	FY 2014 FY 2014	FY 2015	FY 2016	FY 2016 vs.	FY 2015	
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%
Discretionary Summary By Organization National Nuclear Security Administration	<b></b>				202 502	0.404
Weapons Activities	7,781,000	7,790,197	8,180,359	8,846,948	+666,589	+8.1%
Defense Nuclear Nonproliferation	1,954,000	1,941,983	1,615,248	1,940,302	+325,054 +141,656	+20.1% +11.5%
Naval Reactors  Office of the Administrator	1,095,000 377,000	1,101,500 370,500	1,233,840	1,375,496	+141,050	+11.5% N/A
Federal Salaries and Expenses.		370,300	369,587	402,654	+33,067	+8.9%
Total, National Nuclear Security Administration	11,207,000	11,204,180	11,399,034	12,565,400	+1,166,366	+10.2%
Science and Energy	5 000 0 <del>7</del> 0	- 404 000				= 40/
Science	5,066,372	5,131,038	5,067,738	5,339,794	+272,056	+5.4%
Energy	1.900.641	1 004 076	1 014 105	2 722 027	+808.792	. 40 20/
Energy Efficiency and Renewable Energy		1,824,876	1,914,195	2,722,987	, -	+42.3% +83.8%
Electricity Delivery & Energy Reliability Fossil Energy	147,242 779,290	144,205 770,447	146,975 791,117	270,100 842,100	+123,125 +50,983	+6.4%
••		,	,		,	+8.9%
Nuclear Energy		877,620	833,379	907,574	+74,195	
Office of Indian Energy Policy and Programs		2,506	16,000	20,000	+4,000	+25.0%
Total, Energy Total, Science and Energy	8,784,427	3,619,654 8,750,692	3,701,666 8,769,404	4,762,761 10,102,555	+1,061,095 +1,333,151	+28.7% +15.2%
Advanced Received Agency Frozen	200 000	280 000	270.002	225 000	. 45 019	.46.40/
Advanced Research Projects Agency - Energy Information Administration	280,000 116,999	280,000 116,999	279,982 117,000	325,000 131,000	+45,018 +14,000	+16.1% +12.0%
Loan Programs Office	110,999	110,999	117,000	131,000	+14,000	+12.0%
Title 17 - Innovative Technology						
Loan Guarantee Program	20,000	7,857	17,000		-17,000	-100.0%
Advanced Technology Vehicles Manufacturing Loan Program	6,000	6,000	4,000	6,000	+2,000	+50.0%
Tribal Indian Energy Loan Guarantee Program				11,000	+11,000	N/A
Total, Loan Programs Office	26,000	13,857	21,000	17,000	-4,000	-19.0%
Management and Performance						
Environmental Management	5,830,315	5,829,649	5,861,017	5,818,024	-42,993	-0.7%
Office of Legacy Management	176,983	176,983	171,854	167,180	-4,674	-2.7%
Environment, Health, Safety and Security			400.000	402 700	. 0.000	.4.00/
Mission Support			180,866	183,798	+2,932	+1.6%
Chief Information Officer	,	82,062	71,906	83,800	+11,894	+16.5%
Management		57,599	62,946	76,227	+13,281	+21.1%
Chief Human Capital Officer		24,488	24,500	25,400	+900	+3.7%
Hearings and Appeals	5,022	5,022	5,496	5,500	+4	+0.1%
Economic Impact and Diversity	8,956	8,956	9,000	10,000	+1,000	+11.1%
Office of Small and Disadvantaged			0.050	0.000	. 7.47	.00.00/
Business Utilization  Total, Management and Performance	6,185,425	6,184,759	2,253 6,389,838	3,000 6,372,929	+747 -16,909	+33.2%
Total, Management and Fenomiance	0,100,420	0,104,739	0,309,030	0,372,323	-10,909	-0.576
Corporate Management Office of the Secretary	5,008	5,008	5,008	5,300	+292	+5.8%
Strategic Partnership Projects and Revenues	,	-59,651	-78.099	-77,171	+928	+1.2%
Chief Financial Officer	47,825	47,825	47,053	50,182	+3,129	+6.6%
Congressional and Intergovernmental Affairs		4,700	4,700	6,300	+1,600	+34.0%
Public Affairs	3,597	3,597	3,431	3,431	0	N/A
General Counsel.		33,053	31,000	31,000	0	N/A
International Affairs.	15,873	15,873	13,000	23,600	+10,600	+81.5%
Energy Policy and Systems Analysis		19,269	31,181	35,000	+3,819	+12.2%
Total, Corporate Management		69,674	57,274	77,642	+20,368	+35.6%
Health, Safety and Security	251,917	251,917			0	N/A
Independent Enterprise Assessments		201,017	73.480		-73,480	-100.0%
Enterprise Assessments				73,534	+73,534	N/A
Specialized Security Activities	202,242	202,242	203,004	221,855	+18,851	+9.3%
Inspector General	42,120	42,120	40,500	46,424	+5,924	+14.6%
Power Marketing Administrations	85,242	85,242	80,368	82,000	+1,632	+2.0%
Federal Energy Regulatory Commission	-26,236	-19,686	-28,485	-23,587	+4,898	+17.2%
Title XVII Loan Guar. Prog Section 1703	20,230	15,000	20,400	25,507	14,000	117.270
Negative Credit Subsidy Receipt				-68,000	-68,000	N/A
Total, Discretionary Funding		27,181,996	27,402,399	29,923,752	+2,521,353	+9.2%
Memo: Total Discretionary by budget function	(47,000,500)	( 47 005 000)	(47.744.000)	(40,000,000)	(4.000.000)	
(Defense (050) function, non-add)		(17,065,069)	(17,714,000)	(19,002,333)	(1,288,333)	
(Non-Defense (250/270) function, non-add)		(10,116,927)	(9,688,399)	(10,921,419)	(1,233,020)	
(Science (250) function, non-add)	(5,066,372)	(5,131,038)	(5,067,738)	(5,339,794)	( 272,056)	
(Energy (270) function, non-add)	(5,089,842)	( 4,985,889)	(4,620,661)	( 5,581,625)	(960,964)	

	FY 2014	Y 2014 FY 2014 FY 2015 FY 2016		FY 2016 vs.	FY 2015	
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%
tional Nuclear Security Administration						
Veapons Activities						
Directed stockpile work						
Life extension programs and major alterations	537,044	537,044	643.000	643,300	+300	+0.09
B61 Life extension programW76 Life extension program	248,454	246,394	259,168	244,019	-15,149	-5.89
W78 Life extension program	38,000	38,000	259,100	244,019	-13,149	-3.0 / N/.
W88 Alt 370	169,487	169,487	165,400	220,176	+54,776	+33.19
Cruise missile warhead life extension program	105,407	105,407	9,418		-9,418	-100.09
W80-4 Life extension program			5,410	195,037	+195,037	N/
Total, Life extension programs and				100,007	1 100,001	
major alterations	992,985	990,925	1,076,986	1,302,532	+225,546	+20.9
Stockpile systems						
B61 Stockpile systems	83,536	83,245	109,615	52,247	-57,368	-52.3
W76 Stockpile systems	47,187	46,940	45,728	50,921	+5,193	+11.4
W78 Stockpile systems	54,381	54,047	62,703	64,092	+1,389	+2.2
W80 Stockpile systems	50,330	50,185	70,610	68,005	-2,605	-3.7
B83 Stockpile systems	54,948	54,697	63,136	42,177	-20,959	-33.2
W87 Stockpile systems	101,506	101,186	91,255	89,299	-1,956	-2.1
W88 Stockpile systems		62,332	88,060	115,685	+27,625	+31.4
Total, Stockpile systems		452,632	531,107	482,426	-48,681	-9.2
	.5 ., .55	. 32,002	-5.,.0.	2, . 20	. 3,00 .	J.2
Weapons dismantlement and disposition Operations and maintenance	54,264	51,747	50,000	48,049	-1,951	-3.9
Stockpile services						
Production support	345,000	337,344	350,942	447,527	+96,585	+27.5
Research and development support		24,844	25,500	34,159	+8,659	+34.0
R&D certification and safety	151,133	150,556	160,000	192,613	+32,613	+20.4
Management, technology, and production		213,361	226,000	264,994	+38,994	+17.3
Plutonium sustainment			132,000		-132,000	-100.0
Plutonium infrastructure sustainment		124,620			0	N,
Tritium readiness	80,000	83,500	140,053		-140,053	-100.0
Total, Stockpile services		934,225	1,034,495	939,293	-95,202	-9.29
Nuclear material commodities						
Uranium sustainment				32,916	+32,916	N/
Plutonium sustainment				174,698	+174,698	N.
Tritium sustainment				107,345	+107,345	N.
Domestic uranium enrichment				100,000	+100,000	N/
Total, Nuclear material commodities				414,959	+414,959	N.
Total, Directed stockpile work	2,442,033	2,429,529	2,692,588	3,187,259	+494,671	+18.4
Research, development, test and evaluation (RDT&E)						
Science						
Advanced certification	58,747	58,631	58,747	50,714	-8,033	-13.7
Primary assessment technologies		91,682	109,000	98,500	-10,500	-9.6
Dynamic materials properties		103,696	109,000	109,000	0	N
Advanced radiography		29,438	47,000	47,000	0	N
Secondary assessment technologies		85,167	88,344	84,400	-3,944	-4.5
Total, Science	369,723	368,614	412,091	389,614	-22,477	-5.5
Engineering						
Enhanced surety	51,771	51,711	52,003	50,821	-1,182	-2.3
Weapon systems engineering assessment						
technology	23,727	23,709	20,832	17,371	-3,461	-16.6
Nuclear survivability	19,504	19,483	25,371	24,461	-910	-3.6
Enhanced surveillance	54,909	54,695	37,799	38,724	+925	+2.4
Total, Engineering	149,911	149,598	136,005	131,377	-4,628	-3.4
Inertial confinement fusion ignition and						
high yield	00.045	00.005	77.001	70.004	4.000	
Ignition	80,245	80,005	77,994	73,334	-4,660 755	-6.0
Support of other stockpile programs	15,001	14,935	23,598	22,843	-755	-3.2
Diagnostics, cryogenics and experimental support	59,897	59,483	61,297	58,587	-2,710	-4.4
Pulsed power inertial confinement fusion	5,024	5,022	5,024	4,963	-61	-1.2
. also porror mortial commonion radion	0,024	3,022	5,024	4,500	01	1.2

	FY 2014		FY 2015	FY 2016	FY 2016 vs. FY 2015		
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%	
Joint program in high energy density laboratory plasmas	8,198	8,198	9,100	8,900	-200	-2.2%	
Facility operations and target production	345,592	344,751	335,882	333,823	-2,059	-0.6%	
Total, Inertial confinement fusion and high yield	513,957	512,394	512,895	502,450	-10,445	-2.0%	
Advanced simulation and computing	569,329	568,633	598,000	623,006	+25,006	+4.2%	
Readiness campaign	== 10=						
Nonnuclear readiness		55,205 55,205			0	N/A N/A	
Advanced manufacturing development Additive manufacturing			12,600		-12,600	-100.0%	
Component manufacturing development			75,000	112,256	+37,256	+49.7%	
Process technology development			19,600	17,800	-1,800	-9.2%	
Total, Advanced manufacturing development			107,200	130,056	+22,856	+21.3%	
Total, RDT&E	1,658,327	1,654,444	1,766,191	1,776,503	+10,312	+0.6%	
Readiness in technical base and facilities (RTBF) Operating							
Operations of facilities							
Kansas City Plant	135,834	135,502	125,000		-125,000	-100.0%	
Lawrence Livermore National Laboratory	77,287	76,367	71,000		-71,000	-100.0%	
Los Alamos National Laboratory		213,707	198,000		-198,000	-100.0%	
Nevada National Security Site		99,953	89,000		-89,000	-100.0%	
Pantex		79,334	75,000		-75,000	-100.0%	
Sandia National Laboratory		119,500	106,000 81,000		-106,000 -81,000	-100.0% -100.0%	
Savannah River SiteY-12 National security complex		90,236 165,887	151,000		-151,000	-100.0%	
Total, Operations of facilities		980,486	896,000		-896,000	-100.0%	
Total, Operations of Identification	001,100	000,100	000,000		000,000	100.070	
Program readiness		67,234	68,000	75,185	+7,185	+10.6%	
Material recycle and recovery		120,154	126,000	173,859	+47,859	+38.0%	
Containers	,	25,416	26,000	40.020	-26,000	-100.0%	
Storage  Maintenance and repair of facilities		34,878 232,591	40,800 227,000	40,920	+120 -227,000	+0.3% -100.0%	
Recapitalization	,	180,000	224,600	104,327	-120,273	-53.5%	
Total, Operating		1,640,759	1,608,400	394,291	-1,214,109	-75.5%	
Construction: 15-D-613 Emergency Operations Center, Y-12			2,000		-2,000	-100.0%	
			2,000		-2,000	-100.076	
15-D-301, HE Science & Engineering Facility, PX			11,800		-11,800	-100.0%	
15-D-302, TA-55 Reinvestment project			16,062	18,195	.0.422	+13.3%	
Phase 3, LANL			10,002	10,195	+2,133		
12-D-301 TRU waste facilities, LANL	26,722	26,722	6,938		-6,938	-100.0%	
11-D-801 TA-55 Reinvestment project Phase 2, LANL	30,679	30,679	10,000	3,903	-6,097	-61.0%	
07-D-220 Radioactive liquid waste							
treatment facility upgrade project, LANL	45,114	45,114		11,533	+11,533	N/A	
07-D-220-04 Transuranic liquid waste facility,							
Lanl	10,605	10,605	7,500	40,949	+33,449	+446.0%	
06-D-140 Project engineering design (PED) various locations		2,500			0	N/A	
OC D 444 DED/Construction LIDE							
06-D-141 PED/Construction, UPF Y-12, Oak Ridge, TN	309,000	304,000	335,000	430,000	+95,000	+28.4%	
Y-12, Oak Ridge, TN04-D-125 Chemistry and metallurgy research	•		,				
Y-12, Oak Ridge, TN		304,000	335,000 35,700 425,000	430,000 155,610 660,190	+95,000 +119,910 +235,190	+28.4% +335.9% +55.3%	

	FY 2014 FY 2014 FY 2015 FY 2016 F		Y 2016 FY 2016 vs. FY 2			
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%
Secure transportation asset						
Operations and equipment	112,882	116,382	121,882	146,272	+24,390	+20.0%
Program direction  Total, Secure transportation asset		93,618 210,000	97,118 219.000	105,338 251,610	+8,220 +32,610	+8.5% +14.9%
Total, Gecure transportation asset	210,000	210,000	219,000	231,010	+32,010	T14.370
Counterterrorism and Counterproliferation Programs			46,093		-46,093	-100.0%
Nuclear counterterrorism incident response	228,243	228,521	177,940		-177,940	-100.0%
Infrastructure and safety						
Operations of facilities						
Kansas City Plant				100,250	+100,250	N/A
Lawrence Livermore National Laboratory				70,671	+70,671	N/A
Los Alamos National Laboratory				196,460	+196,460	N/A
Nevada National Security Site Pantex				89,000 58,021	+89,000 +58,021	N/A N/A
Sandia National Laboratory				115,300	+115,300	N/A
Savannah River Site				80,463	+80,463	N/A
Y-12 National security complex				120,625	+120,625	N/A
Total, Operations of facilities				830,790	+830,790	N/A
Safety operations				107,701	+107,701	N/A
Maintenance				227,000	+227,000	N/A
Recapitalization				257,724	+257,724	N/A
Construction:						
16-D-621 Substation replacement at TA-3,  Lanl				25,000	+25,000	N/A
Laill				25,000	+25,000	IN/F
15-D-613 Emergency Operations Center, Y-12				17,919	+17,919	N/A
Total, Construction				42,919	+42,919	N/A
Total, Infrastructure and safety				1,466,134	+1,466,134	N/A
Site stewardship						
Environmental projects and operations	51,001	50,791	48,700		-48,700	-100.0%
Nuclear materials integration		12,485	13,300	17,510	+4,210	+31.7%
Corporate project management	9,118	9,118			0	N/A
Minority serving institution partnerships	14 521	14 521	14 501	10.005	. 4 554	. 24 20/
program	14,531 87,326	14,531 86,925	14,531 76,531	19,085 36,595	+4,554 -39,936	+31.3%
Defense avelen en en vita						
Defense nuclear security Operations and maintenance	664,981	658,663	636,123	619,891	-16,232	-2.6%
Construction:	004,961	030,003	030,123	019,091	-10,232	-2.07
14-D-710 Device assembly facility argus						
installation project, NV				13,000	+13,000	N/A
08-D-701 Nuclear materials S&S upgrade						
project Los Alamos National Laboratory		480			0	N/A
Total, Defense nuclear security	664,981	659,143	636,123	632,891	-3,232	-0.5%
Information technology and cybersecurity	145,068	144,442	179,646	157,588	-22,058	-12.3%
	,	,	,	,	ŕ	
Safeguards and security Defense nuclear security						
Legacy contractor pensions	279,597	335,490	307,058	283,887	-23,171	-7.5%
Domestic uranium enrichment research,	,	•	,	,	,	
development, and demonstration	62,000	105,952	97,200		-97,200	-100.0%
Subtotal, Weapons activities	7,845,000	7,914,825	8,231,770	8,846,948	+615,178	+7.5%
Adjustments						
Use of prior year balances		-60,628			0	N/A
Rescission of prior year balances		-64,000	-51,411		+51,411	+100.0%
		-124,628	-51,411		+51,411	+100.0%
Total, Adjustments		7,790,197	8,180,359	8,846,948	+666,589	+8.1%
Total, Adjustments  Fotal, Weapons activities	7,781,000					
Fotal, Weapons activities	7,701,000					
otal, Weapons activities  Defense Nuclear Nonproliferation  Defense Nuclear Nonproliferation Programs	7,761,000			400 == :	. 400 751	•
Fotal, Weapons activities  Defense Nuclear Nonproliferation  Defense Nuclear Nonproliferation Programs  Global material security				426,751	+426,751	
Fotal, Weapons activities  Defense Nuclear Nonproliferation  Defense Nuclear Nonproliferation Programs  Global material security  Material management and minimization				311,584	+311,584	N/A
Otal, Weapons activities  Defense Nuclear Nonproliferation  Defense Nuclear Nonproliferation Programs  Global material security  Material management and minimization  Nonproliferation and arms control				311,584 126,703	+311,584 +126,703	N/A N/A
Otal, Weapons activities  Defense Nuclear Nonproliferation  Defense Nuclear Nonproliferation Programs  Global material security				311,584	+311,584	N/A N/A
Otal, Weapons activities  Defense Nuclear Nonproliferation Defense Nuclear Nonproliferation Programs Global material security  Material management and minimization Nonproliferation and arms control.  Defense Nuclear Nonproliferation R&D Nonproliferation construction				311,584 126,703	+311,584 +126,703	N/A N/A
Fotal, Weapons activities				311,584 126,703	+311,584 +126,703	N/A N/A
Fotal, Weapons activities				311,584 126,703	+311,584 +126,703	N/A N/A N/A +6.6% N/A

	FY 2014	FY 2014 FY 2014	FY 2015	FY 2016	FY 2016 vs.	FY 2015
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%
Global threat reduction initiative					_	
Global threat reduction initiative HEU reactor conversion	162,000	3,161 161,648	 119,383		0 -119,383	N/A -100.0%
International nuclear and radiological						
material removal and protection	200,102	199,960	117,737		-117,737	-100.0%
Domestic radiological material removal	00.000	70.000	00.000		00.000	400.00/
and protection  Total, Global threat reduction initiative	80,000 442,102	79,829 444,598	88,632 325,752		-88,632 -325,752	-100.0% -100.0%
Nonproliferation and verification R&D						
Operations and maintenance	398,838	461,125			0	N/A
Nonproliferation and international security	128,675	135,481	141,359		-141,359	-100.0%
International material protection and cooperation	419,625	415,091	270,911		-270,911	-100.0%
and cooperation	419,025	415,091	270,911		-270,911	-100.076
Fissile materials disposition						
U.S. surplus materials disposition Operations and maintenance						
U.S. plutonium disposition	157,557	155,057	60,000		-60,000	-100.0%
U.S. uranium disposition		27,500	25,000		-25,000	-100.0%
Total, Operations and maintenance	182,557	182,557	85,000		-85,000	-100.0%
Construction:						
99-D-143 Mixed oxide fuel fabrication	0.40.500	400 740	0.45.000		0.45.000	400.004
facility, Savannah River, SC		402,743	345,000		-345,000	-100.0%
Total, Fissile materials disposition  Total, Defense Nuclear Nonproliferation Programs	526,057 1,915,297	585,300 2,041,595	430,000 1,561,423	1,629,371	-430,000 +67,948	-100.0% +4.4%
Total, Delense Nuclear Nonpromeration Frograms	1,915,297	2,041,595	1,501,425	1,029,371	+07,940	T4.4 /0
Legacy contractor pensions	93,703	116,556	102,909	94,617	-8,292	-8.1%
Nuclear counterterrorism and incident response program				234,390	+234,390	N/A
Subtotal, Defense Nuclear Nonproliferation	2,009,000	2,158,151	1,664,332	1,958,378	+294,046	+17.7%
Adjustments	== 000	040400		40.070	4.007	04.00/
Use of prior year balances		-216,168	-22,963	-18,076	+4,887	+21.3%
Rescission of prior year balances		216 169	-26,121 -49,084	-18,076	+26,121 +31,008	+100.0% +63.2%
Total, Adjustmentsotal, Defense Nuclear Nonproliferation	1,954,000	-216,168 1,941,983	1,615,248	1,940,302	+31,006	+03.2%
laval Reactors						
Naval reactors operations and infrastructure	356,300	362,800	390,000	445,196	+55,196	+14.2%
Naval reactors development	414,298	414,298	411,180	444,400	+33,220	+8.1%
Ohio replacement reactor systems development	126,400	126,400	156,100	186,800	+30,700	+19.7%
S8G Prototype refueling	144,400	144,400	126,400	133,000	+6,600	+5.2%
Program direction	43,212	43,212	41,500	45,000	+3,500	+8.4%
Construction: 15-D-904 NRF Overpack Storage Expansion 3			400	900	+500	+125.0%
15-D-903 KL Fire System Upgrade			600	600	0	N/A
15-D-902 KS Engineroom team trainer facility				3,100	+3,100	N/A
				3,100	+3,100	IN/A
14-D-902 KL Materials characterization laboratory expansion, KAPL	1,000	1,000		30,000	+30,000	N/A
14-D-901 Spent fuel handling recapitalization project, NRF			70,000	86,000	+16,000	+22.9%
13-D-905 Remote-handled low-level waste			,	•	,	
facility, INL	21,073	21,073	14,420		-14,420	-100.0%
13-D-904 KS Radiological work and storage	000	202	00.100		00.400	400.001
building, KSO	600	600	20,100		-20,100	-100.0%
10-D-903, Security upgrades, KAPL			7,400	500	-6,900	-93.2%

	FY 2014	FY 2014 FY 2014	FY 2015	FY 2016	FY 2016 vs.	FY 2015
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%
08-D-190 Expended Core Facility M-290 receiving/discharge station,	4.700	4 =00	400		400	400.004
Naval Reactor Facility, ID		1,700	400	404.400	-400	-100.0%
Total, Construction		24,373	113,320	121,100	+7,780	+6.9%
Subtotal, Naval Reactors	1,108,983	1,115,483	1,238,500	1,375,496	+136,996	+11.1%
Use of prior year balances (Naval reactors)	13,983	-13,983			0	N/A
Rescission of prior year balances			-4,660		+4,660	+100.0%
Total, Adjustments	-13,983	-13,983	-4,660		+4,660	+100.0%
Total, Naval Reactors	1,095,000	1,101,500	1,233,840	1,375,496	+141,656	+11.5%
NNSA Federal Salaries And Expenses						
Office of the Administrator						
Office of the administrator		370,500			0	N/A
Total, Office of the Administrator	377,000	370,500			0	N/A
Federal Salaries and Expenses						
Program direction			370,000	402,654	+32,654	+8.8%
Rescission			-413		+413	+100.0%
Total, Federal Salaries and Expenses			369,587	402,654	+33,067	+8.9%
Total, NNSA Federal Salaries And Expenses		370,500	369,587	402,654	+33,067	+8.9%
Total, National Nuclear Security Administration	11,207,000	11,204,180	11,399,034	12,565,400	+1,166,366	+10.2%
Office Of Science						
Office of Science						
Advanced scientific computing research	478,093	463,472	541,000	620,994	+79,994	+14.8%
Basic energy sciences	4 000 000	4 500 500	4 504 500	4 0 40 000	54.500	0.40/
Research		1,560,702	1,594,500	1,649,000	+54,500	+3.4%
Construction 13-SC-10 Linac Coherent Light Source-II, SLAC	75,700	75,700	138,700	200,300	+61,600	+44.4%
07-SC-06 National Synchrotron light source II (NSLS-II) Brookhaven National						
Laboratory, NY	26,300	26,300			0	N/A
Total, Construction	102,000	102,000	138,700	200,300	+61,600	+44.4%
Total, Basic energy sciences	1,711,929	1,662,702	1,733,200	1,849,300	+116,100	+6.7%
Biological and environmental research	609,696	593,610	592,000	612,400	+20,400	+3.4%
Fusion energy sciences  Research		296,355	317,500	270,000	-47,500	-15.0%
Construction:	305,177	296,333	317,500	270,000	-47,500	-15.0%
14-SC-60 ITER		199,500	150.000	150,000	0	N/A
Total, Fusion energy sciences		495,855	467,500	420,000	-47,500	-10.2%
High energy physics		700.000	700.000	704.000		0.407
Research Construction:	745,521	723,920	729,000	731,900	+2,900	+0.4%
11-SC-40 Long baseline neutrino						
experiment, FNAL	16,000	16,000	12,000	16,000	+4,000	+33.3%
11-SC-41 Muon to electron conversion			<b>_</b>		,	
experiment, FNAL		35,000	25,000	40,100	+15,100	+60.4%
Total, Construction		51,000 774,920	37,000 766,000	56,100 788,000	+19,100 +22,000	+51.6% +2.9%
Nuclear physics						
Operation and maintenance	488,638	474,302	489,000	517,100	+28,100	+5.7%
Construction:						
14-SC-50 Facility for rare isotope beams Michigan State University	55,000	55,000	90,000	100,000	+10,000	+11.1%
06-SC-01 12 GeV continuous						
electron beam accelerator facility upgrade,						
Thomas Jefferson National		_				
Accelerator Facility Newport News, VA		25,500	16,500	7,500	-9,000	-54.5%
Total, Construction		80,500	106,500	107,500	+1,000	+0.9%
Total, Nuclear physics	569,138	554,802	595,500	624,600	+29,100	+4.9%
Workforce development for teachers and scientists	26,500	26,500	19,500	20,500	+1,000	+5.1%

	FY 2014 Enacted	FY 2014 Current	FY 2015 Enacted	FY 2016 Request	FY 2016 vs.	FY 2015 %
Caisana laborataria infrastruatura	Approp.	Approp.	Approp.	•		
Science laboratories infrastructure Infrastructure support						
Payment in lieu of taxes	1,385	1,385	1,713	1,713	0	N/A
Oak Ridge landlord	5,951	5,951	5,777		-5,777	-100.0%
Facilities and infrastructure	900	900	6,100	30,977	+24,877	+407.8%
Oak Ridge nuclear operations				12,000	+12,000	N/A
Total, Infrastructure support	8,236	8,236	13,590	44,690	+31,100	+228.8%
Construction						
15-SC-78 Integrative genomics building, LBNL			12,090	20,000	+7,910	+65.4%
15-SC-77 Photon science laboratory building, SLAC			10,000	25,000	+15,000	+150.0%
15-SC-76 Materials design laboratory, ANL			7,000	23,910	+16,910	+241.6%
15-SC-75 Infrastructure and operational Improvements, PPPL			25,000		-25,000	-100.0%
13-SC-70 Utilities upgrade, FNAL	34,900	34,900			0	N/A
12 SC 71 T INAE utility infractructure						
13-SC-71 TJNAF utility infrastructure modernization, TJNAF	29,200	29,200			0	N/A
12-SC-70 Science and user support building, SLAC	25,482	25,482	11,920		-11,920	-100.0%
-						
09-SC-74, Technology and engineering development facilities, TJNAF					0	N/A
Total, Construction	89,582	89,582	66,010	68,910	+2,900	+4.4%
Total, Science laboratories infrastructure	97,818	97,818	79,600	113,600	+34,000	+42.7%
Safeguards and security	87,000	87,000	93,000	103,000	+10,000	+10.8%
Science Program direction	185,000	185,000	183,700	187,400	+3,700	+2.0%
Small business innovation research (SBIR)	5,066,372	193,205 5,134,884	5,071,000	5,339,794	+268,794	+5.3%
Adjustments:						
Use of prior year balances		-3,846			0	N/A
Rescission of prior year balances			-3,262		+3,262	+100.0%
Total, Office Of Science	5,066,372	5,131,038	5,067,738	5,339,794	+272,056	+5.4%
Assistant Secretary For Energy Efficiency And Renewable Energy Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy RDD&D Sustainable transportation:	202 727	000.004	000.000	444.000	404.000	.50.00/
Vehicle technologies	289,737	282,201	280,000	444,000 246,000	+164,000	+58.6% +9.3%
Bioenergy technologies	232,290 92,928	182,327 89,518	225,000 97,000	246,000 103,000	+21,000 +6,000	+6.2%
Total, Sustainable transportation	614,955	554,046	602,000	793,000	+191,000	+31.7%
Renewable energy:						
Solar energy	257,058	254,305	233,000	336,700	+103,700	+44.5%
Wind energy	88,126	87,035	107,000	145,500	+38,500	+36.0%
Water power	58,565	57,834	61,000	67,000	+6,000	+9.8%
Geothermal technologies		44,802	55,000	96,000	+41,000	+74.5%
Total, Renewable energy	449,524	443,976	456,000	645,200	+189,200	+41.5%
Energy efficiency:		.=		40	00/	
Advanced Manufacturing	180,471	175,400	200,000	404,000	+204,000	+102.0%
Federal energy management program	28,248	28,248	27,000	43,088	+16,088	+59.6%
Building Technologies	177,868	173,631	172,000	264,000	+92,000	+53.5%
Weatherization & intergovernmental program						
Weatherization assistance program		170 000	100 600		-100 600	. 100.09/
Weatherization assistance program Weatherization assistance program	170,898	170,898	189,600	208 000	-189,600 +208,999	-100.0%
Weatherization assistance program		170,898 	189,600 	208,999 15,000	-189,600 +208,999 +15,000	-100.0% N/A N/A

٦	FY 2014	FY 2014	FY 2015	FY 2016	FY 2016 vs.	FY 2015
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%
Training and technical assistance	2,998	2,998	3,000 400	4,000 400	+1,000	+33.3% N/A
Total, Weatherization assistance program	173,896	173,896	193,000	228,399	+35,399	+18.3%
State energy program	49,970	49,970	50,000	70,100	+20,100	+40.2%
Local technical assistance program				20,000	+20,000	N/A
Tribal energy activities  Total, Weatherization & intergovernmental	6,996	6,996			0	N/A
program	230,862	230,862	243,000	318,499	+75,499	+31.1%
Total, Energy efficiency	617,449	608,141	642,000	1,029,587	+387,587	+60.4%
Corporate support:						
Facilities and infrastructure						
National renewable energy laboratory (NREL)  Operation and maintenance	45,973	45,973	56,000	62,000	+6,000	+10.7%
Program direction	162,000	162,000	160,000	165,330	+5,330	+3.3%
Strategic programs	23,540	23,540	21,000	27,870	+6,870	+32.7%
Total, Corporate support	231,513	231,513	237,000	255,200	+18,200	+7.7%
Subtotal, Energy Efficiency and Renew. Energy RDD	1,913,441	1,837,676	1,937,000	2,722,987	+785,987	+40.6%
Subtotal, Energy Efficiency and Renewable Energy	1,913,441	1,837,676	1,937,000	2,722,987	+785,987	+40.6%
Adjustments: Use of prior year balances	-2,382	-2,382			0	N/A
Rescission of prior year balances	-10,418	-10,418	-22,805		+22,805	+100.0%
Total, Energy Efficiency And Renewable Energy	1,900,641	1,824,876	1,914,195	2,722,987	+808,792	+42.3%
Office Of Electricity Delivery & Energy Reliability Electricity Delivery & Energy Reliability Research and development Clean energy transmission and reliability						
Transmission reliability	18.190	17,608	17,424	18.000	+576	+3.3%
Advanced modeling grid research	10,195	9,868	10.648	15,000	+4,352	+40.9%
Energy systems risk and predictive capability		3,998	6,190	7,000	+810	+13.1%
Total, Clean energy transmission and reliability	32,383	31,474	34,262	40,000	+5,738	+16.7%
Smart grid research and development	14,592	14,125	15,439	30,000	+14,561	+94.3%
Cybersecurity for energy delivery systems	43,476	42,301	45,999	52,000	+6,001	+13.0%
Energy storage	15,192	14,706	12,000	21,000	+9,000	+75.0%
Transformer resilience and advanced components				10,000	+10,000	N/A
Total, Research and development	105,643	102,606	107,700	153,000	+45,300	+42.1%
National electricity delivery	5,997	5,997	6,000	7,500	+1,500	+25.0%
Infrastructure security & energy						
restoration	7,996	7,996	6,000	14,000	+8,000	+133.3%
State energy reliability and assurance				63,000	+63,000	N/A
Program direction	27,606 147,242	27,606 144,205	27,606 147,306	32,600 270,100	+4,994	+18.1%
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Adjustments:  Rescission of prior year balances			-331		+331	+100.0%
Total, Adjustments			-331		+331	+100.0%
Total, Electricity Delivery & Energy Reliability	147,242	144,205	146,975	270,100	+123,125	+83.8%
Assistant Secretary For Fossil Energy Fossil Energy Research And Development Coal CCS and power systems						
Carbon capture	92,000	89,231	88,000	116,631	+28,631	+32.5%
Carbon storage	108,766	105,493	100,000	108,768	+8,768	+8.8%
Advanced energy systems	99,500	96,505	103,000	39,385	-63,615	-61.8%
Cross cutting research	41,925	40,732	49,000	51,242	+2,242	+4.6%
NETL coal research and development	50,011	50,011	50,000	34,031	-15,969	-31.9%
STEP (Supercritical CO2)			10,000	19,300	+9,300	+93.0%
Total, CCS and power systems	392,202	381,972	400,000	369,357	-30,643	-7.7%
Total, Coal	392,202	381,972	400,000	369,357	-30,643	-7.7%
Natural gas technologies	20,600	19,980	25,121	44,000	+18,879	+75.2%
from Petroleum - Oil technologies	15,000	14,549	4,500		-4,500	-100.0%

	FY 2014	2014 FY 2014	FY 2015	FY 2016	FY 2016 vs. FY 2015	
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%
CCS demonstrations	дрогор.	дриор.	другор.	ļ.		
Program direction	120.000	120.000	119,000	114.202	-4.798	-4.0%
Plant and capital equipment	16.032	16.032	15.782	18,044	+2,262	+14.3%
Fossil energy environmental restoration	5,897	5,897	5,897	8,197	+2,300	+39.0%
Super computer		,	,	5,500	+5,500	N/A
Special recruitment programs	700	700	700	700	0	N/A
Subtotal, Fossil Energy Research and Development	570,431	559,130	571,000	560,000	-11,000	-1.9%
Adjustments:						
Use of prior year balances	-8,500	-8,500			0	N/A
Rescission of prior year balances			-10,413		+10,413	+100.0%
Total, Adjustments	-8,500	-8,500	-10,413		+10,413	+100.0%
Total, Fossil Energy Research and Development	561,931	550,630	560,587	560,000	-587	-0.1%
Clean Coal Technology						
Rescission of prior year balances			-6.600		+6.600	+100.0%
Petroleum Reserves:			,		,	
Naval Petroleum & Oil Shale Reserves 1/						
Naval petroleum & oil shale reserves	19,999	22,457	19,950	17,500	-2,450	-12.3%
Total, Naval Petroleum & Oil Shale Reserves	19,999	22,457	19,950	17,500	-2,450	-12.3%
Elk Hills School Lands Fund						
California teachers' pension fund payment			15,580		-15,580	-100.0%
Strategic Petroleum Reserve						
Strategic petroleum reserve		189,360	200,000	257,000	+57,000	+28.5%
Total, Strategic Petroleum Reserve	189,360	189,360	200,000	257,000	+57,000	+28.5%
Northeast Home Heating Oil Reserve						
Northeast Home heating oil reserve	8,000	8,000	7,600	7,600	0	N/A
Rescissions			-6,000		+6,000	+100.0%
Total, Northeast Home Heating Oil Reserve		8,000	1,600	7,600	+6,000	+375.0%
Total, Petroleum Reserves		219,817	237,130	282,100	+44,970	+19.0%
Total, Fossil Energy	779,290	770,447	791,117	842,100	+50,983	+6.4%

<sup>1/</sup> NPR includes new BA and proceeds from NPR 3 asset sale. These proceeds available during FY14 & FY 15 for purchase of replacement property. Any unused proceeds returned to Treasury as miscellaneous receipts.

# Office Of Nuclear Energy

Nuclear Energy						
Integrated University Program	5,500	5,500	5,000		-5,000	-100.0%
Research and Development						
Step R&D			5,000	5,000	0	N/A
SMR licensing technical support	110,000	110,000	54,500	62,500	+8,000	+14.7%
Nuclear Energy Enabling Technologies	71,109	68,833	101,000	86,387	-14,613	-14.5%
Reactor Concepts RD&D	112,822	109,212	133,000	108,140	-24,860	-18.7%
Fuel cycle research and development						
Fuel cycle research and development	181,605	176,607	192,500	208,760	+16,260	+8.4%
Used nuclear fuel disposition						
Used nuclear fuel disposition (050)	4,600	4,600	4,500	9,000	+4,500	+100.0%
Total, Used nuclear fuel disposition	4,600	4,600	4,500	9,000	+4,500	+100.0%
Total, Fuel cycle research and development	186,205	181,207	197,000	217,760	+20,760	+10.5%
International nuclear energy cooperation	2,496	2,496	3,000	3,000	0	N/A
International nuclear energy cooperation.  Total, Research and Development	2,496 482,632	2,496 471,748	3,000 493,500	3,000 482,787	-10,713	-2.2%
Total, Research and Development						
Total, Research and Development						
Total, Research and Development  Infrastructure Radiological facilities management	482,632	471,748	493,500		-10,713	-2.2%
Total, Research and Development  Infrastructure Radiological facilities management Space and defense infrastructure	482,632 19,968	471,748 19,968	493,500	482,787	-10,713	-2.2% -100.0%
Total, Research and Development	482,632 19,968 5,000	471,748 19,968 5,000	493,500 20,000 5,000	482,787  6,800	-10,713 -20,000 +1,800	-2.2% -100.0% +36.0%
Infrastructure Radiological facilities management Space and defense infrastructure	482,632 19,968 5,000	471,748 19,968 5,000	493,500 20,000 5,000	482,787  6,800	-10,713 -20,000 +1,800	-2.2% -100.0% +36.0%
Total, Research and Development	19,968 5,000 24,968	19,968 5,000 24,968	20,000 5,000 25,000	482,787  6,800 6,800	-10,713 -20,000 +1,800 -18,200	-2.2% -100.0% +36.0% -72.8%

	FY 2014	FY 2014	FY 2015	FY 2016	FY 2016 vs.	FY 2015
	Enacted	Current	Enacted	Request	\$	%
42 D 005 DIN I W dispersal project	Approp.	Approp.	Approp.		5.000	400.00/
13-D-905 RHLLW disposal project  Total, Idaho facilities management		16,398 196,276	5,369 206,000	211,826	-5,369 +5,826	-100.0% +2.8%
Total, Infrastructure		221,244	231,000	218,626	-12,374	-5.4%
Idaho sitewide safeguards and security		94,000	104,000	126,161	+22,161	+21.3%
Program direction		90,000	80,000	80,000	0	N/A
Subtotal, Nuclear Energy	893,376	882,492	913,500	907,574	-5,926	-0.6%
Adjustments:		100			•	N1/A
Transfer from Department of State		128 -5,000			0	N/A N/A
Rescission of prior year balances	,	-5,000	-80,121		+80,121	+100.0%
Total, Adjustments		-4,872	-80,121		+80,121	+100.0%
Total, Nuclear Energy		877,620	833,379	907,574	+74,195	+8.9%
Total, Nuclear Energy		877,620	833,379	907,574	+74,195	+8.9%
Defense (050) function(non-add)		( 98,600)	( 108,500)	( 135,161)		
Energy (270) function(non-add)	(789,776)	( 779,020)	( 724,879)	( 772,413)		
Office Of Indian Energy Policy & Programs Departmental Administration						
Office of Indian energy policy and programs (DA)	2,506	2,506	16,000		-16,000	-100.0%
Indian Energy Programs						
Program direction				3,510	+3,510	N/A
Tribal energy program				16,490	+16,490	N/A
Total, Indian Energy Programs				20,000	+20,000	N/A
Total, Indian Energy Policy & Programs	2,506	2,506	16,000	20,000	+4,000	+25.0%
Advanced Research Projects Agency - Energy Advanced Research Projects Agency - Energy (previously Energy Transformation Acceleration Fund) ARPA-E projects	28,000	252,000 28,000 	252,000 28,000	295,750 29,250 	+43,750 +1,250	+17.4% +4.5% +100.0%
Rescission of prior year balances  Total, Advanced Research Projects Agency - Energy		280,000	-18 279,982	325,000	+18 +45,018	+100.0%
Total, Advanced Research Projects Agency - Energy		280,000	279,982	325,000	+45,018	+16.1%
Energy Information Administration						
National energy information system	116,999	116,999	117,000	131,000	+14,000	+12.0%
Total, Energy Information Administration	116,999	116,999	117,000	131,000	+14,000	+12.0%
Title 17 - Innovative Technology Loan Guarantee Program						
Administrative operations	42,000	42,000	42,000	42,000	0	N/A
Loan guarantee, offsetting collections	22,000	-34,143	-25,000	-42,000	-17,000	-68.0%
Total, Title 17 - Innovative Technology						
Loan Guarantee	20,000	7,857	17,000		-17,000	-100.0%
Advanced Technology Vehicles Manufacturing						
Loan Program	0.055	2 225		0.000	.0.000	. = 0 05:
Administrative expenses	6,000	6,000	4,000	6,000	+2,000	+50.0%
Total, Advanced Technology Vehicles Manufacturing Loan Program	6,000	6,000	4,000	6,000	+2,000	+50.0%
manufacturing coan riogram		0,000	4,000	0,000	72,000	+30.076
Assistant Secretary For Environmental Management Non-Defense Environmental Cleanup						
Fast flux test reactor facility (WA)		2,542	2,562	2,562	0	N/A
Gaseous diffusion plants	,	96,222	104,403	104,403	0	N/A
Small sites		71,224	80,049	54,007	-26,042	-32.5%
West Valley demonstration project		64,000 233,988	58,986 246,000	59,213 220,185	+227 -25,815	+0.4%
Use of prior year balances		-2,206	2 <del>4</del> 0,000		-25,615 0	-10.5% N/A
Total, Non-Defense Environmental Cleanup		231,782	246,000	220,185	-25,815	-10.5%
,		,	, 000	,.00	,	. 3.0 ,0

	FY 2014	FY 2014	FY 2015	FY 2016	FY 2016 vs.	FY 2015
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%
Defense Environmental Cleanup Closure sites:						
Closure sites administration	4,702	4,702	4,889	4,889	0	N/A
Hanford site:						
River corridor and other cleanup operations:						
River corridor and other cleanup operations	408,634	408,634	377,788	196,957	-180,831	-47.9%
Central plateau remediation:	E10 66E	E40 665	407.456	EEE 162	· E7 707	.11 60/
Central plateau remediation		512,665 512,665	497,456 497,456	555,163 555,163	+57,707 +57,707	+11.6% +11.6%
Richland community and regulatory support	19,701	19,701	19,701	14,701	-5,000	-25.4%
Construction 15-D-401 Containerized sludge removal						
annex, RL			46,055	77,016	+30,961	+67.2%
Total, Hanford site		941,000	941,000	843,837	-97,163	-10.3%
Idaho National Laboratory:						
Idaho cleanup and waste disposition	383,300	383,300	377,293	357,783	-19,510	-5.2%
Idaho community and regulatory support		3,700	2,910	3,000	+90	+3.1%
Total, Idaho National Laboratory	387,000	387,000	380,203	360,783	-19,420	-5.1%
NNSA sites and Nevada off-sites						
Lawrence Livermore National Laboratory(Defense)	1,476	1,476	1,366	1,366	0	N/A
Separations Process Research Unit	23,700	23,700			0	N/A
Nevada	61,897	61,897	64,851	62,385	-2,466	-3.8%
Sandia National Laboratories		2,814	2,801	2,500	-301	-10.7%
Los Alamos National Laboratory  Los Alamos National Laboratory	224,789	224,789	185,000	188,625	+3,625	+2.0%
Construction:	224,769	224,769	165,000	100,023	+3,023	+2.0%
15-D-406 Hexavalent chromium D & D			4.600		4 600	100.00/
(VI-Lanl-0030) Total, Los Alamos National Laboratory		224,789	4,600 189,600	188,625	-4,600 -975	-100.0% -0.5%
Total, NNSA sites and Nevada off-sites		314,676	258,618	254,876	-3,742	-1.4%
Oak Ridge Reservation:						
OR cleanup and disposition						
OR cleanup and disposition	83,220	83,220	131,930	60,500	-71,430	-54.1%
Construction:						
15-D-405 - Sludge Buildout		83,220	4,200 136,130	60,500	-4,200 -75,630	-100.0% -55.6%
Total, OR cleanup and disposition	63,220	03,220	130,130	60,500	-75,030	-55.0%
Solid waste stabilization and disposition						
Oak Ridge technology development		3,960	4.005	2,800	+2,800	N/A
OR reservation community & regulatory support  OR Nuclear facility D & D	4,365	4,365	4,365	4,400	+35	+0.8%
OR Nuclear facility D & D	73,716	73,716	73,155	75,958	+2,803	+3.8%
Construction		,	,	,	-,	
14-D-403 Outfall 200 Mercury Treatment						
Facility	4,608	4,608	9,400	6,800	-2,600	-27.7%
Total, OR Nuclear facility D & D	78,324	78,324	82,555	82,758	+203	+0.2%
U233 Disposition Program	45,000	45,000		26,895	+26,895	N/A
Total, Oak Ridge Reservation		214,869	223,050	177,353	-45,697	-20.5%
Office of River Protection:						
Waste treatment & immobilization plant						
01-D-416 A-D/ORP-0060 / Major construction	510,000	510,000	563,000	595,000	+32,000	+5.7%
01-D-16E Pretreatment facility	180,000	180,000	104,000	95,000	-9,000	-8.7%
Total, Waste treatment & immobilization plant	690,000	690,000	667,000	690,000	+23,000	+3.4%
Tank farm activities						
Rad liquid tank waste stabilization					40	
and disposition.	520,216	520,216	522,000	649,000	+127,000	+24.3%
Construction: 15-D-409 Low activity waste pretreatment						
system, Hanford			23,000	75,000	+52,000	+226.1%
Total, Tank farm activities		520,216	545,000	724,000	+179,000	+32.8%
Total, Office of River protection		1,210,216	1,212,000	1,414,000	+202,000	+16.7%

	FY 2014	FY 2014	FY 2015	FY 2016	FY 2016 vs. FY 2015	
	Enacted Approp.	Current Approp.	Enacted Approp.	Request	\$	%
Savannah River sites:			••••	•	•	
Savannah River risk management operations: Savannah River risk management operations	432,491	432,491	397,976	386,652	-11,324	-2.8
SR community and regulatory support	11,210	11,210	11,013	11,249	+236	+2.1
Radioactive liquid tank waste stabilization	505 500	505 500	547.040	504.070	.04.500	
and disposition	565,533	565,533	547,318	581,878	+34,560	+6.3
15-D-402 - Saltstone Disposal Unit #6			30,000	34,642	+4,642	+15.5
05-D-405 Salt waste processing facility,	405.000	405.000	405.000	404.000	50.000	40.
Savannah River	-,	125,000 125,000	135,000 165,000	194,000 228.642	+59,000 +63,642	+43.7
Total, Radioactive liquid tank waste		690,533	712,318	810,520	+98,202	+13.8
Total, Savannah River site		1,134,234	1,121,307	1,208,421	+87,114	+7.8
Waste Isolation Pilot Plant						
Waste isolation pilot plant	216,193	216,193	304,000	212,600	-91,400	-30.1
15-D-411 Safety significant confinement						
ventilation system, WIPP	<del></del>		12,000	23,218	+11,218	+93.5
15-D-412 Exhaust shaft, WIPP			4,000	7,500	+3,500	+87.5
Total, Construction  Total, Waste Isolation Pilot Plant		216 102	16,000 320,000	30,718 243,318	+14,718 -76,682	+92.0
Total, Waste Isolation Pilot Plant	216,193	216,193	320,000	243,318	-76,682	-24.0
Program direction		300,000	280,784	281,951	+1,167	+0.4
Program support	17,979	17,979	14,979	14,979	0	N
Safeguards and Security: Oak Ridge Reservation	18,800	18,800	16,382	17,228	+846	+5.
Paducah		12,434	7,297	8,216	+919	+12.
Portsmouth	,	12,500	8,492	8,492	0	
Richland/Hanford Site	,	69,078	63,668	67,601	+3,933	+6.
Savannah River Site	121,196	121,196	138,235	128,345	-9,890	-7.
Waste Isolation Pilot Project	4,977	4,977	4,455	4,860	+405	+9.
West Valley Total, Safeguards and Security		2,015 241,000	1,471 240,000	1,891 236,633	+420 -3,367	+28.0
			44.000	44.540	.540	. 2 /
Technology development  Defense Uranium enrichment D&D		17,424	14,000 463,000	14,510 471,797	+510 +8,797	+3.6 +1.9
Subtotal, Defense environmental cleanup	5,000,000	4,999,293	5,473,830	5,527,347	+53,517	+1.0
Rescission of prior year balances			-20,813		+20,813	+100.0
otal, Defense Environmental Cleanup	5,000,000	4,999,293	5,453,017	5,527,347	+74,330	+1.4
Jranium Enrichment Decontamination and Decommissioning Fund						
Oak Ridge	195,741	195,741	167,898	154,235	-13,663	-8.
Paducah Paducah	265,220	265,220	198,729	167,456	-31,273	-15.7
Construction 15-U-407 On-site waste disposal facility						
Paducah (PA-0040)			8,486		-8,486	-100.0
15-U-401 Swmu 5&6,						
Paducah (PA-0040) Total, Paducah		265,220	207,215	1,196 168,652	+1,196 -38,563	-18.6
Portsmouth						
Portsmouth	137,613	137,613	209,524	131,117	-78,407	-37.4
Construction 15-U-408 On-site waste disposal facility						
Portsmouth (PO-0040)			4,500	34,300	+29,800	+662.2
Total, Portsmouth		137,613	214,024	165,417	-48,607	-22.
Pension and community and regulatory support						
Oak Ridge			21,693	16,856	-4,837	-22.3
Paducah			2,375 1 705	2,375 1,705	0 0	N
Dortemouth			1,795	1,795	-4,837	-18.7
Portsmouth  Total, Pension and community& regulatory support			25,863	21,026	-4,037	
			10,000	32,959	-4,637 +22,959	+229.6

	FY 2014	FY 2014	FY 2015	FY 2016	FY 2016 vs. FY 2015		
	Enacted	Current	Enacted	Request	\$	%	
Handing Farishment DOD Ford Discontinuous Decement	Approp.	Approp.	Approp.				
Uranium Enrichment D&D Fund Discretionary Payment Transfer payment from Defense ER&WM			-463,000	-471,797	-8,797	-1.9%	
Total, Uranium enrichment D&D fund			-463,000	-471,797	-8,797	-1.9%	
Total, Environmental Management	5,830,315	5,829,649	5,861,017	5,818,024	-42,993	-0.7%	
Office Of Legacy Management							
Other Defense Activities							
Legacy management  Program direction		163,271 13,712	158,639 13,341	154,080 13,100	-4,559 -241	-2.9% -1.8%	
Rescission of prior year balances (LM)	,	13,712	-126	13,100	+126	+100.0%	
Total, Other Defense Activities		176,983	171,854	167,180	-4,674	-2.7%	
Total, Office Of Legacy Management	176,983	176,983	171,854	167,180	-4,674	-2.7%	
Chief Information Officer							
Departmental Administration							
Program direction		35,401	33,188	30,988	-2,200	-6.6%	
Cybersecurity and secure communications  Corporate IT program support		30,795 15,866	21,364 19,612	21,006 27,806	-358 +8,194	-1.7% +41.8%	
Subtotal, Departmental Administration		82,062	74,164	79,800	+5,636	+7.6%	
Use of prior year balances			-2,205		+2,205	+100.0%	
Digital service team - CIO			74.050	4,000	+4,000	N/A	
Funding from other defense activities (CIO)		-82,062	-71,959 	-83,800	-11,841 0	-16.5% N/A	
Total, Departmental Administration					U	IN/A	
Other Defense Activities Defense related administrative support (CIO)	82,062	82,062	71,959	83,800	+11,841	+16.5%	
Rescission of prior year balances (CIO)		62,062	7 1,959 -53	63,600	+11,041	+100.0%	
Total, Chief Information Officer		82,062	71,906	83,800	+11,894	+16.5%	
Office Of Management Departmental Administration							
Program direction	57,599	57,599	62,946	76,227	+13,281	+21.1%	
Funding from other defense activities (MA)	,			-3,000	-3,000	N/A	
Total, Departmental Administration	57,599	57,599	62,946	73,227	+10,281	+16.3%	
Other Defense Activities							
Defense related administrative support (MA)		57,599	62,946	3,000 <b>76,227</b>	+3,000 +13,281	N/A +21.1%	
Total, Management	57,599	37,339	02,940	10,221	+13,201	<del>+</del> 21.1 /6	
Chief Human Capital Officer							
Departmental Administration	0.4.400	0.4.400	0.4.500	05.400		0.70/	
Program direction  Total, Chief Human Capital Officer		24,488 <b>24,488</b>	24,500 <b>24.500</b>	25,400 <b>25,400</b>	+900 + <b>900</b>	+3.7%	
Total, Only Turnar Suprar Shissinininininininininininininininininin	24,400	24,400	24,000	20,400	1000	10.170	
Office Of Hearings And Appeals							
Other Defense Activities	F 000	E 022	E E00	E E00	0	NI/A	
Office of hearings and appealsRescission of prior year balances (OHA)	,	5,022	5,500 -4	5,500	0 +4	N/A +100.0%	
Total, Hearings And Appeals		5,022	5,496	5,500	+4	+0.1%	
Office Of Economic Impact And Diversity							
Program direction		6,648	6,200	10,000	+3,800	+61.3%	
Minority economic impact  Use of prior year balances & other adj		2,483 -175	2,800		-2,800 0	-100.0% N/A	
Total, Economic Impact And Diversity		8,956	9,000	10,000	+1,000	+11.1%	
Office Of Small And Disadvantaged			0.050	2 222	~ 1~	.00.001	
Business Utilization			2,253	3,000	+747	+33.2%	
Office Of The Secretary							
Departmental Administration							
Program direction		5,008	5,008	5,300	+292	+5.8%	
Total, Office Of The Secretary	5,008	5,008	5,008	5,300	+292	+5.8%	

Property   Perspect   Perspect		FY 2014	FY 2014	14 FY 2015	FY 2016	FY 2016 vs. FY 2015	
Departmental Administration   Strategic partnership properts (BPP).		Enacted	Current				
Miscolarnous revenues.   108   188   119,171   117,171   1 2,000   17,78   Residation for prive part balances.	• • •						
Resease of prior year balances				,	-,		
Total, Strategic Partnership Projects/Revenues.   59,651   78,099   77,171   4928   12%				- /			
Chief Financial Officer   Departmental Administration   47,855   47,855   47,000   50,165   43,182   48,800   10,000	· ·						
Departmental Administration	Total, otrategic i artifersinp i rojects/Novellaes		-55,051	-10,033	-11,111	+320	Ŧ1.Z /0
Program direction							
Subtotal Departmental Administration	·						
Funding from other defense activities (CFC). 38,774 38,774 46,780 38,788 +11,032 23,865	· ·			- '	, -		
Total_Departmental Administration	· · ·			,			
Defense related administrative support (CFO).   36,774   36,774   46,877   35,758   11,119   23.7%     Rescission of prior year balances (CF)							
Defense related administrative support (CPC).   88,774   88,774   48,77   35,758   11,119   2-23.7%   Resission for prior year balances (CP)							
Total, Chier Defense Activities.   36,774   36,774   46,843   30,758   -11,085   -23,7%	Defense related administrative support (CFO)		36,774	,	35,758		
Total, Chief Financial Officer			36.774		35.758		
Assistant Secretary For Congressional And Intergovernmental Affairs  Departmental Administration  Program direction			,			•	
Use of priory year balances.	Intergovernmental Affairs				·		
Total, Congressional And Intergovernmental Affairs	Program direction	4,700	4,700	6,300	6,300	0	N/A
Office Of Public Affairs   Departmental Administration   Program direction.   3,597   3,597   3,431   3,431   0   N/A						•	
Departmental Administration   Program direction.   3.597   3.597   3.431   3.431   0   N/A	Total, Congressional And Intergovernmental Affairs	4,700	4,700	4,700	6,300	+1,600	+34.0%
Program direction	Office Of Public Affairs						
Total, Public Affairs.   3,597   3,597   3,431   3,431   0   N/A	·					_	
Office Of General Counsel							
Departmental Administration   33,053   33,053   33,000   33,000   0   N/A	Total, Fubile Attails	3,591	3,397	3,431	3,431		IN/A
Program direction.   33,053   33,003   33,000   0   N/A     Total, General Counsel.   33,053   33,053   31,000   31,000   0   N/A     Total, General Counsel.   33,053   33,053   31,000   31,000   0   N/A     Total, General Counsel.   33,053   33,053   31,000   31,000   0   N/A     International Affairs							
Use of prior year balances	·		00.050				
International Affairs	· ·		33,053	,			
Departmental Administration	· · ·		33,053				
Departmental Administration							
Program direction							
Climate change international	·	12,518	13,066	13,000	23,600	+10,600	+81.5%
Total, International Affairs			520			0	N/A
Energy Policy And Systems Analysis   Departmental Administration   Program direction							
Departmental Administration   Program direction	Total, International Affairs	15,873	15,873	13,000	23,600	+10,600	+81.5%
Program direction	Energy Policy And Systems Analysis						
Policy analysis and system studies							
Climate change domestic	•	,					
Total, Energy Policy And Systems Analysis							
Tribal Indian Energy Loan Guarantee Program							
Loan guarantee credit subsidy costs	Total, Lifelgy Folicy And Systems Analysis	13,203	13,203	31,101	33,000	+3,013	T12.2 /6
Administrative operations					2 222	.0.000	****
Total, Tribal Indian Energy Loan Guarantee Program.							
Other Defense Activities       143,616       143,616        0       N/A         Program direction	•						
Other Defense Activities       143,616       143,616        0       N/A         Program direction	Hacklib Cafata And Casarita						
Health, safety and security							
Program direction         108,301         108,301          0         N/A		143.616	143.616			0	N/A
						0	

	FY 2014	EV 2044	EV 2045	EV 2040	FY 2016 vs. FY 2015	
	Enacted Approp.	FY 2014 Current Approp.	FY 2015 Enacted Approp.	FY 2016 Request	\$	% %
Environment, Health, Safety And Security						
Environment, health, safety and security			118,763	120,693	+1,930	+1.6% +1.4%
Program direction  Rescission of prior year balances			62,235 -132	63,105	+870 +132	+1.4%
Total, Environment, Health, Safety And Security			180,866	183,798	+2,932	+1.6%
,,,,,,,,			,	,	,	
Independent Enterprise Assessments						
Independent enterprise assessments			24,068		-24,068	-100.0%
Program direction			49,466		-49,466	-100.0%
Rescission of prior year balances (IEA)			-54 <b>73,480</b>		+54 - <b>73,480</b>	+100.0% -100.0%
Enterprise Assessments Enterprise assessments				24,068	+24,068	N/A
Program direction				49,466	+49,466	N/A
Total, Enterprise Assessments				73,534	+73,534	N/A
Specialized Security Activities						
Other Defense Activities	222 - :-	222 - : -	222 :==	004		
Specialized security activities		202,242	203,152	221,855	+18,703	+9.2%
Rescission of prior year balances (SSA)		202,242	-148 <b>203,004</b>	221,855	+148 <b>+18,851</b>	+100.0% +9.3%
Total, openialized decarty Activities	202,242	202,242	203,004	221,000	+10,001	+3.570
Office Of Inspector General	40.400	40.400	40.500	40.404	<b>5</b> 00 4	4.4.007
Office of inspector general  Total, Office Of Inspector General		42,120 <b>42,120</b>	40,500 <b>40,500</b>	46,424 <b>46,424</b>	+5,924 + <b>5,924</b>	+14.6% +14.6%
Total, Office of Inspector General	42,120	42,120	40,300	40,424	+3,924	+14.0 /
Power Marketing Administrations						
Southeastern Power Administration	02.204	02.294	90.710	92 600	6 110	6 90/
Purchase power and wheeling Program direction		93,284 7,750	89,710 7,220	83,600 6,900	-6,110 -320	-6.8% -4.4%
Subtotal, Southeastern Power Administration		101,034	96,930	90,500	-6,430	-6.6%
Less alternative financing (for PPW)		-15,203	-16,131	-17,100	-969	-6.0%
Offsetting collections (PD)	-7,750	-7,750	-2,220	-6,900	-4,680	-210.8%
Offsetting collections (for PPW)	-78,081	-78,081	-73,579	-66,500	+7,079	+9.6%
Use of Prior Year Balances Total, Southeastern Power Administration			-5,000 		+5,000 0	+100.0% N/A
Southwestern Power Administration						
Operations and maintenance		13,598	15,174	19,279	+4,105	+27.1%
Purchase power and wheeling		52,000 29,939	63,000 31,089	73,000 31,932	+10,000	+15.9% +2.7%
Program direction  Construction		6,227	13,403	12,012	+843 -1,391	+2.7 % -10.4%
Subtotal, Southwestern Power Administration		101,764	122,666	136,223	+13,557	+11.1%
Less alternative financing (for O&M)	-2,308	-2,308	-5,934	-8,288	-2,354	-39.7%
Less alternative financing (for PPW)	-10,000	-10,000	-10,000	-10,000	0	N/A
Less alternative financing (Const)	-2,000	-2,000	-7,492	-7,574	-82	-1.1%
Offsetting collections (for program direction)	-28,267	-28,267	-29,402	-29,938	-536	-1.8%
Offsetting collections (for O&M)	-5,297	-5,297	-5,438	-6,023	-585	-10.8%
Offsetting collections (for PPW) Total, Southwestern Power Administration	-42,000 11,892	-42,000 11,892	-53,000 11,400	-63,000 11,400	-10,000 0	-18.9% N/A
Western Area Power Administration						
Western Area Power Administration (CROM)						
Construction and rehabilitation		122,437	86,645	58,374	-28,271	-32.6%
Operation and maintenance  Purchase power and wheeling	82,843 407,109	82,843 407,109	81,958 441,223	80,901 565,927	-1,057 +124,704	-1.3% +28.3%
Program Direction		217,709	227,905	236,398	+8,493	+3.7%
Subtotal, Western Area Power Administration (CROM)	830,098	830,098	837,731	941,600	+103,869	+12.4%
Less alternative financing (for O & M)	-5,500	-5,500	-5,197	-1,757	+3,440	+66.2%
Less alternative financing (for Construction)	-105,678	-105,678	-74,448	-53,585	+20,863	+28.0%
Less alternative financing (for Program Dir.)		-5,800	-5,300	-5,273	+27	+0.5%
Less alternative financing (for PPW)	-176,371	-176,371	-180,713	-213,114	-32,401	-17.9%
Offsetting collections (for program direction)		-168,193	-174,285	-177,697	-3,412	-2.0%
Offsetting collections (for O&M)  Offsetting collections (P.L. 108-447/109-103)	-35,796 -230,738	-35,796 -230,738	-36,745 -260,510	-36,645 -352,813	+100	+0.3%
Onsetting collections (F.L. 100-447/109-103)	-230,738	-230,738	-260,510	-352,813	-92,303	-35.4%

	FY 2014	FY 2014	FY 2015	FY 2016	FY 2016 vs. FY 2015	
	Enacted	Current	Enacted	Request	\$	%
	Approp.	Approp.	Approp.			
Offsetting collections (P.L. 98-381)	-6,092	-6,092	-7,161	-7,344	-183	-2.6%
Rescission of prior year balances			-1,632		+1,632	+100.0%
Total, