total Office of the Administrator	\$0	\$0	\$C
Total Office of the Administrator	\$0	\$0	\$0
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$6,700	\$6,700	\$6,700
Total Strategic Partnership Projects	\$6,700	\$6,700	\$6,700

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State Table (Dollars In Thousands)

FY 2018 Congressional Budget

uth Carolina	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Total Departmental Administration	\$6,700	\$6,700	\$6,700
Southeastern Power Admin Operation & Maint.			
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$635	\$634	\$633
Total Purchase Power and Wheeling	\$635	\$634	\$633
Total Southeastern Power Admin Operation & Maint.	\$635	\$634	\$633
Defense Environmental Cleanup			
Savannah River Sites			
Site Risk Management Operations	\$413,652	\$426,404	\$0
Community and Regulatory Support	\$11,249	\$11,228	\$11,249
Radioactive Liquid Tank Waste Stabilization and Disposition	\$783,520	\$768,492	\$787,758
Nuclear Material Management	\$0	\$0	\$323,482
Environmental Cleanup	\$0	\$0	\$159,978
Total Savannah River Sites	\$1,208,421	\$1,206,124	\$1,282,467
Program Direction			
Savannah River	\$46,191	\$46,191	\$46,351
Total Program Direction	\$46,191	\$46,191	\$46,351
Safeguards and Security			
Savannah River Site	\$128,145	\$128,534	\$142,314
Total Safeguards and Security	\$128,145	\$128,534	\$142,314
Cyber Security			
Cyber Security	\$0	\$0	\$22,810
Total Cyber Security	\$0	\$0	\$22,810
Total Defense Environmental Cleanup	\$1,382,757	\$1,380,849	\$1,493,942
al South Carolina	\$2,051,910	\$2,035,547	\$2,172,905

Depa	rtment Of Energy	5/18/2	017
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	te Table In Thousands)	Page	96 of 124
uth Dakota	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$1,777	\$1,768	\$
State Energy Program	\$278	\$278	\$
Total Energy Efficiency and Renewable Energy	\$2,055	\$2,046	\$
- Total Energy Efficiency and Renewable Energy	\$2,055	\$2,046	\$
Science			
High Energy Physics			
High Energy Physics	\$500	\$436	\$
Total High Energy Physics	\$500	\$436	\$0
Total Science	\$500	\$436	\$
Western Area Power Admin. Const.,Rehab.,O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$23,508	\$25,910	\$13,83
Total Systems Operation and Maintenance	\$23,508	\$25,910	\$13,83 [.]
Program Direction			
Program Direction	\$35,143	\$33,430	\$34,79
Total Program Direction	\$35,143	\$33,430	\$34,79
Total Western Area Power Admin. Const.,Rehab.,O&M	\$58,651	\$59,340	\$48,63
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$694	\$683	\$45
Total Equipment, Contracts and Other Related Expen	ses \$694	\$683	\$45
Total Colorado River Basins Power Marketing Fund	\$694	\$683	\$45
al South Dakota	\$61,900	\$62,505	\$49,09

Department Of Energy	,	5/18/2	017
FY 2018 Congressional Budge	et	3:59:5	56PM
State Table		Page 9	97 of 124
(Dollars In Thousands)			
nessee	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Non-Defense Environmental Cleanup			
Small Sites			
Oak Ridge – ETTP	\$6,000	\$5,989	\$
Total Small Sites	\$6,000	\$5,989	\$
Total Non-Defense Environmental Cleanup	\$6,000	\$5,989	\$
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$2,858	\$2,853	\$3,70
Resilient Distribution Systems	\$3,618	\$3,611	\$90
Cybersecurity for Energy Delivery Systems	\$207	\$207	\$
Energy Storage	\$2,817	\$2,812	\$60
Transformer Resilience and Advanced Components	\$1,425	\$1,422	\$1,50
Transmission Permitting and Technical Assistance	\$236	\$236	\$14
Infrastructure Security & Energy Restoration	\$2,282	\$2,278	\$2,50
Program Direction	\$20	\$20	\$
Total Electricity Delivery and Energy Reliability	\$13,463	\$13,439	\$9,34
Total Electricity Delivery and Energy Reliability	\$13,463	\$13,439	\$9,343
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$25,468	\$25,500	\$10,20
Total Fuel Cycle R & D			
-	\$25,468	\$25,500	\$10,20
Radiological Facilities Management	¢40.000	¢47.000	•
Radiological Facilities Management	\$18,080	\$17,966	\$
Total Radiological Facilities Management	\$18,080	\$17,966	\$
Program Direction-NE			
Program Direction-NE	\$1,405	\$1,375	\$1,27
Total Program Direction-NE	\$1,405	\$1,375	\$1,27
Nuclear Energy Enabling Technologies Nuclear Energy Enabling Technologies	\$30,971	\$26,329	\$7,06
Total Nuclear Energy Enabling Technologies	\$30,971	\$26,329	\$7,06
Reactors Concepts RD&D Reactors Concepts RD&D	\$18,395	\$15,325	\$13,50
Total Reactors Concepts RD&D	\$18,395	\$15,325	\$13,50
	φ10,390	\$15,525	φ13,00
International Nuclear Energy Cooncretion			\$28
International Nuclear Energy Cooperation International Nuclear Energy Cooperation	\$410	\$385	φ 2 0
	\$410 \$410	\$385	
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation Total International Nuclear Energy Cooperation			\$280 \$280 \$0

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FY 2018 Congressional Budget State Table

(Dollars In Thousands)

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nessee	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Total Nuclear Energy	\$94,929	\$86,880	\$32,315
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$0	\$398	\$170
Geothermal Technologies	\$1,748	\$363	\$87
Hydrogen & Fuel Cell Technologies	\$5,900	\$4,010	\$575
Water Power	\$2,800	\$3,492	\$3,350
Solar Energy	\$0	\$3,321	\$1,498
Vehicle Technologies	\$42,778	\$35,797	\$13,837
Building Technologies	\$14,173	\$11,185	\$7,910
Federal Energy Management Program	\$3,429	\$1,446	\$1,900
Weatherization Assistance	\$4,562	\$4,541	\$0
State Energy Program	\$986	\$986	\$0
Advanced Manufacturing	\$29,820	\$30,510	\$15,000
Strategic Programs	\$650	\$757	\$0
Bioenergy Technologies	\$12,017	\$17,010	\$4,166
Total Energy Efficiency and Renewable Energy	\$118,863	\$113,816	\$48,493
Total Energy Efficiency and Renewable Energy	\$118,863	\$113,816	\$48,493
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Pension & comm & Reg Suport Oak Ridge	\$16,856	\$16,856	\$19,274
Oak Ridge	\$194,673	\$194,673	\$145,726
Total Uranium Enrichment D&D Fund	\$211,529	\$211,529	\$165,000
Total Uranium Enrichment Decon. & Decom. Fund	\$211,529	\$211,529	\$165,000
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$1,130
Total Yucca Mountain and Interim Storage	\$0	\$0	\$1,130
Total Nuclear Waste Disposal	\$0	\$0	\$1,130
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$270,099	\$265,434	\$349,648
Total Advanced Scientific Computing Research	\$270,099	\$265,434	\$349,648
Basic Energy Sciences			
Basic Energy Sciences	\$332,681	\$320,859	\$286,712
Total Basic Energy Sciences	\$332,681	\$320,859	\$286,712
Biological and Environmental Research			
Biological and Environmental Research	\$83,640	\$77,128	\$27,223
Total Biological and Environmental Research	\$83,640	\$77,128	\$27,223

