	FY 2017	FY 2018	FY 2019	FY 2019 Request vs	
	Enacted	Annualized	Congressional	FY 2017 En	
	Approp.	CR *	Request	\$	%
artment of Energy by Organization					
scretionary Summary by Organization					
National Nuclear Security Administration					
Federal Salaries and Expenses		384,736	422,529	+35,163	+9.1
Weapons Activities		9,241,675	11,017,078	+1,776,339	+19.2
Defense Nuclear Nonproliferation		1,885,970	1,862,825	-16,913	-0.9
Naval Reactors ¹	1,419,792	1,410,455	1,788,618	+368,826	+26.0
Total, National Nuclear Security Administration	12,927,635	12,922,836	15,091,050	+2,163,415	+16.7
Energy Programs					
Energy Efficiency and Renewable Energy		2,040,249	695,610	-1,338,972	-65.
Electricity Delivery & Energy Reliability		228,026		-229,585	-100.
Office of Electricity Delivery			61,309	+61,309	N
Power Marketing Administrations ²	83,031	82,467	77,000	-6,031	-7.
Office of Cybersecurity, Energy Security					
and Emergency Response			95,800	+95,800	N
Petroleum Reserves	241,107	242,789	195,105	-46,002	-19.
Fossil Energy	421,154	425,093	502,070	+80,916	+19.
Nuclear Energy ³	1,015,821	1,008,922	757,090	-258,731	-25.
Yucca Mountain and Interim Storage			120,000	+120,000	1
Energy Policy and Systems Analysis	30,999	30,789		-30,999	-100.
Office of Indian Energy	16,000	15,891	10,005	-5,995	-37.
Office of Policy			2,510	+2,510	1
Project Management Oversight Assessment	12,373	12,289	15,005	+2,632	+21.
Environment, Health, Safety and Security Mission Support	189,826	189,675	205,847	+16,021	+8.
Title 17 - Innovative Technology Loan Guarantee Program Advanced Technology Vehicles Manufacturing	139	16,749	7,000	+6,861	+4,936.
Loan Program	3,883	4,966	1,000	-2,883	-74.
Tribal Energy Loan Guarantee Program		8,939	-8,500	-17,500	-194.
Total, Credit Programs		30,654	-500	-13,522	-103.
Total, Energy Programs		4,306,844	2,736,851	-1,550,649	-36.
Science, Environmental and Legacy Management, OTT					
Science	, ,	5,354,362	5,390,972		1
Environmental Management 4/5	6,418,908	6,376,728	6,601,366	+182,458	+2.
Office of Legacy Management	153,254	153,272	158,877	+5,623	+3.
Office of Technology Transitions	6,906	6,859	8,505	+1,599	+23.
Total, Science, Environmental and Legacy Management, OTT	11,970,040	11,891,221	12,159,720	+189,680	+1.
Other Department Offices					
Departmental Administration (Direct Reports) ⁶					
Chief Information Officer	74,492	73,986	96,793	+22,301	+29.
Management	52,924	52,565	54,872	+1,948	+3.
Chief Human Capital Officer	24,486	24,334	25,625	+1,139	+4.
Economic Impact and Diversity		10,100	10,005	-164	-1.
Office of the Secretary		5,054	5,395	+306	+6.
Chief Financial Officer	49,242	48,908	48,912	-330	-0.
			4,212	-1,988	-32.
Congressional and Intergovernmental Affairs		6,158	,		
Congressional and Intergovernmental Affairs Public Affairs	6,200 3,405	6,158 3,408	6,594	+3,189	+93
Congressional and Intergovernmental Affairs Public Affairs General Counsel	6,200 3,405 33,000	3,408 32,776	6,594 33,075	+75	+0.
Congressional and Intergovernmental Affairs Public Affairs General Counsel International Affairs	6,200 3,405 33,000	3,408	6,594		+0.
Congressional and Intergovernmental Affairs Public Affairs General Counsel	6,200 3,405 33,000	3,408 32,776	6,594 33,075	+75	+0.
Congressional and Intergovernmental Affairs Public Affairs General Counsel International Affairs Office of Small and Disadvantaged Business Utilization	6,200 3,405 33,000 17,998	3,408 32,776	6,594 33,075 24,545 3,170	+75 +6,547 +170	+93. +0. +36.
Congressional and Intergovernmental Affairs Public Affairs General Counsel International Affairs Office of Small and Disadvantaged	6,200 3,405 33,000 17,998 3,000 105,875	3,408 32,776 17,878	6,594 33,075 24,545	+75 +6,547	+0. +36.

	FY 2017 Enacted	FY 2018 Annualized	FY 2019 Congressional	FY 2019 Re FY 2017 E	•
	Approp.	CR *	Request	\$	%
Other Defense Activities (Direct Reports)					<u> </u>
Office of Enterprise Assessments	75,579	75,067	76,770	+1,191	+1.6%
Specialized Security Activities	237,908	236,296	254,378	+16,470	+6.9%
Hearings and Appeals	5,420	5,463	3,739	-1,681	-31.0%
Total, Other Defense Activities	318,907	316,826	334,887	+15,980	+5.0%
Advanced Research Projects Agency - Energy	305,245	303,172		-305,245	-100.0%
Energy Information Administration	122,000	121,171	115,035	-6,965	-5.7%
Inspector General	44,424	44,122	51,330	+6,906	+15.5%
Total, Other Department Offices	964,706	958,375	758,450	-206,256	-21.4%
Federal Energy Regulatory Commission Title XVII Loan Guar. Prog. Section 1703	-16,645	-9,000	-16,000	+645	+3.9%
Negative Credit Subsidy Receipt 7	-37,000	-37,000	-44,000	-7,000	-18.9%
Sale of Northeast Gas Reserve			-77,000	-77,000	N/A
Defense Programs Rescission of Balances (Undistributed)	-43	-43		+43	+100.0%
Title 17 Loan Guarantee Program Rescission	-9,000	-8,939		+9,000	+100.0%
Total, Discretionary Funding	30,087,193	30,024,294	30,609,071	+521,878	+1.7%

^{*} Note.—A full-year 2018 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Continuing Appropriations Act, 2018 (Division D of P.L. 115–56, as amended). The amounts included for 2018 reflect the annualized level provided by the continuing resolution.

⁷ The Neg. Credit Subsidy FY 2018 Annualized CR number is calculated using the FY 2017 Enacted number \$-37,000K as appropriated by Law.

Memo: Total Discretionary	by budget function
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(Defense (050) function, non-add)	(19,805,815)	(19,757,369)	(21,740,657)
(Non-Defense (250/270) function, non-add)	(10,281,378)	(10,266,925)	(8,868,414)
(Science (250) function, non-add)	(5,390,972)	(5,354,362)	(5,390,972)
(Energy (270) function, non-add)	(4,890,406)	(4,912,563)	(3,477,442)

¹ The NE FY 2018 Annualized CR number is calculated using the FY 2017 Enacted number \$1,015,821K as appropriated by Law. Funding does not reflect the transfer from Naval Reactors for maintenance and operation of the Advanced Test Reactor.

² The DA FY 2018 Annualized CR number is calculated using the FY 2017 Enacted number \$174,301K as appropriated by Law.

³ The NR FY 2018 Annualized CR number is calculated using the FY 2017 Enacted number \$1,419,792K as appropriated by Law. Funding does not reflect the transfer to the Office of Nuclear Energy for maintenance and operation of the Advanced Test Reactor.

⁴ The Def-EM FY 2018 Annualized CR number is calculated using the FY 2017 Enacted number \$5,404,217K as appropriated by Law.

⁶ The UED&D Fund Contrib. FY 2018 Annualized CR number is calculated using the FY 2017 Enacted number \$563,000K as appropriated by Law.

⁵ The WAPA FY 2018 Annualized CR number is calculated using the FY 2017 Enacted number \$94,742K as appropriated by Law.

	FY 2017 Enacted	FY 2018 Annualized	FY 2019 Congressional	FY 2019 Request vs FY 2017 Enacted	
	Approp.	CR *	Request	\$	%
National Nuclear Security Administration	7.66. ор.	o	riequest	Ÿ	,,
NNSA Federal Salaries and Expenses					
Federal Salaries and Expenses					
Program direction	390,000	387,352	422,529	+32,529	+8.3%
Rescission of prior year balances (Gen. Prov.)	-2,634	-2,616		+2,634	+100.0%
Total, NNSA Federal Salaries and Expenses	387,366	384,736	422,529	+35,163	+9.1%
Weapons Activities					
Directed stockpile work					
Life extension programs and major alterations					
Life extension programs and major alterations					
B61 Life extension program	616,079	611,895	794,049	+177,970	+28.9%
W76 Life extension program	222,880	221,366	113,888	-108,992	-48.9%
W88 Alt 370	281,129	279,220	304,285	+23,156	+8.2%
W80-4 Life extension program	220,253	218,757	654,766	+434,513	+197.3%
IW-1			53,000	+53,000	N/A
Total, Life extension programs and			,	,	•
major alterations	1,340,341	1,331,238	1,919,988	+579,647	+43.2%
Stockpile systems					
B61 Stockpile systems	57,313	56,924	64,547	+7,234	+12.6%
W76 Stockpile systems	38,604	38,342	94,300	+55,696	+144.3%
W78 Stockpile systems	56,413	56,030	81,329	+24,916	+44.2%
W80 Stockpile systems	64,631	64,192	80,204	+15,573	+24.1%
B83 Stockpile systems	41,659	41,376	35,082	-6,577	-15.8%
W87 Stockpile systems	81,982	81,425	83,107	+1,125	+1.4%
W88 Stockpile systems	103,074	102,374	180,913	+77,839	+75.5%
Total, Stockpile systems	443,676	440,663	619,482	+175,806	+39.6%
Marian Branch Land Branch					
Weapons dismantlement and disposition	FC 000	FF 630	FC 000		21/2
Operations and maintenance	56,000	55,620	56,000		N/A
Stockpile services					
	447 527	444 400	F12 016		+14.6%
Production support	447,527	444,488	512,916	+65,389	
Research and development supportR&D certification and safety	34,187	33,955 155,418	38,129 216,582	+3,942 +60,101	+11.5% +38.4%
Management, technology, and production	156,481 251,978	250,267	300,736	+48,758	+19.4%
Total, Stockpile services	890,173	884,128	1,068,363	+178,190	+20.0%
Total, Stockpile Services	850,173	884,128	1,008,303	+178,190	+20.070
Strategic materials					
Uranium sustainment	20,988	20,845	87,182	+66,194	+315.4%
Plutonium sustainment	184,970	183,714	361,282	+176,312	+95.3%
Tritium sustainment	109,787	109,041	205,275	+95,488	+87.0%
Lithium sustainment			29,135	+29,135	N/A
Domestic uranium enrichment	50,000	49.660	100,704	+50,704	+101.4%
Strategic materials sustainment	212,092	210,652	218,794	+6,702	+3.2%
Total, Strategic materials	577,837	573,912	1,002,372	+424,535	+73.5%
Total, Directed stockpile work	3,695,393	3,670,297	5,088,734	+1,393,341	+37.7%
Research, development, test, and evaluation (RDT&E)					
Science					
Advanced certification	60,000	59,593	57,710	-2,290	-3.8%
Primary assessment technologies	99,000	98,328	95,057	-3,943	-4.0%
Dynamic materials properties	106,000	105,280	131,000	+25,000	+23.6%
Advanced radiography	45,700	45,390	32,544	-13,156	-28.8%
Secondary assessment technologies	76,000	75,484	77,553	+1,553	+2.0%
Academic alliances and partnerships	49,800	49,462	53,364	+3,564	+7.2%
Enhanced Capabilities for Subcritical Experiments			117,632	+117,632	N/A
Total, Science	436,500	433,537	564,860	+128,360	+29.4%
Engineering					
Engineering Enhanced surety	37,196	36,943	43,226	+6,030	+16.2%
Weapon systems engineering assessment	37,130	30,343	43,220	+0,030	±10.2/0
	16 050	16,843	27 E2 <i>6</i>	±10 E70	+62.4%
technology	16,958	10,843	27,536	+10,578	+0∠.4%

	FY 2017	FY 2018	FY 2019	FY 2019 Re	
	Enacted	Annualized	Congressional	FY 2017 E	nacted
	Approp.	CR *	Request	\$	%
Nuclear survivability	36,100	35,855	48,230	+12,130	+33.6%
Enhanced surveillance	42,228	41,941	58,375	+16,147	+38.2%
Stockpile Responsiveness			34,000	+34,000	N/A
Total, Engineering	132,482	131,582	211,367	+78,885	+59.5%
Inertial confinement fusion ignition and					
high yield					
Ignition	77,932	77,403	22,434	-55,498	-71.2%
Support of other stockpile programs	23,363	23,204	17,397	-5,966	-25.5%
Diagnostics, cryogenics and experimental					
support	64,196	63,760	51,453	-12,743	-19.9%
Pulsed power inertial confinement fusion	5,616	5,578	8,310	+2,694	+48.0%
Joint program in high energy density					
laboratory plasmas	9,492	9,428		-9,492	-100.0%
Facility operations and target production	342,360	340,035	319,333	-23,027	-6.7%
Total, Inertial confinement fusion and high					
yield	522,959	519,408	418,927	-104,032	-19.9%
Advanced simulation and computing					
Advanced simulation and computing	663,184	658,680	656,401	-6,783	-1.0%
Construction:					
18-D-670, Exascale Class Computer Cooling Equipment, LANL 18-D-620, Exascale Computing Facility			24,000	+24,000	N/A
			23.000	.22.000	NI / A
Modernization Project, LLNL			47,000	+23,000 +47,000	N/A N/A
Total, Advanced simulation and computing	663,184	658,680	703,401	+40,217	+6.1%
Advanced manufacturing development					
Additive manufacturing	12,000	11,919	17,447	+5,447	+45.4%
Component manufacturing development	46,583	46,267	48,477	+1,894	+4.1%
Process technology development	28,522	28,328	30,914	+2,392	+8.4%
Total, Advanced manufacturing development	87,105	86,514	96,838	+9,733	+11.2%
Total, RDT&E	1,842,230	1,829,721	1,995,393	+153,163	+8.3%
infrastructure and operations					
Operations of facilities	824,000	818,404	891,000	+67,000	+8.1%
Safety and environmental operations	110,000	109,253	115,000	+5,000	+4.5%
Maintenance and repair of facilities	324,000	321,800	365,000	+41,000	+12.7%
Infrastructure and safety	430,509	427,585	431,631	+1,122	+0.3%
Capability based investments	112,639	111,874	109,057	-3,582	-3.2%
Bannister federal complex disposition	200,000	198,642		-200,000	-100.0%
Total, Recapitalization	743,148	738,101	540,688	-202,460	-27.2%
Construction:	-,	,	,	,	
19-D-670, 138kV Power Transmission System Replacement, NNSS			6,000	+6,000	N/A
19-D-660, Lithium Production Capability, Y-12			19,000	+19,000	N/A
18-D-650, Tritium Production Capability, SRS			27,000	+27,000	N/A
17-D-640, U1a Complex Enhancements Project,	44 500	44.422	52.000	. 44 500	250.00
NNSS	11,500	11,422	53,000	+41,500	+360.9%
System, LLNL	25,000	24,830		-25,000	-100.0%
17-D-126, PF-4 reconfiguration project, LANL	8,000	7,946		-8,000	-100.0%
17-D-125, RLUOB reconfiguration project,					
LANL	1,000	993		-1,000	-100.0%
16-D-515, Albuquerque complex project	15,047	14,945	47,953	+32,906	+218.7%
15-D-613, Emergency Operations Center, Y-12	2,000	1,986		-2,000	-100.0%
15-D-302, TA-55 Reinvestment project					
Phase 3, LANL	2,000	1,986		-2,000	-100.0%

	FY 2017 Enacted	FY 2018 Annualized	FY 2019 Congressional	FY 2019 Request vs FY 2017 Enacted	
	Approp.	CR *	Request	\$	%
07-D-220-04, Transuranic liquid waste facility,					
LANL	17,053	16,937		-17,053	-100.0%
06-D-141, PED/Construction, UPF Y-12, Oak Ridge, TN	575,000	571,095	703,000	+128,000	+22.3%
Chemistry and metallurgy research replacement (CMRR)					
04-D-125, Chemistry and metallurgy research			225 225		
replacement project, LANL	75.000	74.401	235,095	+235,095	N/A
04-D-125 - 04, RLUOB equipment installation	75,000	74,491		-75,000	-100.0%
04-D-125 - 05, PF -4 equipment installation	75,615 150,615	75,101 149,592	235,095	-75,615 +84,480	-100.0% +56.1%
Total, Chemistry and metallurgy replacement (CMRR) Total, Construction	807,215	801,732	1,091,048	+283,833	+35.2%
Total, Infrastructure and operations	2,808,363	2,789,290	3,002,736	+194,373	+6.9%
Secure transportation asset					
Operations and equipment	151,771	150,741	176,617	+24,846	+16.4%
Program direction	97,118	96,458	102,022	+4,904	+5.0%
Total, Secure transportation asset	248,889	247,199	278,639	+29,750	+12.0%
Defense nuclear security					
Operations and maintenance	670,000	665,450	690,638	+20,638	+3.1%
Construction:					
17-D-710 West end protected area reduction					
project, Y-12	2,500	2,483		-2,500	-100.0%
14-D-710 Device assembly facility argus					
installation project, NNSS, NV	13,000	12,912		-13,000	-100.0%
Total, Defense nuclear security	685,500	680,845	690,638	+5,138	+0.7%
Information technology and cybersecurity	176,592	175,393	221,175	+44,583	+25.2%
Legacy contractor pensions	248,492	246,804	162,292	-86,200	-34.7%
Subtotal, Weapons activities	9,705,459	9,639,549	11,439,607	+1,734,148	+17.9%
Rescission of prior year balances	-72,526			+72,526	+100.0%
Rescission of prior year balances (Gen. Prov.)	-4,828	-13,138		+4,828	+100.0%
Total, Weapons Activities	9,240,739	9,241,675	11,017,078	1,776,339	+19.2%
Defense Nuclear Nonproliferation					
Defense Nuclear Nonproliferation Programs					
Global material security					
International nuclear security	66,027	65,579	46,339	-19,688	-29.8%
Domestic radiological security	87,199	86,607	90,764	+3,565	+4.1%
International radiological security	68,907	68,439	59,576	-9,331	-13.5%
Nuclear smuggling detection and deterrence	144,975	143,990	140,429	-4,546	-3.1%
Total, Global material security	367,108	364,615	337,108	-30,000	-8.2%
Material management and minimization					
HEU reactor conversion	75,615	75,101	98,300	+22,685	+30.0%
Nuclear material removal	68,902	68,434	32,925	-35,977	-52.2%
Material disposition	143,833	142,856	200,869	+57,036	+39.7%
Total, Material management and minimization	288,350	286,391	332,094	+43,744	+15.2%
Nonproliferation and arms control	124,703	123,856	129,703	+5,000	+4.0%
Defense nuclear nonproliferation R&D	469,750	466,560	456,095	-13,655	-2.9%
Nonproliferation construction					
18-D-150, Surplus Plutonium Disposition					
Project			59,000	+59,000	N/A
99-D-143, Mixed Oxide (MOX) Fuel Fabrication Facility, SRS	335,000	332,725	220,000	-115,000	-34.3%
Total, Nonproliferation construction	335,000	332,725	279,000	-56,000	-34.3%
Total, Defense Nuclear Nonproliferation Programs	1,584,911	1,574,147	1,534,000	-50,911	-3.2%

Γ	FY 2017	FY 2018	FY 2019	FY 2019 Req	uest vs
	Enacted	Annualized	Congressional	FY 2017 En	
	Approp.	CR *	Request	\$	%
Legacy contractor pensions	83,208	82,643	28,640	-54,568	-65.6%
Nuclear counterterrorism and incident response	,	,	,	•	
program	271,881	270,035	319,185	+47,304	+17.4%
Subtotal, Defense Nuclear Nonproliferation	1,940,000	1,926,825	1,881,825	-58,175	-3.0%
Adjustments					
Use of prior year balances	-38,000	-37,742	-19,000	+19,000	+50.0%
Subtotal, Defense Nuclear Nonproliferation	1,902,000	1,889,083	1,862,825	-39,175	-2.1%
Rescission					
Rescission of prior year balances	-19,128			+19,128	+100.0%
Rescission of prior year balances (Gen. Prov.)	-3,134	-3,113		+3,134	+100.0%
Total, Defense Nuclear Nonproliferation	1,879,738	1,885,970	1,862,825	-16,913	-0.9%
Naval Reactors					
Naval reactors development	440,338	437,348	514,951	+74,613	+16.9%
Ohio replacement reactor systems development	213,700	212,249	314,331	-213,700	-100.0%
Columbia-Class reactor systems development	213,700	212,249	138.000	+138,000	-100.070 N/A
S8G Prototype refueling	124,000	123,158	250,000	+126,000	+101.6%
Naval reactors operations and infrastructure	449,682	446,628	525,764	+76,082	+16.9%
Construction:	5,002	, . 2	323,.07	. 0,002	20.570
19-D-930, KS Overhead Piping			10,994	+10,994	N/A
17-D-911, BL Fire System Upgrade	1,400	1,390	13,200	+11,800	+842.9%
15-D-904, NRF Overpack Storage Expansion 3	700	695		-700	-100.0%
15-D-902, KS Engineroom team trainer facility	33,300	33,074		-33,300	-100.0%
14-D-901, Spent fuel handling recapitalization		22,21		,	
project, NRF	100,000	99,321	287,000	+187,000	+187.0%
10-D-903, Security upgrades, KS	12,900	12,812		-12,900	-100.0%
Total, Construction	148,300	147,292	311,194	+162,894	+109.8%
			48,709	+4,609	+10.5%
FIVE GILLUITECTION	44.100				
Program direction	44,100 1.420.120	43,801 1.410.476		•	
Subtotal, Naval Reactors	1,420,120	1,410,476	1,788,618	+368,498	
Subtotal, Naval Reactors Rescission	1,420,120			+368,498	+25.9%
Subtotal, Naval Reactors Rescission Rescission of prior year balances	1,420,120 -307	1,410,476	1,788,618	+368,498	+25.9% +100.0%
Subtotal, Naval Reactors Rescission	1,420,120	1,410,476	1,788,618	+368,498	+25.9%
Subtotal, Naval Reactors Rescission Rescission of prior year balances Rescission of prior year balances (Gen. Prov.)	1,420,120 -307 -21	1,410,476 -21	1,788,618 	+368,498 +307 +21	+25.9% +100.0% +100.0%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792	1,410,476 -21 1,410,455	1,788,618 1,788,618	+368,498 +307 +21 +368,826	+25.9% +100.0% +100.0% +26.0%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792	1,410,476 -21 1,410,455	1,788,618 1,788,618	+368,498 +307 +21 +368,826	+25.9% +100.0% +100.0% +26.0%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792	1,410,476 -21 1,410,455	1,788,618 1,788,618	+368,498 +307 +21 +368,826	+25.9% +100.0% +100.0% +26.0%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792	1,410,476 -21 1,410,455	1,788,618 1,788,618	+368,498 +307 +21 +368,826	+25.9% +100.0% +100.0% +26.0%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792	1,410,476 -21 1,410,455	1,788,618 1,788,618	+368,498 +307 +21 +368,826	+25.9% +100.0% +100.0% +26.0%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635	1,410,476 -21 1,410,455 12,922,836	1,788,618 1,788,618 15,091,050	+368,498 +307 +21 +368,826 +2,163,415	+25.9% +100.0% +100.0% +26.0% +16.7%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635	1,410,476 	1,788,618 1,788,618 15,091,050	+368,498 +307 +21 +368,826 +2,163,415	+25.9% +100.0% +100.0% +26.0% +16.7%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635 306,959 205,000	1,410,476 	1,788,618 1,788,618 15,091,050 68,500 37,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000	+25.9% +100.0% +100.0% +26.0% +16.7%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635	1,410,476 	1,788,618 1,788,618 15,091,050	+368,498 +307 +21 +368,826 +2,163,415	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635 306,959 205,000 101,000	1,410,476 	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635 306,959 205,000 101,000 612,959	1,410,476	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3%
Subtotal, Naval Reactors	306,959 205,000 101,000 612,959	1,410,47621 1,410,455 12,922,836 304,874 203,608 100,315 608,797	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3%
Subtotal, Naval Reactors	306,959 205,000 101,000 612,959 207,600 90,000	1,410,47621 1,410,455 12,922,836 304,874 203,608 100,315 608,797 206,190 89,388	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600 -57,000	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3%
Subtotal, Naval Reactors	306,959 205,000 101,000 612,959 207,600 90,000 84,000	1,410,47621 1,410,455 12,922,836 304,874 203,608 100,315 608,797 206,190 89,388 83,429	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000 45,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -49,459 -140,600 -57,000 -39,000	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3% -67.7% -63.3% -46.4%
Subtotal, Naval Reactors	306,959 205,000 101,000 612,959 207,600 90,000	1,410,47621 1,410,455 12,922,836 304,874 203,608 100,315 608,797 206,190 89,388	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600 -57,000	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3% -67.7% -63.3% -46.4% -56.8%
Subtotal, Naval Reactors	306,959 205,000 101,000 612,959 207,600 90,000 84,000 69,500	1,410,476	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000 45,000 30,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600 -57,000 -39,000 -39,500	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3% -67.7% -63.3% -46.4% -56.8%
Subtotal, Naval Reactors	306,959 205,000 101,000 612,959 207,600 90,000 84,000 69,500	1,410,476	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000 45,000 30,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600 -57,000 -39,000 -39,500	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3% -67.7% -63.3% -46.4% -56.8% -61.2%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635 306,959 205,000 101,000 612,959 207,600 90,000 84,000 69,500 451,100	1,410,476	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000 45,000 30,000 175,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600 -57,000 -39,000 -39,500 -276,100	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3% -67.7% -63.3% -46.4% -56.8% -61.2%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635 306,959 205,000 101,000 612,959 207,600 90,000 84,000 69,500 451,100	1,410,476	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000 45,000 30,000 175,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600 -57,000 -39,000 -39,500 -276,100	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3% -67.7% -63.3% -61.2% -70.9% -63.0%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635 306,959 205,000 101,000 612,959 207,600 90,000 84,000 69,500 451,100 257,500 27,000	1,410,476	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000 45,000 30,000 175,000 10,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600 -57,000 -39,500 -276,100 -182,500 -17,000	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3% -67.7% -63.3% -61.2% -70.9% -63.0%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635 306,959 205,000 101,000 612,959 207,600 90,000 84,000 69,500 451,100 257,500 27,000	1,410,476	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000 45,000 30,000 175,000 10,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600 -57,000 -39,500 -276,100 -182,500 -17,000	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3% -67.7% -63.3% -61.2% -70.9% -63.0%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635 306,959 205,000 101,000 612,959 207,600 90,000 84,000 69,500 451,100 257,500 27,000	1,410,476	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000 45,000 30,000 175,000 10,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -449,459 -140,600 -57,000 -39,500 -276,100 -182,500 -17,000	+25.9% +100.0% +100.0% +26.0% +16.7% -77.7% -82.0% -42.6% -73.3% -67.7% -63.3% -61.2% -70.9% -63.0% -71.4%
Subtotal, Naval Reactors	1,420,120 -307 -21 1,419,792 12,927,635 306,959 205,000 101,000 612,959 207,600 90,000 84,000 69,500 451,100 257,500 27,000 199,141	1,410,47621 1,410,455 12,922,836 304,874 203,608 100,315 608,797 206,190 89,388 83,429 69,028 448,035 255,751 26,817 197,789	1,788,618 1,788,618 15,091,050 68,500 37,000 58,000 163,500 67,000 33,000 45,000 30,000 175,000 10,000 57,000	+368,498 +307 +21 +368,826 +2,163,415 -238,459 -168,000 -43,000 -49,459 -140,600 -57,000 -39,000 -39,500 -276,100 -182,500 -17,000 -142,141	+25.9% +100.0% +100.0% +26.0%

Γ	FY 2017	FY 2018	FY 2019	FY 2019 Request vs	
	Enacted	Annualized	Congressional	FY 2017 En:	
State energy pro	Approp.	CR *	Request	\$	100.0%
State energy program grants	50,000	49,660		-50,000	-100.0%
Total, Weatherization & intergovernmental	278,000	276,112		-278,000	-100.0%
Total, Energy efficiency	761,641	756,469	142,000	-619,641	-81.4%
			,	,	
Corporate support programs:					
Program direction	153,500	152,458	125,110	-28,390	-18.5%
Strategic programs	19,000	18,871		-19,000	-100.0%
Facilities and infrastructure (NREL O&M)					
National renewable energy laboratory (NREL)	02.000	04 275	00.000	2.000	2.20/
Operation and maintenance Total, Corporate support programs		91,375 262,704	90,000 215,110	-2,000 -49,390	-2.2% -18.7%
Subtotal, Energy Efficiency and Renew. Energy RDD	2,090,200	2,076,005	695,610	-1,394,590	-66.7%
Subtotal, Energy Efficiency and Renewable Energy	2,090,200	2,076,005	695,610	-1,394,590	-66.7%
Rescissions	_,,,,_,,	_,,	,	_,,	
Rescission of prior year balances (Gen. Prov. EERE)	-55,618	-35,756		+55,618	+100.0%
Total, Energy Efficiency and Renewable Energy	2,034,582	2,040,249	695,610	-1,338,972	-65.8%
Office of Electricity Delivery and Reliability					
Electricity Delivery & Energy Reliability	26.000	25.756		25.000	400.00/
Clean energy transmission and reliability	36,000	35,756		-36,000	-100.0%
Energy storage	31,000 6,000	30,790 5,959		-31,000 -6,000	-100.0% -100.0%
Transformer resilience and advanced components Infrastructure security & energy	6,000	5,959		-6,000	-100.0%
restoration	9,000	8,939		-9,000	-100.0%
Smart grid research and development	50,000	49,660		-50,000	-100.0%
National electricity delivery	7,500	7,449		-7,500	-100.0%
Cybersecurity for energy delivery systems	62,000	61,579		-62,000	-100.0%
Program direction	28,500	28,306		-28,500	-100.0%
Rescission					
Rescission of prior year balances (Gen. Prov.)		-412		+415	+100.0%
Total, Electricity Delivery and Energy Reliability	229,585	228,026		-229,585	-100.0%
Office of Electricity Delivery					
Transmission Reliability and Resilience			13,000	+13,000	N/A
Resilient distribution systems			10,002	+10,002	N/A
Energy storage			8,000	+8,000	N/A
Transformer resilience and advanced components			5,000	+5,000	N/A
Transmission permitting and technical assistance			6,000	+6,000	N/A
Program direction - Office Electricity			19,307	+19,307	N/A
Total, Office of Electricity Delivery			61,309	+61,309	N/A
Power Marketing Administrations					
Southeastern Power Administration					
Purchase power and wheeling	78,929		73,184	-5,745	-7.3%
Program direction	6,000		6,500	+500	+8.3%
Undistributed		84,352			N/A
Subtotal, Southeastern Power Administration	84,929	84,352	79,684	-5,245	-6.2%
Less alternative financing (for PPW)	-18,169	-27,739	-13,824	+4,345	+23.9%
Offsetting collections (PD)	-1,000	-993	-6,500	-5,500	-550.0%
Offsetting collections (for PPW)	-60,760	-50,654	-59,360	+1,400	+2.3%
Use of Prior Year Balances	-5,000	-4,966		+5,000	+100.0%
Total, Southeastern Power Administration					N/A
Southwestern Power Administration					
Operations and maintenance	13,896		17,006	+3,110	+22.4%
Purchase power and wheeling	83,000		93,000	+10,000	+22.4%
Program direction	31,516		32,995	+1,479	+4.7%
Construction	12,486		16,875	+4,389	+35.2%
Undistributed		83,984			N/A
Subtotal, Southwestern Power Administration	140,898	83,984	159,876	18,978	+13.5%
,	=,0	,-5.	,	-,	,

	FY 2017	FY 2018	FY 2019	FY 2019 Requ	uest vs
	Enacted	ted Annualized	ed Congressional	FY 2017 Enacted	
	Approp.	CR *	Request	\$	%
Less alternative financing (for O&M)	-6,269	-9,042	-8,894	-2,625	-41.99
Less alternative financing (for PPW)	-10,000	-10,068	-10,000		N/A
Less alternative financing (Const)	-5,986	-9,609	-12,180	-6,194	-103.5%
Offsetting collections (for program direction)	-29,271	-29,072	-29,695	-424	-1.49
Offsetting collections (for O&M)	-5,315	-5,279	-5,707	-392	-7.49
Offsetting collections (for PPW)	-73,000	-9,932	-83,000	-10,000	-13.79
Total, Southwestern Power Administration	11,057	10,982	10,400	-657	-5.9%
Western Area Power Administration					
Western Area Power Administration (CROM)					
Construction and rehabilitation	62,442		32,632	-29,810	-47.79
Operation and maintenance	76,697		77,056	+359	+0.59
Purchase power and wheeling	581,634		567,362	-14,272	-2.59
Program Direction	226,497		238,483	+11,986	+5.39
Subtotal, Western Area Power Administration (CROM)	947,270		915,533	-31,737	-3.49
Adjustments:					
Less alternative financing (for Construction)	-43,884		-27,077	+16,807	+38.39
Less alternative financing (for Program Dir.)	-6,343		-39,136	-32,793	-517.0
Less alternative financing (for O&M)	,		-7,758	-7,758	N/
Less alternative financing (for PPW)	-214,625		-260,954	-46,329	-21.6
Offsetting collections (for program direction)	-150,441	-149,419	-150,761	-320	-0.2
Offsetting collections (for O&M)	-27,122	-26,938	-25,009	+2,113	+7.8
Offsetting collections (P.L. 108-447/109-103)	-367,009	-179,000	-306,408	+60,601	+16.5
Offsetting collections (P.L. 98-381)	-8,265	-8,209	-9,058	-793	-9.6
Use of Prior Year Balances	-34,000	-8,209	-9,038	+34,000	+100.0
Subtotal, Adjustments	-851,689	-363,566	-826,161	+25,528	+3.09
Undistributed	-851,089		-820,161	+25,526	
-	95,581	458,498			N/
Subtotal, Western Area Power Administration (CROM)	95,581	94,932	89,372	-6,209	-6.59
Rescission:					400.00
Rescission of prior year balances (Gen. Prov.)	-839	-833		+839	+100.09
Total, Western Area Power Administration (CROM)	94,742	94,099	89,372	-5,370	-5.7%
Falcon and Amistad Operating and Maintenance Fund	4 202		5 220	.026	. 24. 20
Operation and maintenance	4,393		5,329	+936	+21.39
Offsetting collections	-3,838	-3,812	-4,979	-1,141	-29.79
Less alternative financing	-323		-122	+201	+62.29
Undistributed		4,042			N/
Total, Falcon and Amistad Fund	232	230	228	-4	-1.79
Colorado River Basins Power Marketing Fund					
Spending authority from offsetting collections					
Equipment, contracts and other related expense	151,324		157,389	+6,065	+4.09
Program direction	62,206		62,948	+742	+1.2
Total, Spending authority from offsetting					
collections	213,530		220,337	+6,807	+3.29
Offsetting collections	-236,530		-243,337	-6,807	-2.99
Undistributed		-22,844			N/
Total, Colorado River Basins Power Marketing Fund	-23,000	-22,844	-23,000		N/
Total, Western Area Power Administration	71,974	71,485	66,600	-5,374	-7.59
tal, Power Marketing Administrations	83,031	82,467	77,000	-6,031	-7.39
Total, Western Area Power Administrationtal, Power Marketing Administrations				·	
fice of Cybersecurity, Energy Security,					
fice of Cybersecurity, Energy Security, d Emergency Response Infrastructure security & energy					
d Emergency Response Infrastructure security & energy			18.000	+18.000	N/
d Emergency Response Infrastructure security & energy restoration			18,000 70,000	+18,000 +70,000	-
d Emergency Response Infrastructure security & energy restoration			70,000	+70,000	N// N//
d Emergency Response Infrastructure security & energy restoration					-

	FY 2017	FY 2018	FY 2019	FY 2019 Request vs FY 2017 Enacted	
	Enacted	Annualized	Congressional		
etroleum Reserves:	Approp.	CR *	Request	\$	%
Naval Petroleum and Oil Shale Reserve					
Naval petroleum & oil shale reserve	14,950	14,848	20,550	+5,600	+37.5
Use of prior year balances			-10,550	-10,550	N
Rescission of prior year balances (Gen. Prov.)				+2,945	+100.0
Total, Naval Petroleum & Oil Shale Reserve		14,848	10,000	-2,005	-16.
Strategic petroleum reserve	223,000	221,485	175,105	-47,895	-21.
Sale of crude oil	,	-337,691	-300,000	+40,000	+11.
Use of sale proceeds		337,691	300,000	-40,000	-11.
Rescission	340,000	337,031	300,000	40,000	11.
Rescission of prior year balances (Gen. Prov.)	395			+395	+100.
Total, Strategic Petroleum Reserve		221,485	175,105	-47,500	-21.
SPR - Petroleum Account					
Petroleum Acquisition, Transportation and Drawdown	7,364		9,912	+2,548	+34.
Use of Crude Oil Sale Proceeds			-9,912	-9,912	١
Northeast Gasoline Supply Reserve			3,000	+3,000	1
Use of prior year balances	7,364		-3,000	+4,364	+59.
Total, SPR - Petroleum Account					1
Northeast Home Heating Oil Reserve					
Northeast Home heating oil reserve	10,500	10,429	10,000	-500	-4.
Use of prior year balances	-4,000	-3,973		+4,000	+100.
Rescissions				+3	+100.
Total, Northeast Home Heating Oil Reserve	6,497	6,456	10,000	+3,503	+53.
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development	241,107	242,789	195,105	-46,002	-19.
stant Secretary For Fossil Energy ossil Energy Research and Development	241,107	242,789	195,105	-46,002	-13.
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal		100,314	195,105	-101,000	
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems	101,000	·		·	-100
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture	101,000 95,300	100,314		-101,000	-100 -100
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653		-101,000 -95,300	-100 -100 -100
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287	 	-101,000 -95,300 -105,000	-100 -100 -100 -100
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture	101,000 95,300 105,000 45,500 53,000	100,314 94,653 104,287 45,190	 	-101,000 -95,300 -105,000 -45,500	-100. -100. -100. -100. -100.
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture	101,000 95,300 105,000 45,500 53,000 24,000	100,314 94,653 104,287 45,190 52,640		-101,000 -95,300 -105,000 -45,500 -53,000	-100. -100. -100. -100. -100.
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837		-101,000 -95,300 -105,000 -45,500 -53,000 -24,000	-100 -100 -100 -100 -100 -100
stant Secretary For Fossil Energy possil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837 420,921		-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800	-100 -100 -100 -100 -100 -100 -100
stant Secretary For Fossil Energy Dossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837 420,921	 175,000	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000	-100 -100 -100 -100 -100 -100 -100
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837 420,921	175,000 53,300	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300	-100 -100 -100 -100 -100 -100 -100
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture Carbon Storage Advanced Energy Systems Cross-cutting research NETL coal research and development. Supercritical Transformational Electric Power. Total, Coal CCS and Power Systems Total, Coal CS and Power Systems Total, Coal Energy Systems & CCUS Advanced Coal Energy Systems Crosscutting Research Carbon Capture Utilization and Storage		100,314 94,653 104,287 45,190 52,640 23,837 420,921	175,000 53,300 40,000	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000	-100 -100 -100 -100 -100 -100 -100
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture Carbon Storage Advanced Energy Systems Cross-cutting research NETL coal research and development. Supercritical Transformational Electric Power. Total, Coal CCS and Power Systems Total, Coal Advanced Coal Energy Systems & CCUS Advanced Energy Systems Crosscutting Research Carbon Capture Utilization and Storage NETL Coal Research and Development	101,000 95,300 105,000 45,500 53,000 24,000 423,800	100,314 94,653 104,287 45,190 52,640 23,837 420,921 420,921	175,000 53,300 40,000 50,000	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000	-100100100100100100100100.
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture	101,000 95,300 105,000 45,500 53,000 24,000 423,800	100,314 94,653 104,287 45,190 52,640 23,837 420,921	175,000 53,300 40,000	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000	-100 -100 -100 -100 -100 -100 -100
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837 420,921	175,000 53,300 40,000 50,000 25,000 343,300	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000 +343,300	-100100100100100100100100.
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837 420,921	175,000 53,300 40,000 50,000 25,000	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000	-100. -100. -100. -100. -100. -100.
stant Secretary For Fossil Energy possil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837 420,921 420,921	175,000 53,300 40,000 50,000 25,000 343,300	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000 +343,300 -37,500	-100. -100. -100. -100. -100. -100. -100.
stant Secretary For Fossil Energy possil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837 420,921	175,000 53,300 40,000 50,000 25,000 343,300	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000 +343,300	-100. -100. -100. -100. -100. -100. -100.
stant Secretary For Fossil Energy possil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837 420,921 420,921 420,921	175,000 53,300 40,000 50,000 25,000 343,300 14,000	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000 +343,300 -37,500 -7,000	-100 -100 -100 -100 -100 -100 -100 -100
stant Secretary For Fossil Energy possil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture		100,314 94,653 104,287 45,190 52,640 23,837 420,921 420,921 420,921 420,921	175,000 53,300 40,000 50,000 25,000 343,300 5,500 14,000	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000 +343,300 -7,000 -500	-100100100100100100100100100100100100100100.
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture Carbon Storage Advanced Energy Systems Cross-cutting research NETL coal research and development. Supercritical Transformational Electric Power. Total, Coal CCS and Power Systems Total, Coal Advanced Coal Energy Systems & CCUS Advanced Energy Systems & CCUS Advanced Energy Systems Crosscutting Research Carbon Capture Utilization and Storage NETL Coal Research and Development. Supercritical Transformational Electric Power (STEP) Total, Advanced Coal Energy Systems & CCUS Natural gas technologies Unconventional fossil energy technologies from Petroleum - Oil technologies Program direction	101,000 95,300 105,000 45,500 53,000 24,000 423,800 423,800 423,800 43,000 43,000 60,000 43,000	100,314 94,653 104,287 45,190 52,640 23,837 420,921 420,921 420,921 42,708 20,857 695 59,593	175,000 53,300 40,000 50,000 25,000 343,300 14,000 200 61,070	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000 -37,500 -7,000 -500 +1,070	-100.
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture Carbon Storage Advanced Energy Systems Cross-cutting research NETL coal research and development. Supercritical Transformational Electric Power. Total, Coal CCS and Power Systems. Total, Coal Advanced Coal Energy Systems & CCUS Advanced Energy Systems Crosscutting Research Carbon Capture Utilization and Storage NETL Coal Research and Development Supercritical Transformational Electric Power (STEP) Total, Advanced Coal Energy Systems & CCUS Natural gas technologies Unconventional fossil energy technologies from Petroleum - Oil technologies Program direction NETL Research and Operations NETL Research and Operations NETL Infrastructure and operations	101,000 95,300 105,000 45,500 53,000 24,000 423,800 423,800 43,000 43,000 43,000 40,500	100,314 94,653 104,287 45,190 52,640 23,837 420,921 420,921 420,921 42,708 20,857 695 59,593 42,708	175,000 53,300 40,000 50,000 25,000 343,300 14,000 200 61,070 40,000	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000 -37,500 -7,000 -500 +1,070 -3,000	-100100100100100100100100101.
stant Secretary For Fossil Energy ossil Energy Research and Development Fossil Energy Research and Development Coal Coal CCS and Power Systems Carbon Capture	101,000 95,300 105,000 45,500 53,000 24,000 423,800 423,800 43,000 43,000 43,000 40,500 632,000	100,314 94,653 104,287 45,190 52,640 23,837 420,921 420,921 42,708 20,857 695 59,593 42,708 40,226	175,000 53,300 40,000 50,000 25,000 343,300 14,000 200 61,070 40,000 38,000	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000 -37,500 -7,000 -500 +1,070 -3,000 -2,500	-100.
Coal Coal CCS and Power Systems Carbon Capture	101,000 95,300 105,000 45,500 53,000 24,000 423,800 423,800 43,000 43,000 43,000 40,500 632,000	100,314 94,653 104,287 45,190 52,640 23,837 420,921 420,921 420,921 42,708 20,857 695 59,593 42,708 40,226 627,708	175,000 53,300 40,000 50,000 25,000 343,300 14,000 200 61,070 40,000 38,000 502,070	-101,000 -95,300 -105,000 -45,500 -53,000 -24,000 -423,800 -423,800 +175,000 +53,300 +40,000 +50,000 +25,000 -37,500 -7,000 -500 +1,070 -3,000 -2,500 -129,930	-100100100100100100100100100100100100100100100100100.

	FY 2017	FY 2018	FY 2019	FY 2019 Req	uest vs
	Enacted	Annualized	Congressional	FY 2017 En	acted
	Approp.	CR *	Request	\$	%
Rescission:			-	•	
FE Rescission of prior year balances (Gen. Prov.)	-240,000	-238,370		+240,000	+100.0%
Rescission of prior year balances (Gen. Prov.)	-6,846			+6,846	+100.0%
Total, Rescission	-246,846	-238,370		+246,846	+100.0%
Total, Fossil Energy Research and Development	421,154	425,093	502,070	+80,916	+19.2%
Office of Nuclear Energy					
Nuclear Energy					
Research and Development	F 000	4.000		F 000	100.00/
Integrated University Program	5,000	4,966		-5,000	-100.0%
Step R&D SMR licensing technical support	5,000 95,000	4,966 94,355		-5,000 -95,000	-100.0% -100.0%
Reactor Concepts RD&D	132,000	131,103	163,000	+31,000	+23.5%
Fuel cycle research and development	207,500	206,091	60,000	-147,500	-71.1%
Nuclear Energy Enabling Technologies	115,100	114,319	116,000	+900	+0.8%
International nuclear energy cooperation	3,000	2,980	2,500	-500	-16.7%
Total, Research and Development	562,600	558,780	341,500	-221,100	-39.3%
Radiological facility management	17,000	16,884	9,000	-8,000	-47.1%
Idaho facilities management					
Idaho operations and maintenance	231,713	230,139	204,000	-27,713	-12.0%
Construction:					100.00/
16-E-200 Sample preparation laboratory	6,000	5,959		-6,000	-100.0%
Total, Idaho facilities management	237,713	236,098	204,000	-33,713	-14.2%
Idaho sitewide safeguards and security	129,303	128,425	136,090	+6,787	+5.2%
Program Direction	80,000	79,457 1,019,644	66,500	-13,500	-16.9% -26.3%
Adjustments:	1,026,616	1,019,044	757,090	-269,526	-20.3%
Use of prior year balances (NE)	-10,000			+10,000	+100.0%
Undistributed, NE	-10,000	-9,932		+10,000	N/A
Total, Adjustments		-9,932		+10,000	+100.0%
Subtotal, Nuclear Energy	1,016,616	1,009,712	757,090	-259,526	-25.5%
Rescission of prior year balances (Gen. Prov.)		-790		+795	+100.0%
Total, Nuclear Energy	1,015,821	1,008,922	757,090	-258,731	-25.5%
Defense (050) function(non-add)	(129,303)	(128,425)	(136,090)		
Energy (270) function(non-add)	(886,518)	(880,497)	(621,000)		
Yucca Mountain and Interim Storage	(880,318)	(880,437)	(021,000)		
Defense Nuclear Waste Disposal					
Yucca mountain and interim storage			30,000	+30,000	N/A
Total, Defense Nuclear Waste			30,000	+30,000	N/A
Nuclear Waste Disposal					
Yucca mountain and interim storage			90,000	+90,000	N/A
Total, Nuclear Waste Disposal			90,000	+90,000	N/A
Total, Yucca Mountain and Interim Storage			120,000	+120,000	N/A
Energy Policy and Systems Analysis					
Departmental Administration					
Program direction	31,000	30,789		-31,000	-100.0%
Rescission of prior year balances	-1			+1	+100.0%
Total, Energy Policy and Systems Analysis	30,999	30,789		-30,999	-100.0%
Office of Indian Energy					
Departmental Administration					
Program direction	16,000	15,891	10,005	-5,995	-37.5%
Total, Office of Indian Energy	•	15,891	10,005	-5,995	-37.5%
	-,	-,	-,	-,	

	FY 2017 Enacted	FY 2018 Annualized	FY 2019 Congressional	FY 2019 Request vs FY 2017 Enacted	
	Approp.	CR *	Request	\$	%
Office of Policy		Cit	ricquest	Ÿ	/0
Departmental Administration					
Program direction			2,510	+2,510	N/A
Total, Office of Policy			2,510	+2,510	N/A
Project Management Oversight and Assessments					
Departmental Administration Program direction	12,373	12,289	15,005	+2,632	+21.3%
Funding from other defense activities (PMOA)		12,289	-8,412	-8,412	N/A
Total, Departmental Administration	12,373	12,289	6,593	-5,780	-46.7%
,	,-	,	-,	-,	
Other Defense Activities					
Project management oversight and Assessments			8,412	+8,412	N/A
Total, Project Management Oversight Assessments	12,373	12,289	15,005	+2,632	+21.3%
Environment, Health, Safety and Security					
Environment, health, safety and security	126,972	126,110	135,194	+8,222	+6.5%
Program direction	64,000	63,565	70,653	+6,653	+10.4%
Rescission of prior year balances	-1,146			+1,146	+100.0%
Total, Environment, Health, Safety and Security	189,826	189,675	205,847	+16,021	+8.4%
Title 17 - Innovative Technology Loan Guarantee Program					
Administrative expenses	37,000	36,749	10,000	-27,000	-73.0%
Offsetting collections	-27,000	-20,000	-3,000	+24,000	+88.9%
Subtotal, Title 17 - Innovative Technology	27,000	20,000	3,000	. 24,000	100.570
Loan Guarantee Program	10,000	16,749	7,000	-3,000	-30.0%
Rescission of prior year balances (Gen. Prov.)	-9,861			+9,861	+100.0%
Total, Title 17 - Innovative Technology					
Loan Guarantee Program	139	16,749	7,000	+6,861	+4,936.0%
Advanced Technology Vehicles Manufacturing					
Loan Program					
Administrative expenses	5,000	4,966	1,000	-4,000	-80.0%
Rescission of prior year balances	-1,117	,	, 	+1,117	+100.0%
Total, Advanced Technology Vehicles					
Manufacturing Loan Program	3,883	4,966	1,000	-2,883	-74.2%
71115					
Tribal Energy Loan Guarantee Program Administrative operations	9,000	8,939		-9,000	-100.0%
Cancellation			-8,500	-8,500	N/A
Total, Tribal Energy Loan Guarantee Program	9,000	8,939	-8,500	-17,500	-194.4%
Office of Science					
Office of Science Advanced Scientific Computing Research					
Construction:	483 000	479 720	666 304	±182 20 <i>1</i>	±38 U%
	483,000	479,720	666,304	+183,304	+38.0%
17-SC 20 SC Exascale Computing Project (SC-ECP) Total, Advanced Scientific Computing Research		479,720 162,886 642,606	232,706 899,010	+183,304 +68,706 252,010	+38.0% +41.9% +39.0%
17-SC 20 SC Exascale Computing Project (SC-ECP)	164,000	162,886	232,706	+68,706	+41.9%
17-SC 20 SC Exascale Computing Project (SC-ECP) Total, Advanced Scientific Computing Research	164,000	162,886	232,706	+68,706	+41.9%
17-SC 20 SC Exascale Computing Project (SC-ECP) Total, Advanced Scientific Computing Research	164,000 647,000	162,886 642,606	232,706 899,010	+68,706 252,010	+41.9%
17-SC 20 SC Exascale Computing Project (SC-ECP) Total, Advanced Scientific Computing Research Basic Energy Sciences Research	164,000 647,000	162,886 642,606	232,706 899,010	+68,706 252,010	+41.9%
17-SC 20 SC Exascale Computing Project (SC-ECP)	164,000 647,000	162,886 642,606	232,706 899,010	+68,706 252,010	+41.9%
17-SC 20 SC Exascale Computing Project (SC-ECP)	164,000 647,000 1,681,500	162,886 642,606	232,706 899,010 1,635,700 10,000	+68,706 252,010 -45,800 +10,000	+41.9% +39.0% -2.7% N/A
17-SC 20 SC Exascale Computing Project (SC-ECP) Total, Advanced Scientific Computing Research Basic Energy Sciences Research Construction 19-SC-10 Advanced Light Source Upgrade (ALS-U) LBNL	164,000 647,000 1,681,500	162,886 642,606	232,706 899,010 1,635,700	+68,706 252,010 -45,800	+41.9% +39.0% -2.7%

	FY 2017 Enacted	FY 2018 Annualized	FY 2019 Congressional	FY 2019 Req FY 2017 En	
	Approp.	CR *	Request	\$	%
13-SC-10 Linac Coherent Light Source-II, SLAC	190,000	188,710	139,300	-50,700	-26.79
Total, Construction	190,000	188,710	214,300	+24,300	+12.89
Total, Basic Energy Sciences	1,871,500	1,858,791	1,850,000	-21,500	-1.19
Biological and Environmental Research	612,000	607,844	500,000	-112,000	-18.3%
Fusion Energy sciences	222 222		255 222	55.000	40 =
Research	330,000	327,759	265,000	-65,000	-19.7
Construction: 14-SC-60 TER	50,000	49,660	75,000	+25,000	+50.0
Total, Fusion Energy sciences	380,000	377,419	340,000	-40,000	-10.5
High Energy Physics					
Research	731,500	726,532	627,000	-104,500	-14.3
Construction:					
11-SC-40 Long Baseline Neutrino Facility/Deep					
Underground Neutrino Experiment, FNAL	50,000	49,660	113,000	+63,000	+126.0
11-SC-41 Muon to Electron Conversion					
Experiment, FNAL	43,500	43,205	30,000	-13,500	-31.0
Total, Construction	93,500	92,865	143,000	+49,500	+52.9
Total, High Energy Physics	825,000	819,397	770,000	-55,000	-6.7
Nuclear Physics	F22 000	F20 F76	F3F 000	12.000	.0.4
Operation and Maintenance	522,000	520,576	525,000	+3,000	+0.0
Construction: 14-SC-50 Facility for Rare Isotope Beams					
Michigan State University	100,000	97,200	75,000	-25,000	-25.0
Total, Nuclear physics	622,000	617,776	600,000	-22,000	-23.
Workforce Development for Teachers and Scientists	19,500	19,368	19,000	-500	-2.6
Science Laboratories Infrastructure Infrastructure Support					
Payment in Lieu of Taxes	1,764	1,752	1,513	-251	-14.2
Oak Ridge Landlord	6,182	6,140	6,434	+252	+4.2
Oak Ridge Nuclear Operations	26,000	25,823	10,000	-16,000	-61.5
Facilities and Infrastructure	32,603	32,382	30,724	-1,879	-5.8
Total, Infrastructure support	66,549	66,097	48,671	-17,878	-26.9
Construction					
19-SC-71 Science User Support Center (SUSC)			2,000	+2,000	N
19-SC-72 Electrical Capacity and Distribution Capability, ANL			20,000	+20,000	N
18-SC-71 Energy Sciences Capability at PNNL 17-SC-71 Integrated Engineering Research			4,000	+4,000	N
Center, FNAL	2,500	2,483	5,000	+2,500	+100.0
(BNL)	1,800	1,788	13,632	+11,832	+657.3
15-SC-78 Integrative Genomics Building, LBNL	19,561	19,428	13,549	-6,012	-30.7
15-SC-77 Photon Science Laboratory Building, SLAC	20,000	19,864		-20,000	-100.0
15-SC-76 Materials Design Laboratory, ANL	19,590	19,457	20,000	+410	+2.1
Total, Construction	63,451	63,020	78,181	+14,730	+23.2
Total, Science Laboratories Infrastructure	130,000	129,117	126,852	-3,148	-2.4
Safeguards and Security	103,000	102,301	106,110	+3,110	+3.0
Science Program Direction	182,000	180,764	180,000	-2,000	-1.1
ıbtotal, Science	5,392,000	5,355,383	5,390,972	-1,028	-0.0
Rescission of prior year balances (Gen. Prov.)	-1,028	-1,021		+1,028	+100.0
, Office of Science	5,390,972	5,354,362	5,390,972		N/

Γ	FY 2017	FY 2018	FY 2019	FY 2019 Requ	uest vs
	Enacted	Annualized	Congressional	FY 2017 Ena	acted
	Approp.	CR *	Request	\$	%
Assistant Secretary For Environmental Management		<u>'</u>	•		
Non-Defense Environmental Cleanup					
Fast flux test reactor facility (WA)	2,240	2,225	2,240		N/A
Gaseous diffusion plants	101,304	100,616	100,575	-729	-0.7%
Small sites	77,043	76,521	55,031	-22,012	-28.6%
West Valley demonstration project	66,413	65,962	60,554	-5,859	-8.8%
ubtotal, Non-defense environmental cleanup	247,000	245,324	218,400	-28,600	-11.6%
Rescission of prior year balances (Gen. Prov.)	-238			+238	+100.0%
Total, Non-Defense Environmental Cleanup	246,762	245,324	218,400	-28,362	-11.5%
Defense Environmental Cleanup					
Closure sites:					
Closure sites administration	9,389	9,325	4,889	-4,500	-47.9%
River corridor and other cleanup operations:					
River corridor and other cleanup operations	143,755	142,779	89,577	-54,178	-37.7%
Central plateau remediation:					
Central plateau remediation	659,818	655,337	562,473	-97,345	-14.8%
Richland community and regulatory support Construction:	24,701	24,533	5,121	-19,580	-79.3%
18-D-404 WESF Modifications and Capsule Storage			1,000	+1,000	N/A
15-D-401 Containerized sludge removal			,	,	,
annex, RL	11,486	11,408		-11,486	-100.0%
Total, Construction	11,486	11,408	1,000	-10,486	-91.3%
Total, Richland	839,760	834,057	658,171	-181,589	-21.6%
Office of River Protection:	2 000	2.000	45.000	.12.000	400.00
Waste Treatment Immobilization Plant Commissioning	3,000	2,980	15,000	+12,000	+400.0%
Rad liquid tank waste stabilization	722.005	720.001	677.460	EC E05	7 70
and disposition	733,965	728,981	677,460	-56,505	-7.7%
Construction:	593,000	F00 073	675.000	. 92 000	.12.00/
01-D-16 A-D, Waste treatment and immobilization plant	,	588,973	675,000	+82,000	+13.8%
01-D-16 E, Pretreatment Facility	97,000	96,341	15,000	-82,000	-84.3%
15-D-409 Low activity waste pretreatment	73,000	72,504	56,053	-16,947	-23.2%
system, ORP			690,000	-10,947	
Total, Construction	690,000 1,499,965	685,314 1,489,779	1,438,513	-61,452	N/A -4.1%
Idaho National Laboratory:	270.000	276 542	246.026	22.062	0.70
Idaho Cleanup and Waste Disposition	379,088	376,513	346,026	-33,062	-8.7%
Idaho community and regulatory support	3,000	2,980	3,200	+200	+6.7%
Total, Idaho National Laboratory	382,088	379,493	349,226	-32,862	-8.6%
NNSA sites and Nevada off-sites	1 200	4 207	4 704	, 200	. 22. 40
Lawrence Livermore National Laboratory(Defense) Nuclear facility D & D	1,396	1,387	1,704	+308	+22.1%
Separations Process Research Unit	3,685	3,660	15,000	+11,315	+307.1%
Nevada	62,176	61,754	60,136	-2,040	-3.3%
Sandia National Laboratories	4,130	4,102	2,600	-1,530	-37.0%
Los Alamos National Laboratory		192,683	191,629	-2,371	-1.2%
Total, NNSA sites and Nevada off-sites	265,387	263,586	271,069	+5,682	+2.1%
rotal, mion sites and merada on sites	203,307	203,300	271,003	13,002	TZ.1/
Oak Ridge Reservation:					
OR Nuclear facility D & D	131,851	130,956	90,221	-41,630	-31.6%
U233 Disposition Program	43,311	43,017	45,000	+1,689	+3.9%
OR cleanup and disposition					
OR cleanup and disposition	68,457	67,992	67,000	-1,457	-2.19
Construction:					
17-D-401 On-site waste disposal facility	6,000	5,959	5,000	-1,000	-16.7%

	FY 2017	FY 2018	FY 2019	FY 2019 Request vs FY 2017 Enacted	
	Enacted	Annualized	Congressional		
44.5.400.0.45.11.000.44	Approp.	CR *	Request	\$	%
14-D-403 Outfall 200 Mercury Treatment	F 100	F 06F	11 274	.6.174	.131 10/
Facility Total, Construction		5,065 11,024	11,274 16,274	+6,174 +5,174	+121.1%
Total, OR cleanup and disposition		79,016	83,274	+3,717	+4.7%
	-,	-,-	,	-,	
OR technology development and deployment	3,000	2,980	3,000		N/A
OR community & regulatory support		5,463	4,711	-789	-14.3%
Total, Oak Ridge Reservation	263,219	261,432	226,206	-37,013	-14.1%
Savannah River Sites:					
Savannah River risk management operations	448,980	445,931		-448,980	-100.0%
Nuclear Material Management			351,331	351,331	N/A
Environmental Cleanup					
Environmental Cleanup			166,105	+166,105	N/A
Construction:					
18-D-402, Emergency Operations Center			1,259	+1,259	N/A
Total, Environmental Cleanup			167,364	+167,364	N/A
SR community and regulatory support	11,249	11,173	4,749	-6,500	-57.8%
Radioactive liquid tank waste stabilization	11,2.3	11,175	.,, .3	0,500	37.070
and disposition	600,123	596,048	805,686	+205,563	+34.3%
Construction:	000,123	330,010	003,000	1200,000	1311370
18-D-401, SDU #8/9			37,450	+37,450	N/A
17-D-402 - Saltstone Disposal Unit #7		5,463	41,243	+35,743	+649.9%
15-D-402 - Saltstone Disposal Unit #6, SRS		7,526		-7,577	-100.0%
05-D-405 Salt waste processing facility,	,	,		,	
Savannah River Site	160,000	158,913	65,000	-95,000	-59.4%
Total, Construction		171,902	143,693	-29,384	-17.0%
Total, Savannah River Site	1,233,429	1,225,054	1,472,823	+239,394	+19.4%
Waste Isolation Pilot Plant					
Waste Isolation Pilot Plant	260,188	258,421	311,695	51,507	+19.8%
Construction:					
15-D-411 Safety significant confinement					
ventilation system, WIPP	2,532	2,515	84,212	+81,680	+3,225.9%
15-D-412 Exhaust shaft, WIPP		29,796	1,000	-29,000	-96.7%
Total, Construction		32,311	85,212	+52,680	+161.9%
Total, Waste Isolation Pilot Plant		290,732	396,907	+104,187	+35.6%
Program direction	290,050	288,080	300,000	+9,950	+3.4%
Program support		14.878	12,979	-2,000	-13.4%
Safeguards and Security		260,409	324,434	62,245	+23.7%
Technology development	25,025	24,855	25,000	-25	-0.1%
CB-0101 Economic assistance to the state of NM		26,618	25,000	-26,800	-100.0%
HQEF-0040 - Excess Facilities		20,010	150,000	+150,000	N/A
Subtotal, Defense environmental cleanup		5,368,298	5,630,217	+225,217	+4.2%
Rescission:	3,403,000	3,300,230	3,030,217	1223,217	14.270
Rescission of prior year balances (Gen. Prov.)	783			+783	+100.0%
Total, Defense Environmental Cleanup	5,404,217	5,368,298	5,630,217	+226,000	+4.2%
Uranium Enrichment Decontamination and					
Decommissioning Fund					
Oak Ridge					
Oak Ridge	194,673	193,351	151,039	-43,634	-22.4%
Paducah					
Paducah	205,530	204,134	202,581	-2,949	-1.4%

	FY 2017 Enacted	FY 2018 Annualized	FY 2019 Congressional	FY 2019 Requ FY 2017 Ena	
	Approp.	CR *	Request	\$	%
Portsmouth					
Portsmouth	274,000	272,139	306,931	+32,931	+12.0%
Construction					
15-U-408 On-site waste disposal facility					
Portsmouth (PO-0040)	41,168	40,888	41,168		N/A
Total, Portsmouth	315,168	313,027	348,099	+32,931	+10.4%
Pension and community and regulatory support					
Oak Ridge	18,772	18,645	17,258	-1,514	-8.1%
Paducah	2,386	2,370	2,102	-284	-11.9%
Portsmouth	1,795	1,783	1,670	-125	-7.0%
Total, Pension and community& regulatory support	22,953	22,798	21,030	-1,923	-8.4%
Title X uranium/thorium reimbursement program	30,000	29,796	30,000		N/A
Rescission of prior year balances (Gen. Prov.)	-71			+71	+100.0%
Use of prior year balances	-324			+324	+100.0%
Total, Uranium Enrichment D&D Fund	767,929	763,106	752,749	-15,180	-2.0%
Uranium Enrichment D&D Fund Discretionary Payment					
Transfer payment from Defense ER&WM	-563,000	-559,177		+563,000	+100.0%
Defense EM Funded					
Uranium Enrichment D&D Fund					
Uranium Enrichment D&D Fund Contribution	563,000	559,177		-563,000	-100.0%
Total, Environmental Management	6,418,908	6,376,728	6,601,366	+182,458	+2.8%
Legacy management	140,306 14,014 154,320 -1,066 153,254	139,353 13,919 153,272 153,272	140,575 18,302 158,877 158,877	+4,288 +4,557 +1,066 +5,623	+30.6% +3.0% +100.0% +3.7%
Office of Technology Transitions/TCF Program direction Total, Office of Technology Transitions/TCF	6,906	6,859	8,505	+1,599	+23.2%
Total, Office of Technology Transitions, Technology	6,906	6,859	8,505	+1,599	+23.2%
Chief Information Officer	6,906	6,859	8,505	+1,599	
	6,906	6,859	8,505	+1,599	
Chief Information Officer	74,492	73,986	96,793	+22,301	+23.2%
Chief Information Officer Departmental Administration Program direction	74,492 74,492	73,986 73,986	96,793 96,793	+22,301 +22,301	+29.9% +29.9%
Chief Information Officer Departmental Administration Program direction	74,492	73,986	96,793	+22,301	+29.9% +29.9% -29.9%
Chief Information Officer Departmental Administration Program direction	74,492 74,492	73,986 73,986	96,793 96,793	+22,301 +22,301	+29.9% +29.9%
Chief Information Officer Departmental Administration Program direction	74,492 74,492 -74,492 	73,986 73,986 -73,986	96,793 96,793 -96,793 	+22,301 +22,301 -22,301	+23.2% +29.9% +29.9% -29.9% N/A
Chief Information Officer Departmental Administration Program direction	74,492 74,492 -74,492 74,492	73,986 73,986 -73,986 	96,793 96,793 -96,793 96,793	+22,301 +22,301 -22,301 +22,301	+29.9% +29.9% -29.9% N/A +29.9%
Chief Information Officer Departmental Administration Program direction	74,492 74,492 -74,492 	73,986 73,986 -73,986	96,793 96,793 -96,793 	+22,301 +22,301 -22,301	+23.2% +29.9% +29.9% -29.9% N/A
Chief Information Officer Departmental Administration Program direction	74,492 74,492 -74,492 74,492 74,492	73,986 73,986 -73,986 	96,793 96,793 -96,793 96,793	+22,301 +22,301 -22,301 +22,301	+29.9% +29.9% -29.9% N/A +29.9%
Chief Information Officer Departmental Administration Program direction	74,492 74,492 -74,492 74,492 74,492	73,986 73,986 -73,986 73,986 73,986	96,793 96,793 -96,793 96,793 96,793	+22,301 +22,301 -22,301 +22,301 +22,301	+23.2% +29.9% +29.9% N/A +29.9% +29.9% +3.7%
Chief Information Officer Departmental Administration Program direction	74,492 74,492 -74,492 74,492 74,492	73,986 73,986 -73,986 73,986 73,986	96,793 96,793 -96,793 96,793 96,793	+22,301 +22,301 -22,301 +22,301 +22,301	+23.2% +29.9% +29.9% N/A +29.9% +29.9% +3.7%
Chief Information Officer Departmental Administration Program direction	74,492 74,492 -74,492 -74,492 74,492 52,924	73,986 -73,986 -73,986 -73,986 -73,986 -73,986 -52,565 -52,565	96,793 96,793 -96,793 96,793 96,793 54,872 54,872	+22,301 +22,301 -22,301 +22,301 +22,301 +1,948 +1,948	+29.9% +29.9% -29.9% N/A +29.9% +29.9% +3.7%

	FY 2017 Enacted	FY 2018 Annualized	FY 2019 Congressional	FY 2019 Request vs FY 2017 Enacted	
	Approp.	CR *	Request	\$	%
Office of Economic Impact and Diversity	10,169	10 100	10.005	164	1 60/
Economic impact and diversity Total, Economic Impact and Diversity	10,169	10,100 10,100	10,005 10,005	-164 - 164	-1.6% - 1.6 %
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Office of the Secretary					
Departmental Administration	F 000	E 0E4	F 20F	1206	ı.C. 00/
Program direction	5,089 5,089	5,054 5,054	5,395 5,395	+306 + 306	+6.0% + 6.0 %
-					
Chief Financial Officer					
Departmental Administration					
Program direction	49,242	48,908	48,912	-330	-0.7%
Subtotal, Departmental Administration	49,242	48,908	48,912	-330	-0.7%
Funding from other defense activities (CFO)	-45,224	-44,917	-48,484 428	-3,260	-7.2% -89.3%
Total, Departmental Administration	4,018	3,991	428	-3,590	-89.3%
Other Defense Activities Defense related administrative support					
Defense related administrative support (CFO)	45,224	44,917	48.484	+3,260	+7.2%
Total, Chief Financial Officer	49,242	48,908	48,912	-330	-0.7%
-	.5,	.0,500	.0,511		G 1770
Assistant Secretary for Congressional and					
Intergovernmental Affairs					
Departmental Administration					
Program direction	6,200	6,158	6,212	+12	+0.2%
Use of prior year balances			-2,000	-2,000	N/A
Total, Congressional and Intergovernmental Affairs	6,200	6,158	4,212	-1,988	-32.1%
Office of Public Affairs					
Departmental Administration					
Program direction	3,431	3,408	6,594	+3,163	+92.2%
Rescission of prior year balances	-26			+26	+100.0%
Total, Office of Public Affairs	3,405	3,408	6,594	+3,189	+93.7%
Office of General Counsel					
Departmental Administration					
Program direction	33,000	32,776	33,075	+75	+0.2%
Total, Office of General Counsel	33,000	32,776	33,075	+75	+0.2%
International Affairs					
Departmental Administration	10.000	17.070	24 545	.6.545	126 404
Program direction	18,000 -2	17,878	24,545	+6,545	+36.4% +100.0%
Rescission of prior year balances	17,998	17,878	24,545	+2 +6,547	+36.4%
-	17,550	17,070	24,343	10,547	130.470
Office of Small and Disadvantaged Business Utilization					
Program direction	3,000	2,980	3,170	+170	+5.7%
Departmental Administration	3,000	2,300	3,170	12,0	.517,0
Total, Office of Small Disadvantaged Business Utilization	3,000	2,980	3,170	+170	+5.7%
Strategic Partnership Projects and Revenues					
Departmental Administration Strategic partnership projects (SPP)	40,000	39,728	40,000		N/A
Miscellaneous revenues	-125,171	-124,321	-96,000	+29,171	+23.3%
IVII 3 CEITA I I EVETTA ES	-143,1/1	-124,321	-30,000	743,1/1	+∠3.3%

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	FY 2017	FY 2018	FY 2019	FY 2019 Req	uest vs
	Enacted	Annualized	Congressional	FY 2017 En	acted
	Approp.	CR *	Request	\$	%
Rescissions:	дрргор.	CIN	пециезе	7	70
	0.4			.04	.100.00/
Rescission of prior year balances	-94	20.470		+94	+100.0%
Use of prior year balances & other adj. (Other)	•	-20,470		+20,610	+100.0%
Total, Strategic Partnership Projects and Revenues	-105,875	-105,063	-56,000	+49,875	+47.1%
Independent Enterprise Assessments Independent enterprise assessments	24,580		24,068	-512	-2.1%
Program direction	51,000		52,702	+1,702	+3.3%
Undistributed	31,000	75,067	32,702	+1,702	N/A
		73,007			-
Rescission of prior year balances	-1 75,579			+1.191	+100.0%
Total, Independent Enterprise Assessments	75,579	75,067	76,770	+1,191	+1.6%
Specialized Security Activities					
Other Defense Activities					
Specialized security activities	237,912	236,296	254,378	+16,466	+6.9%
Rescission of prior year balances	-4			+4	+100.0%
Total, Specialized Security Activities	237,908	236,296	254,378	+16,470	+6.9%
	•	<u>, </u>	•	·	
Office of Hearings and Appeals					
Other Defense Activities					
Office of hearings and appeals	5,500	5,463	5,739	+239	+4.3%
Use of Prior Year Balances		,	-2,000	-2,000	N/A
Rescission of prior year balances	-80		,	+80	+100.0%
Total, Hearings and Appeals	5,420	5,463	3,739	-1,681	-31.0%
_	-, -	-,		,	
Advanced Research Projects Agency - Energy					
Advanced Research Projects Agency - Energy					
ARPA-E projects	276,750	274,871		-276,750	-100.0%
Program direction	29,250	29,051		-29,250	-100.0%
Subtotal, Advanced Research Projects Agency - Energy	306,000	303,922		-306,000	-100.0%
Rescissions:	300,000	303,322		-300,000	-100.076
Rescission of prior year balances (Gen. Prov.)	-755	-750		+755	+100.0%
	305,245	303,172		-305,245	-100.0%
Total, Advanced Research Projects Agency - Energy	303,243	303,172		-305,245	-100.0%
Energy Information Administration					
National energy information system	122,000	121,171	115,035	-6,965	-5.7%
Total, Energy Information Administration	122,000	121,171	115,035	-6,965	-5.7%
	122,000	121,171	113,003	0,505	3.770
Office of Inspector General					
Office of inspector general	48,692	48,361	51,330	+2,638	+5.4%
Use of Prior Year Balances	-4,268	-4,239	,	+4,268	+100.0%
Total, Office of Inspector General	44,424	44,122	51,330	+6,906	+15.5%
Federal Energy Regulatory Commission					
Federal energy regulatory commission	346,800	344,445	369,900	-369,900	-106.7%
FERC revenues	-346,800	-344,445	-369,900	+369,900	+106.7%
Total, Federal Energy Regulatory Commission	340,000				N/A
,					,
Fees & Recoveries In Excess of Annual Appropriations	-16,645	-9,000	-16,000	+645	+3.9%
Title XVII Loan Guar. Prog Section 1703					
Negative Credit Subsidy Receipt	-37,000	-37,000	-44,000	-7,000	-18.9%
Sale of Northeast Gas Reserve			-77,000	-77,000	N/A
Defense Programs Rescission of Balances (Undistributed)	-43	-43		+43	+100.0%
Tribal Energy Loan Guarantee Program Rescission	-9,000	-8,939		+9,000	+100.0%