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State Table (Dollars In Thousands)

FY 2018 Congressional Budget

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nessee	FY 2016	FY 2017	FY 201
	Enacted	Annualized CR	Reques
Fusion Energy Sciences Fusion Energy Sciences	\$140,037	\$136,085	\$78,51
Total Fusion Energy Sciences	\$140,037	\$136,085	\$78,51
High Energy Physics High Energy Physics	\$2,414	\$1,431	\$45
Total High Energy Physics	\$2,414	\$1,431	\$450
Nuclear Physics Nuclear Physics	\$27,604	\$17,578	\$11,442
Total Nuclear Physics	\$27,604	\$17,578	\$11,442
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$9,476	\$4,170	\$1.1,1.1
Total Workforce Development for Teachers and Scientists	\$9,476	\$4,170	\$
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$19,377	\$19,342	\$16,082
Total Science Laboratories Infrastructure	\$19,377	\$19,342	\$16,082
Safeguards and Security Safeguards and Security Total Safeguards and Security	\$35,316	\$36,877	\$37,00
Program Direction	\$35,316	\$36,877	\$37,00
Program Direction	\$42,042	\$38,479	\$34,787
Total Program Direction	\$42,042	\$38,479	\$34,78
Total Science	\$962,686	\$917,383	\$841,860
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$421,099	\$463,130	\$444,93
Total Directed Stockpile Work	\$421,099	\$463,130	\$444,93
Science Science Campaign	\$437	\$420	\$22
Total Science	\$437	\$420	\$22
Engineering Engineering Campaign	\$2,246	\$2,246	\$2,33
Total Engineering	\$2,246	\$2,246	\$2,33
Inertial Confinement Fusion Ignition High Yield Inertial Confinement Fusion Ignition High Yield Campaign	\$60	\$60	\$(
Total Inertial Confinement Fusion Ignition High Yield	\$60	\$60	\$
Advanced Simulation & Computing Advanced Simulation & Computing Campaign	\$275	\$480	\$
Total Advanced Simulation & Computing	\$275	\$480	\$(

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State Table (Dollars In Thousands)

FY 2018 Congressional Budget

FY 2016	FY 2017	FY 2018
Enacted	Annualized CR	Request
\$170,378	\$166,542	\$179,073
\$170.378	\$166 542	\$179 073

Defense Nuclear Security	\$170,378	\$166,542	\$179,073
Total Defense Nuclear Security	\$170,378	\$166,542	\$179,073
Information technology and Cybersecurity Information technology and Cybersecurity	\$7,035	\$7,130	\$7,130
Total Information technology and Cybersecurity	\$7,035	\$7,130	\$7,130
Infrastructure and Operations Infrastructure and Operations	\$667,329	\$825,093	\$965,849
Total Infrastructure and Operations	\$667,329	\$825,093	\$965,849
Secure Transportation Asset Secure Transportation Asset	\$2	\$0	\$5
Total Secure Transportation Asset	\$2	\$0	\$5
Domestic Uranium Enrichment RD&D Domestic Uranium Enrichment RD&D	\$0	\$0	\$0
Total Domestic Uranium Enrichment RD&D	\$0	\$0	\$0
Advanced Manufacturing Development Advanced Manufacturing Development	\$25,138	\$32,731	\$33,501
Total Advanced Manufacturing Development	\$25,138	\$32,731	\$33,501
otal Weapons Activities	\$1,293,999	\$1,497,832	\$1,633,040
Other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security	\$5,455	\$5,455	\$5,455
Total Environment, Health, Safety and Security	\$5,455	\$5,455	\$5,455
otal Other Defense Activities	\$5,455	\$5,455	\$5,455
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D	+ - ,	<i> </i>	<i> </i>
Nonproliferation and Verification R&D	\$0	\$0	\$0
Total Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$22,064	\$25,775	\$27,778
Total Defense Nuclear Nonproliferation R&D	\$22,064	\$25,775	\$27,778
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$16,256	\$9,251	\$10,357
Total Nuclear Counterterrorism and Incident Response	\$16,256	\$9,251	\$10,357
Global Material Security			

Global Material Security

Tennessee

Defense Nuclear Security

FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

inessee	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Global Material Security	\$33,469	\$37,794	\$24,545
Total Global Material Security	\$33,469	\$37,794	\$24,545
Material Management and Minimization Material Management and Minimization	\$48,638	\$48,679	\$52,756
Total Material Management and Minimization	\$48,638	\$48,679	\$52,756
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$23,260	\$20,441	\$20,627
Total Nonproliferation and Arms Control	\$23,260	\$20,441	\$20,627
Total Defense Nuclear Nonproliferation	\$143,687	\$141,940	\$136,06
Departmental Administration Strategic Partnership Projects Strategic Partnership Projects	\$8,968	\$8,968	\$9,02
Total Strategic Partnership Projects	\$8,968	\$8,968	\$9,02
Chief Financial Officer Program Direction	\$0	\$0	\$1,484
Total Chief Financial Officer	\$0	\$0	\$1,484
Total Departmental Administration	\$8,968	\$8,968	\$10,50
Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling	\$11,158	\$11,137	\$11,30
Total Purchase Power and Wheeling	\$11,158	\$11,137	\$11,30
Total Southeastern Power Admin Operation & Maint.	\$11,158	\$11,137	\$11,30
Fossil Energy Research and Development CCS and Power Systems Advanced Energy Systems Cross Cutting Reasearch	\$1,000 \$1,915	\$998 \$1,912	\$ \$11
Total CCS and Power Systems	\$2,915	\$2,910	\$11
Natural Gas Technologies Natural Gas Technologies	\$40	\$40	\$(
Total Natural Gas Technologies	\$40	\$40	\$
Total Fossil Energy Research and Development	\$2,955	\$2,950	\$11
Defense Environmental Cleanup Oak Ridge Reservation Nuclear Facility D & D, ETTP	\$0	\$0	\$
Nuclear Facility D & D, Y-12 Nuclear Facility D & D, ORNL ORR Community and Regulatory Support	\$75,458 \$45,900 \$4,400	\$75,314 \$45,813 \$4,392	\$51,46 \$48,11 \$4,60
Clean-up and Disposition	\$74,597	\$74,455	\$66,632

FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

nnessee	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
OR Technology Development and Deployment	\$2,800	\$2,795	\$3,000
U233 Disposition Program	\$35,895	\$35,827	\$33,784
Total Oak Ridge Reservation	\$239,050	\$238,596	\$207,600
Program Direction			
Oak Ridge	\$12,636	\$12,636	\$15,298
Total Program Direction	\$12,636	\$12,636	\$15,298
Safeguards and Security			
Oak Ridge Reservation	\$11,828	\$11,556	\$16,500
Total Safeguards and Security	\$11,828	\$11,556	\$16,500
Cyber Security			
Cyber Security	\$0	\$0	\$1,105
Total Cyber Security	\$0	\$0	\$1,105
Total Defense Environmental Cleanup	\$263,514	\$262,788	\$240,503
Strategic Petroleum Reserve			
SPR Econometric Modelling Support			
Management	\$490	\$489	\$560
Total SPR Econometric Modelling Support	\$490	\$489	\$560
Total Strategic Petroleum Reserve	\$490	\$489	\$560
tal Tennessee	\$3,137,696	\$3,280,595	\$3,135,690

	Department Of Energy		5/18	/2017
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FT 20	18 Congressional Budget			
	State Table		Page	e 103 of 124
	(Dollars In Thousands)			
as	FY 24		FY 2017	FY 2018
	Enac	cted	Annualized CR	Reques
Energy Efficiency and Renewable Energy				
Energy Efficiency and Renewable Energy Weatherization Assistance	¢E	165	¢5 120	¢.
State Energy Program	\$5, \$2	342	\$5,139 \$2,342	\$(\$(
Total Energy Efficiency and Renewable Energy				
	\$7,5	507	\$7,481	\$(
Total Energy Efficiency and Renewable Energy	\$7,	507	\$7,481	\$C
Science				
Advanced Scientific Computing Research	\$ 2.	000	¢4.005	.
Advanced Scientific Computing Research	\$3,1		\$1,085	\$0
Total Advanced Scientific Computing Research	ז \$3,5	202	\$1,085	\$C
Basic Energy Sciences Basic Energy Sciences	\$10,	201	\$7,972	\$9,373
Total Basic Energy Sciences	\$10,:	281	\$7,972	\$9,373
Biological and Environmental Research Biological and Environmental Research	\$4,:	267	\$2,736	\$2,142
Total Biological and Environmental Research	·			
	\$4,:	267	\$2,736	\$2,142
Fusion Energy Sciences Fusion Energy Sciences	\$4,	122	\$3,463	\$2,685
Total Fusion Energy Sciences				
	\$4,	122	\$3,463	\$2,685
High Energy Physics High Energy Physics	\$6,	335	\$4,953	\$1,765
Total High Energy Physics	\$6,			\$1,765
Nuclear Physics	Φ0,	555	\$4,953	φ1,705
Nuclear Physics	\$5,	789	\$2,450	\$0
Total Nuclear Physics	\$5,	789	\$2,450	\$C
Total Science	\$33,		\$22,659	\$15,965
Weapons Activities	φοο,		<i>422,000</i>	<i>\</i>
Directed Stockpile Work				
Directed Stockpile Work	\$316,	897	\$382,349	\$397,769
Total Directed Stockpile Work	\$316,	897	\$382,349	\$397,769
Engineering	φοιο,		<i>\\\</i> 002,010	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>
Engineering Campaign	\$1,	891	\$1,891	\$2,212
Total Engineering	\$1,	891	\$1,891	\$2,212
Defense Nuclear Security	÷-,		, ,	, ,
Defense Nuclear Security	\$125, ₄	422	\$130,881	\$137,823

\$125,422

\$0

\$130,881

\$0

\$137,823

\$0

Total Defense Nuclear Security

Readiness Campaign Readiness Campaign

FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

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xas	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Total Readiness Campaign	\$0	\$0	\$0
Information technology and Cybersecurity Information technology and Cybersecurity	\$6,821	\$6,917	\$6,917
Total Information technology and Cybersecurity	\$6,821	\$6,917	\$6,917
Infrastructure and Operations Infrastructure and Operations	\$191,016	\$176,783	\$192,404
Total Infrastructure and Operations	\$191,016	\$176,783	\$192,404
Secure Transportation Asset Secure Transportation Asset	\$8,184	\$6,841	\$8,416
Total Secure Transportation Asset	\$8,184	\$6,841	\$8,416
Advanced Manufacturing Development Advanced Manufacturing Development	\$3,950	\$4,475	\$629
Total Advanced Manufacturing Development	\$3,950	\$4,475	\$629
Total Weapons Activities	\$654,181	\$710,137	\$746,170
Other Defense Activities Environment, Health, Safety and Security Environment, Health, Safety and Security	\$10	\$10	\$10
Total Environment, Health, Safety and Security	\$10	\$10	\$10
Total Other Defense Activities	\$10	\$10	\$10
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$0	\$0	\$0
Total Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$2,000	\$0	\$0
Total Defense Nuclear Nonproliferation R&D	\$2,000	\$0	\$0
Nonproliferation and International Security Nonproliferation and International Security	\$0	\$0	\$0
Total Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$1,357	\$1,313	\$1,516
Total Nuclear Counterterrorism and Incident Response	\$1,357	\$1,313	\$1,516
Total Defense Nuclear Nonproliferation	\$3,357	\$1,313	\$1,516
Falcon & Amistad - Operating & Maintenance Fund Falcon & Amistad Operating and Maintenance Fund			
Falcon & Amistad - Operating and Maintenance	\$4,485	\$4,477	\$4,171
Total Falcon & Amistad Operating and Maintenance Fund	\$4,485	\$4,477	\$4,171

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FY 2018 Congressional Budget State Table

(Dollars In Thousands)

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kas	FY 2016	FY 2017	FY 201
(dS	Enacted	Annualized CR	Reque
Total Falcon & Amistad - Operating & Maintenance Fund	\$4,485	\$4,477	\$4,17
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	\$124	\$124	\$
Total CCS and Power Systems	\$124	\$124	9
Natural Gas Technologies			
Natural Gas Technologies	\$8,230	\$8,214	\$1,24
Total Natural Gas Technologies	\$8,230	\$8,214	\$1,24
Total Fossil Energy Research and Development	\$8,354	\$8,338	\$1,24
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$46,809	\$46,720	\$36,87
Total SPR Geotechnical Analytical Support	\$46,809	\$46,720	\$36,87
Total Strategic Petroleum Reserve	\$46,809	\$46,720	\$36,87
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$237	\$237	\$23
Total Energy Information Administration	\$237	\$237	\$23
Total Energy Information Administration	\$237	\$237	\$23
al Texas	\$758,936	\$801,372	\$806,18

FY 2018 Congressional Budget

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State Table

(Dollars In Thousands)

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lesignated State	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$12,252	\$12,230	\$475
Resilient Distribution Systems	\$6,874	\$6,860	\$500
Cybersecurity for Energy Delivery Systems	\$1,585	\$1,580	\$5,500
Energy Storage	\$1,464	\$1,459	\$0
Transformer Resilience and Advanced Components	\$1,693	\$1,689	\$2,000
Transmission Permitting and Technical Assistance	\$662	\$661	\$1,777
Infrastructure Security & Energy Restoration	\$3,952	\$3,944	\$4,650
Total Electricity Delivery and Energy Reliability	\$28,482	\$28,423	\$14,902
- Total Electricity Delivery and Energy Reliability	\$28,482	\$28,423	\$14,902
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Water Power	\$9,200	\$9,164	\$4,400
Vehicle Technologies	\$6,587	\$46,174	\$3,920
Total Energy Efficiency and Renewable Energy	\$15,787	\$55,338	\$8,320
Total Energy Efficiency and Renewable Energy	\$15,787	\$55,338	\$8,320
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$352	\$0	\$0
Total Advanced Scientific Computing Research	\$352	\$0	\$0
Total Science	\$352	\$0	\$0
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$0	\$0	\$3,500
Total Directed Stockpile Work	\$0	\$0	\$3,500
Total Weapons Activities	\$0	\$0	\$3,500
Other Defense Activities			
Environment, Health, Safety and Security			
Program Direction	\$62,235	\$62,235	\$68,765
Total Environment, Health, Safety and Security	\$62,235	\$62,235	\$68,765
Total Other Defense Activities	\$62,235	\$62,235	\$68,765
Defense Nuclear Nonproliferation	<i> </i>	<i> </i>	<i> </i>
Material Management and Minimization Material Management and Minimization	¢3 900	\$10,451	¢25 769
	\$3,890		\$25,768
Total Material Management and Minimization	\$3,890	\$10,451	\$25,768
Total Defense Nuclear Nonproliferation	\$3,890	\$10,451	\$25,768
Federal Colorian and Evenence			

Federal Salaries and Expenses

Department Of	Energy	5/18/2	2017
FY 2018 Congressional	Budget	3:59:	56PM
State Table		Page	107 of 124
(Dollars In Thousands	5)		
designated State	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Federal Salaries and Expenses Federal Salaries and Expenses	\$24,092	\$25,008	\$26,36
Total Federal Salaries and Expenses	\$24,092	\$25,008	\$26,36
Total Federal Salaries and Expenses	\$24,092	\$25,008	\$26,36
Office of the Administrator Office of the Administrator	\$ 0	* 0	•
Office of the Administrator Total Office of the Administrator	\$0	\$0	\$
	\$0	\$0	\$
Total Office of the Administrator Departmental Administration Office of Technology Transitions	\$0	\$0	\$
Program Direction	\$0	\$0	\$6,87
Total Office of Technology Transitions	\$0	\$0	\$6,87
Management Program Direction	\$28,860	\$64,876	\$21,89
Total Management	\$28,860	\$64,876	\$21,89
Total Departmental Administration	\$28,860	\$64,876	\$28,77
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance	¢101 E00	\$187,836	¢204 52
Total Systems Operation and Maintenance	\$181,598		\$204,53
	\$181,598	\$187,836	\$204,53
Total Western Area Power Admin. Const.,Rehab.,O&M Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$181,598 \$0	\$187,836 \$0	\$204,53 \$
Total Equipment, Contracts and Other Related Expenses	\$0	\$0	\$
Total Colorado River Basins Power Marketing Fund	\$0	\$0	\$
Fossil Energy Research and Development Program Direction			
Headquarters Program Direction	\$12,683	\$12,659	\$14,70
Total Program Direction	\$12,683	\$12,659	\$14,70
Special Recruitment Programs Special Recruitment Programs	\$700	\$699	\$20
Total Special Recruitment Programs	\$700	\$699	\$20
Total Fossil Energy Research and Development	\$13,383	\$13,358	\$14,90
al Undesignated State	\$358,679	\$447,525	\$395,83

Department Of En	ergy	5/18/2	017
FY 2018 Congressional Bu	udget	3:59:5	56PM
State Table		Page 2	108 of 124
(Dollars In Thousands)			
ah	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Non-Defense Environmental Cleanup Small Sites	0 00 044	* *** -------------	* 05 00
Small Sites Total Small Sites	\$38,644	\$38,571	\$35,00
	\$38,644	\$38,571	\$35,00
Total Non-Defense Environmental Cleanup	\$38,644	\$38,571	\$35,00
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$1,970	\$1,960	\$(
State Energy Program	\$399	\$399	\$(
Total Energy Efficiency and Renewable Energy	\$2,369	\$2,359	\$0
Total Energy Efficiency and Renewable Energy	\$2,369	\$2,359	\$(
Science			
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$900	\$0	\$
Total Advanced Scientific Computing Research	\$900	\$0	\$
Basic Energy Sciences Basic Energy Sciences	\$2,522	\$544	\$2,28
Total Basic Energy Sciences	\$2,522	\$544	\$2,28
Biological and Environmental Research Biological and Environmental Research	\$550	\$0	\$0
Total Biological and Environmental Research	\$550	\$0	\$
Fusion Energy Sciences Fusion Energy Sciences	\$531	\$190	\$
Total Fusion Energy Sciences	\$531	\$190	\$(
High Energy Physics			
High Energy Physics	\$1,052	\$500	\$(
Total High Energy Physics	\$1,052	\$500	\$0
Total Science	\$5,555	\$1,234	\$2,28
Falcon & Amistad - Operating & Maintenance Fund Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance	\$5	\$5	\$!
Total Falcon & Amistad Operating and Maintenance Fund	\$5 \$5	\$5 \$5	\$
Total Falcon & Amistad - Operating & Maintenance Fund	\$5	\$5	ېن \$:
Western Area Power Admin. Const.,Rehab.,O&M	φΰ	φυ	φ
Systems Operation and Maintenance Systems Operation and Maintenance	\$1	\$1	\$
Total Systems Operation and Maintenance	\$1	\$1	\$^

Department Of Energy

FY 2018 Congressional Budget

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State Table (Dollars In Thousands)

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h	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Program Direction			
Program Direction	\$71	\$63	\$64
Total Program Direction	\$71	\$63	\$64
Total Western Area Power Admin. Const.,Rehab.,O&M	\$72	\$64	\$65
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$22,857	\$23,956	\$18,057
Total Equipment, Contracts and Other Related Expenses	\$22,857	\$23,956	\$18,057
Program Direction			
Program Direction	\$4,758	\$4,796	\$4,498
Total Program Direction	\$4,758	\$4,796	\$4,498
Total Colorado River Basins Power Marketing Fund	\$27,615	\$28,752	\$22,555
Defense Environmental Cleanup			
Cyber Security			
Cyber Security	\$0	\$0	\$315
Total Cyber Security	\$0	\$0	\$315
Total Defense Environmental Cleanup	\$0	\$0	\$315
al Utah	\$74,260	\$70,985	\$60,225

	Department Of Energy		5/18/2	017
FY 201	FY 2018 Congressional Budget		3:59:56PM	
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((Dollars In Thousands)			
rmont		FY 2016	FY 2017	FY 201
mont		Enacted	Annualized CR	Reques
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy				
Weatherization Assistance		\$1,228	\$1,222	\$
State Energy Program		\$268	\$268	\$
Total Energy Efficiency and Renewable Energy	/	\$1,496	\$1,490	\$
Total Energy Efficiency and Renewable Energy		\$1,496	\$1,490	\$
Science				
Basic Energy Sciences				
Basic Energy Sciences		\$586	\$527	\$0
Total Basic Energy Sciences		\$586	\$527	\$(
Total Science		\$586	\$527	\$
tal Vermont		\$2,082	\$2,017	\$(

Department Of FY 2018 Congressional	0,	5/18/2 3:59:5	
State Table (Dollars In Thousand	-	Page	111 of 124
Virgin Islands	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program	\$185 \$215	\$184 \$215	\$0 \$0
Total Energy Efficiency and Renewable Energy	\$400	\$399	\$0
Total Energy Efficiency and Renewable Energy	\$400	\$399	\$0
Total Virgin Islands	\$400	\$399	\$0

Department	Of Energy	5/18/2	2017
FY 2018 Congression	onal Budget	3:59:	56PM
State Tab	le	Page	112 of 124
(Dollars In Thous	sands)		
rginia	FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reque
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$3,761	\$3,742	\$
State Energy Program	\$877	\$877	\$
Total Energy Efficiency and Renewable Energy	\$4,638	\$4,619	\$
Total Energy Efficiency and Renewable Energy	\$4,638	\$4,619	\$
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$1,169	\$595	\$59
Total Advanced Scientific Computing Research	\$1,169	\$595	\$59
Basic Energy Sciences Basic Energy Sciences	\$5,782	\$4,638	\$3,98
Total Basic Energy Sciences	\$5,782	\$4,638	\$3,98
Biological and Environmental Research			. ,
Biological and Environmental Research	\$3,052	\$1,069	\$53
Total Biological and Environmental Research	\$3,052	\$1,069	\$53
Fusion Energy Sciences			
Fusion Energy Sciences	\$1,119	\$258	\$
Total Fusion Energy Sciences	\$1,119	\$258	\$
High Energy Physics	¢0.700	¢0.055	¢4 40
High Energy Physics	\$3,790	\$2,255	\$1,12
Total High Energy Physics	\$3,790	\$2,255	\$1,12
Nuclear Physics Nuclear Physics	\$123,942	\$113,897	\$96,81
Total Nuclear Physics	\$123,942	\$113,897	\$96,81
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$180	\$150	\$
Total Workforce Development for Teachers and Scientists	\$180	\$150	\$
Safeguards and Security Safeguards and Security	\$2,687	\$2,709	\$2,71
Total Safeguards and Security	\$2,687	\$2,709	\$2,71
Program Direction	· /····	¢ ,	, , , , , , , , , , , , , , , , , , ,
Program Direction	\$1,835	\$1,861	\$1,73
Total Program Direction	\$1,835	\$1,861	\$1,73
Total Science	\$143,556	\$127,432	\$107,51
Fossil Energy Research and Development			
CCS and Power Systems			

\$1,006

\$1,005

\$0

Carbon Storage

Department Of Energy	5/18/2017
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(Dollars In Thousands)	

FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
\$187	\$187	\$187
\$1,193	\$1,192	\$187
\$450	\$449	\$0
\$450	\$449	\$0
\$1,643	\$1,641	\$187
\$33,184	\$33,615	\$33,615
\$33,184	\$33,615	\$33,615
\$33,184	\$33,615	\$33,615
\$183,021	\$167,307	\$141,317
-	Enacted \$187 \$1,193 \$450 \$450 \$450 \$1,643 \$33,184 \$33,184 \$33,184	Enacted Annualized CR \$187 \$187 \$1,193 \$1,192 \$450 \$449 \$450 \$449 \$1,643 \$1,641 \$33,184 \$33,615 \$33,184 \$33,615 \$33,184 \$33,615

Department Of Energy		5/18/2017		
	FY 2018 Congressional Budg	get	3:59:56PM Page 114 of 124	
	State Table			
	(Dollars In Thousands)			
ashington		FY 2016 Enacted	FY 2017 Annualized CR	FY 201 Reques
Non-Defense Environmental Cleanup				
Fast Flux Test Reactor Facility				
Fast Flux Test Reactor Facility		\$2,562	\$2,557	\$2,24
Total Fast Flux Test Reactor Facility	/	\$2,562	\$2,557	\$2,24
Total Non-Defense Environmental Clea	nup	\$2,562	\$2,557	\$2,24
Electricity Delivery and Energy Reliabili	ty			
Electricity Delivery and Energy Relia	ability			
Transmission Reliability		\$7,148	\$7,134	\$3,26
Resilient Distribution Systems		\$11,361	\$11,339	\$5,16
Cybersecurity for Energy Delive	ry Systems	\$1,236	\$1,234	\$
Energy Storage		\$6,416	\$6,404	\$3,40
Transformer Resilience and Adv	anced Components	\$614	\$613	9
Transmission Permitting and Te	chnical Assistance	\$308	\$307	\$32
Infrastructure Security & Energy	Restoration	\$1,251	\$1,249	\$1,35
Program Direction		\$250	\$250	9
Total Electricity Delivery and Energy	γ Reliability	\$28,584	\$28,530	\$13,49
Total Electricity Delivery and Energy Re		\$28,584	\$28,530	\$13,49
		<i> </i>	<i> </i>	<i> </i>
Nuclear Energy				
Fuel Cycle R & D		¢40 704	¢40 700	¢г. ОО
Fuel Cycle R & D		\$10,781	\$10,700	\$5,00
Total Fuel Cycle R & D		\$10,781	\$10,700	\$5,00
Nuclear Energy Enabling Technolog	jies			+-,
Nuclear Energy Enabling Techn				+-,
	0.09.00	\$1,648	\$105	
Total Nuclear Energy Enabling Tecl	-	\$1,648 \$1,648	\$105 \$105	\$10
	-			\$10
Total Nuclear Energy Enabling Tech	-			\$10 \$10
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D	-	\$1,648	\$105	\$10 \$10 \$90
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Coope	hnologies eration	\$1,648 \$1,775 \$1,775	\$105 \$1,775 \$1,775	\$10 \$10 \$90 \$90
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Coope International Nuclear Energy Coope	eration poperation	\$1,648 \$1,775 \$1,775 \$100	\$105 \$1,775 \$1,775 \$0	\$10 \$10 \$90 \$90 \$90
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Coope International Nuclear Energy Co Total International Nuclear Energy Co	eration poperation	\$1,648 \$1,775 \$1,775 \$100 \$100	\$105 \$1,775 \$1,775 \$0 \$0	\$10 \$10 \$90 \$90 \$90 \$
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Coope International Nuclear Energy Coope	eration poperation	\$1,648 \$1,775 \$1,775 \$100	\$105 \$1,775 \$1,775 \$0	\$10 \$10 \$90 \$90 \$90 \$
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Cooper International Nuclear Energy Co Total International Nuclear Energy Co Total State Energy Energy Efficiency and Renewable Energy	hnologies eration poperation Cooperation	\$1,648 \$1,775 \$1,775 \$100 \$100	\$105 \$1,775 \$1,775 \$0 \$0	\$10 \$10 \$90 \$90 \$90 \$
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Cooper International Nuclear Energy Co Total International Nuclear Energy Co Total Nuclear Energy Total Nuclear Energy Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy	hnologies eration poperation Cooperation	\$1,648 \$1,775 \$1,775 \$100 \$100 \$14,304	\$105 \$1,775 \$1,775 \$0 \$0 \$12,580	\$10 \$10 \$90 \$90 \$90 \$ \$ \$ \$6,00
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Cooper International Nuclear Energy Cooper Total International Nuclear Energy Cooper Total Nuclear Energy Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Wind Energy	hnologies eration poperation Cooperation	\$1,648 \$1,775 \$1,775 \$100 \$100 \$114,304 \$1,654	\$105 \$1,775 \$1,775 \$0 \$0 \$12,580 \$2,565	\$10 \$10 \$90 \$90 \$ \$ \$ \$ \$ \$ 6,00 \$ \$ 1,68
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Cooper International Nuclear Energy Cooper Total International Nuclear Energy Cooper Total International Nuclear Energy Cooper Total Nuclear Energy Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Wind Energy Geothermal Technologies	eration poperation Cooperation	\$1,648 \$1,775 \$1,775 \$100 \$100 \$14,304 \$1,654 \$1,654 \$1,228	\$105 \$1,775 \$1,775 \$0 \$0 \$12,580 \$2,565 \$1,199	\$10 \$10 \$90 \$90 \$90 \$90 \$90 \$90 \$90 \$90 \$90 \$9
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Cooper International Nuclear Energy Cooper Total International Nuclear Energy Cooper Total International Nuclear Energy Cooper Total Nuclear Energy Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Wind Energy	eration poperation Cooperation	\$1,648 \$1,775 \$1,775 \$100 \$100 \$114,304 \$1,654	\$105 \$1,775 \$1,775 \$0 \$0 \$12,580 \$2,565	\$10 \$10 \$90 \$90 \$90 \$90 \$90 \$90 \$90 \$90 \$90 \$9
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Cooper International Nuclear Energy Co Total International Nuclear Energy Co Total Nuclear Energy Energy Efficiency and Renewable Ener Energy Efficiency and Renewable Ener Wind Energy Geothermal Technologies Hydrogen & Fuel Cell Technolog Water Power	eration poperation Cooperation	\$1,648 \$1,775 \$1,775 \$100 \$100 \$14,304 \$1,654 \$1,654 \$1,228	\$105 \$1,775 \$1,775 \$0 \$0 \$12,580 \$2,565 \$1,199	\$10 \$10 \$90 \$90 \$ \$ \$ \$ \$6,00 \$1,68 \$2,04 \$1,88
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Cooper International Nuclear Energy Cooper Total Nuclear Energy Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Geothermal Technologies Hydrogen & Fuel Cell Technologies	eration poperation Cooperation	\$1,648 \$1,775 \$1,775 \$100 \$100 \$14,304 \$1,654 \$1,654 \$1,228 \$3,800	\$105 \$1,775 \$1,775 \$0 \$0 \$12,580 \$12,580 \$2,565 \$1,199 \$3,930	\$10 \$10 \$90 \$90 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Total Nuclear Energy Enabling Tech Reactors Concepts RD&D Reactors Concepts RD&D Total Reactors Concepts RD&D International Nuclear Energy Cooper International Nuclear Energy Co Total International Nuclear Energy Co Total Nuclear Energy Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Geothermal Technologies Hydrogen & Fuel Cell Technology Water Power	eration poperation Cooperation	\$1,648 \$1,775 \$1,775 \$100 \$100 \$14,304 \$1,654 \$1,228 \$3,800 \$3,300	\$105 \$1,775 \$1,775 \$0 \$0 \$12,580 \$12,580 \$12,580 \$1,199 \$3,930 \$6,991	\$10 \$10 \$90 \$90 \$90 \$ \$ \$6,00 \$1,68 \$2,04 \$1,88 \$2,04 \$1,88 \$5,35 \$90 \$7,30

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FY 2018 Congressional Budget State Table

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shington	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Reques
Federal Energy Management Program	\$1,582	\$1,121	\$875
Weatherization Assistance	\$4,325	\$4,304	\$0
State Energy Program	\$887	\$887	\$C
Advanced Manufacturing Strategic Programs	\$450 \$150	\$0 \$402	\$C \$C
Bioenergy Technologies	\$19,396	\$402 \$21,617	ەر \$6,300
Total Energy Efficiency and Renewable Energy	\$68,922	\$81,357	\$34,512
Total Energy Efficiency and Renewable Energy	\$68,922	\$81,357	\$34,512
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$910
Total Yucca Mountain and Interim Storage	\$0	\$0	\$910
Total Nuclear Waste Disposal	\$0	\$0	\$910
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$9,592	\$1,519	\$1,779
Total Advanced Scientific Computing Research	\$9,592	\$1,519	\$1,779
Basic Energy Sciences			
Basic Energy Sciences	\$36,425	\$32,578	\$28,747
Total Basic Energy Sciences	\$36,425	\$32,578	\$28,747
Biological and Environmental Research			
Biological and Environmental Research	\$120,458	\$106,860	\$55,467
Total Biological and Environmental Research	\$120,458	\$106,860	\$55,467
Fusion Energy Sciences			
Fusion Energy Sciences	\$5,338	\$3,258	\$1,800
Total Fusion Energy Sciences	\$5,338	\$3,258	\$1,800
High Energy Physics	¢C 004	¢c 000	¢0.750
High Energy Physics	\$6,201	\$5,230	\$3,750
Total High Energy Physics	\$6,201	\$5,230	\$3,750
Nuclear Physics Nuclear Physics	\$8,656	\$1,990	\$0
Total Nuclear Physics	\$8,656	\$1,990	\$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$1,029	\$760	\$0
Total Workforce Development for Teachers and Scientists	\$1,029	\$760	\$0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$0	\$0	\$1,000
Total Science Laboratories Infrastructure	\$0	\$0	\$1,000

FY 2018 Congressional Budget

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State Table

(Dollars In Thousands)

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shington	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
	Enacieu	Annualized CR	Reques
Safeguards and Security Safeguards and Security	\$13,383	\$12,839	\$12,654
Total Safeguards and Security	\$13,383	\$12,839	\$12,654
Program Direction Program Direction	\$4,855	\$4,969	\$4,651
Total Program Direction	\$4,855	\$4,969	\$4,651
Total Science	\$205,937	\$170,003	\$109,848
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$23,082	\$30,815	\$32,779
Total Directed Stockpile Work	\$23,082	\$30,815	\$32,779
Science Science Campaign	\$470	\$0	\$0
Total Science	\$470	\$0	\$0
Engineering			
Engineering Campaign	\$2,185	\$0	\$0
Total Engineering	\$2,185	\$0	\$0
Readiness Campaign Readiness Campaign	\$0	\$0	\$0
Total Readiness Campaign	\$0	\$0	\$0
Infrastructure and Operations Infrastructure and Operations	\$2,400	\$4,400	\$5,000
Total Infrastructure and Operations	\$2,400	\$4,400	\$5,000
Total Weapons Activities	\$28,137	\$35,215	\$37,779
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$2,905	\$2,905	\$2,905
Enterprise Assessments	¢105	¢105	¢105
Enterprise Assessments Total Enterprise Assessments	\$125	\$125	\$125 \$3,030
Total Other Defense Activities	\$3,030	\$3,030	\$3,030
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$0	\$0	\$0
Total Nonproliferation and Verification R&D	\$0	\$0	\$C
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$22,280	\$27,112	\$29,218
Total Defense Nuclear Nonproliferation R&D	\$22,280	\$27,112	\$29,218

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State Table

(Dollars In Thousands)

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shington	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$(
Total Nonproliferation and International Security	\$0	\$0	\$
Nuclear Counterterrorism and Incident Response Nuclear Counterterrorism Incident Response	\$4,642	\$4,963	\$6,63
Total Nuclear Counterterrorism and Incident Response	\$4,642	\$4,963	\$6,63 ⁻
Global Material Security Global Material Security	\$223,837	\$160,323	\$114,63
Total Global Material Security	\$223,837	\$160,323	\$114,639
Material Management and Minimization	<i>Q</i> 220 ,001	\$100,0 <u>2</u> 0	φ111,000
Material Management and Minimization	\$26,445	\$22,343	\$28,842
Total Material Management and Minimization	\$26,445	\$22,343	\$28,842
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$18,613	\$20,809	\$21,000
Total Nonproliferation and Arms Control	\$18,613	\$20,809	\$21,000
Total Defense Nuclear Nonproliferation	\$295,817	\$235,550	\$200,330
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$10,100	\$10,100	\$10,428
Total Strategic Partnership Projects	\$10,100	\$10,100	\$10,42
Total Departmental Administration	\$10,100	\$10,100	\$10,42
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$2,463	\$2,458	\$50
Carbon Storage	\$984	\$982	\$0
Advanced Energy Systems	\$6,500	\$6,488	\$0
Cross Cutting Reasearch	\$975	\$973	\$17
Total CCS and Power Systems	\$10,922	\$10,901	\$67
Natural Gas Technologies			
Natural Gas Technologies	\$50	\$50	\$(
Total Natural Gas Technologies	\$50	\$50	\$(
Total Fossil Energy Research and Development	\$10,972	\$10,951	\$675
Defense Environmental Cleanup			
Hanford Site			
Central Plateau Remediation	\$632,179	\$630,977	\$644,50
River Corridor & Other Cleanup Operations	\$270,710	\$270,195	\$58,69
Community and Regulatory Support	\$19,701	\$19,664	\$13,00
Total Hanford Site	\$922,590	¢020 836	
	\$922,59U	\$920,836	\$716,19

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(Dollars In	Thousands)
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shington	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Office of River Protection			· ·
Tank Farm Activities	\$724,000	\$722,623	\$806,311
Waste Treatment Plant	\$690,000	\$688,688	\$698,000
Total Office of River Protection	\$1,414,000	\$1,411,311	\$1,504,311
Program Direction			
Richland	\$39,213	\$39,213	\$40,671
Office of River Protection	\$29,220	\$29,220	\$32,130
Total Program Direction	\$68,433	\$68,433	\$72,801
Safeguards and Security			
Richland/Hanford Site	\$65,501	\$65,355	\$75,600
Total Safeguards and Security	\$65,501	\$65,355	\$75,600
Cyber Security			
Cyber Security	\$0	\$0	\$6,390
Total Cyber Security	\$0	\$0	\$6,390
Total Defense Environmental Cleanup	\$2,470,524	\$2,465,935	\$2,375,294
Il Washington	\$3,138,889	\$3,055,808	\$2,794,546

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State Table

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(Dollars In Thousands)

	5)		
st Virginia	FY 2016	FY 2017	FY 201
	Enacted	Annualized CR	Reques
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability	¢4.074	¢4.000	¢700
Transmission Reliability	\$4,071	\$4,063	\$700
Resilient Distribution Systems	\$852	\$850	\$0
Cybersecurity for Energy Delivery Systems	\$49,639	\$49,545	\$36,500
Transformer Resilience and Advanced Components	\$34	\$34	\$500
Transmission Permitting and Technical Assistance	\$1,818	\$1,815	\$1,200
Infrastructure Security & Energy Restoration	\$715	\$714	\$0
Program Direction	\$6,920	\$6,907	\$6,200
Total Electricity Delivery and Energy Reliability	\$64,049	\$63,928	\$45,100
Total Electricity Delivery and Energy Reliability	\$64,049	\$63,928	\$45,100
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Program Direction	\$14,834	\$14,834	\$
Geothermal Technologies	\$35,600	\$35,309	\$
Solar Energy	\$0	\$1,380	\$
Vehicle Technologies	\$140,424	\$110,000	\$6,50
Building Technologies	\$14,000	\$14,114	\$7,50
Weatherization Assistance	\$2,978	\$2,963	\$
State Energy Program	\$542	\$542	\$
Advanced Manufacturing	\$400	\$1,287	\$
Strategic Programs	\$130	\$0	\$0
Bioenergy Technologies	\$33	\$231	\$0
Total Energy Efficiency and Renewable Energy	\$208,941	\$180,660	\$14,000
Total Energy Efficiency and Renewable Energy	\$208,941	\$180,660	\$14,000
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$798	\$0	\$0
Total Basic Energy Sciences	\$798	\$0	\$(
 Total Science	\$798	\$0	\$
Weapons Activities	•	, -	
Directed Stockpile Work			
Directed Stockpile Work	\$8,101	\$19,173	\$14,99
Total Directed Stockpile Work	\$8,101	\$19,173	\$14,996
Engineering Engineering Campaign	\$420	\$600	\$1,04
Total Engineering	\$420	\$600	\$1,04
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$136	\$108	\$0
Total Advanced Simulation & Computing	\$136	\$108	\$(

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State Table (Dollars In Thousands)

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t Virginia	FY 2016	FY 2017	FY 2018
5	Enacted	Annualized CR	Reques
Readiness Campaign	\$ 0	^	
Readiness Campaign	\$0	\$0	\$0
Total Readiness Campaign	\$0	\$0	\$0
Infrastructure and Operations			
Infrastructure and Operations	\$0	\$230	\$0
Total Infrastructure and Operations	\$0	\$230	\$0
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$1,200	\$916	\$1,600
Total Advanced Manufacturing Development	\$1,200	\$916	\$1,600
Total Weapons Activities	\$9,857	\$21,027	\$17,636
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$11,462	\$11,925	\$16,211
Total Office of Legacy Management	\$11,462	\$11,925	\$16,211
Total Other Defense Activities	\$11,462	\$11,925	\$16,211
Departmental Administration			
Strategic Partnership Projects			
Strategic Partnership Projects	\$150	\$150	\$150
Total Strategic Partnership Projects	\$150	\$150	\$150
Fotal Departmental Administration	\$150	\$150	\$150
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$34,228	\$34,166	\$9,124
Carbon Storage	\$58,554	\$58,444	\$14,735
Advanced Energy Systems	\$76,738	\$76,590	\$11,726
Cross Cutting Reasearch	\$28,743	\$28,687	\$29,692
STEP (Supercritical CO2)	\$15,000	\$14,971	\$0
NETL Coal R&D	\$53,000	\$52,899	\$0
Total CCS and Power Systems	\$266,263	\$265,757	\$65,277
Natural Gas Technologies			
Natural Gas Technologies	\$20,743	\$20,704	\$4,030
Total Natural Gas Technologies	\$20,743	\$20,704	\$4,030
Program Direction	* 00.000	¢00 700	* 05 000
National Energy Technology Center Program Direction	\$83,893	\$83,733	\$25,800
Total Program Direction	\$83,893	\$83,733	\$25,800
Fossil Energy Environmental Restoration			
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$7,920	\$7,905	\$0

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State Table (Dollars In Thousands)

a	FY 2016	FY 2017	FY 2018
	Enacted Annuali	Annualized CR	Reques
& Capital Equipment			
lant & Capital Equipment	\$15,782	\$15,752	\$0
Plant & Capital Equipment	\$15,782	\$15,752	\$(
nventional FE Technologies from Petroleum – Oil			
nconventional FE Technologies from Petroleum – Oil	\$13,320	\$13,294	\$12,000
Unconventional FE Technologies from Petroleum – Oil	\$13,320	\$13,294	\$12,00
Research and Operations			
ETL Research and Operations	\$0	\$0	\$78,10
NETL Research and Operations	\$0	\$0	\$78,10
Infrastructure			
ETL Infrastructure	\$0	\$0	\$63,10
NETL Infrastructure	\$0	\$0	\$63,10
ssil Energy Research and Development	\$407,921	\$407,145	\$248,30
/irginia	\$703,178	\$684,835	\$341,404
Infrastructure ETL Infrastructure NETL Infrastructure ssil Energy Research and Development	\$0 \$0 \$407,921	\$0 \$0 \$407,145	\$2

Department Of Energy FY 2018 Congressional Budget		5/18/2017 3:59:56PM	
sconsin	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance State Energy Program	\$8,147 \$848	\$8,107 \$848	\$ \$
Total Energy Efficiency and Renewable Energy	\$8,995	\$8,955	\$0
Total Energy Efficiency and Renewable Energy Science Advanced Scientific Computing Research	\$8,995	\$8,955	\$(
Advanced Scientific Computing Research	\$600	\$0	\$
Total Advanced Scientific Computing Research	\$600	\$0	\$0
Basic Energy Sciences Basic Energy Sciences	\$5,807	\$7,262	\$7,262
Total Basic Energy Sciences	\$5,807	\$7,262	\$7,26
Biological and Environmental Research Biological and Environmental Research	\$26,247	\$24,944	\$
Total Biological and Environmental Research	\$26,247	\$24,944	\$
Fusion Energy Sciences Fusion Energy Sciences	\$13,490	\$4,076	\$3,50
Total Fusion Energy Sciences	\$13,490	\$4,076	\$3,50
High Energy Physics High Energy Physics	\$2,460	\$2,065	\$1,45
Total High Energy Physics	\$2,460	\$2,065	\$1,45
Total Science	\$48,604	\$38,347	\$12,21
al Wisconsin	\$57,599	\$47,302	\$12,212

Department Of Energy		5/18/2017		
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(Dollars In Thousand	ls)			
/yoming	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Reques	
Energy Efficiency and Renewable Energy				
Energy Efficiency and Renewable Energy				
Weatherization Assistance	\$1,089	\$1,084	\$C	
State Energy Program	\$269	\$269	\$C	
Total Energy Efficiency and Renewable Energy	\$1,358	\$1,353	\$0	
Total Energy Efficiency and Renewable Energy	\$1,358	\$1,353	\$0	
Science				
Basic Energy Sciences				
Basic Energy Sciences	\$450	\$405	\$0	
Total Basic Energy Sciences	\$450	\$405	\$0	
Biological and Environmental Research				
Biological and Environmental Research	\$375	\$0	\$0	
Total Biological and Environmental Research	\$375	\$0	\$0	
Total Science	\$825	\$405	\$0	
Western Area Power Admin. Const.,Rehab.,O&M				
Systems Operation and Maintenance				
Systems Operation and Maintenance	\$4,170	\$3,664	\$13,011	
Total Systems Operation and Maintenance	\$4,170	\$3,664	\$13,011	
Program Direction				
Program Direction	\$8,760	\$8,384	\$8,750	
Total Program Direction	\$8,760	\$8,384	\$8,750	
Total Western Area Power Admin. Const.,Rehab.,O&M	\$12,930	\$12,048	\$21,761	
Colorado River Basins Power Marketing Fund				
Equipment, Contracts and Other Related Expenses				
Colorado River Storage Project	\$439	\$93	\$449	
Total Equipment, Contracts and Other Related Expenses	\$439	\$93	\$449	
Total Colorado River Basins Power Marketing Fund	\$439	\$93	\$449	
Fossil Energy Research and Development				
CCS and Power Systems				
Carbon Storage	\$1,188	\$1,186	\$0	
Total CCS and Power Systems	\$1,188	\$1,186	\$0	
Total Fossil Energy Research and Development	\$1,188	\$1,186	\$0	
Naval Petroleum and Oil Shale Reserves				
Naval Petroleum and Oil Shale Reserves				
Productions Operations	\$1,000	\$998	\$1,600	
Management	\$2,100	\$2,096	\$0	
Total Naval Petroleum and Oil Shale Reserves	\$3,100	\$3,094	\$1,600	

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	(Dollars In Thousands)		
Wyoming	FY 2016	FY 2017	FY 2018
	Enacted	Annualized CR	Request
Total Naval Petroleum and Oil Shale Reserve	es \$3,100	\$3,094	\$1,600
Total Wyoming	\$19,840	\$18,179	\$23,810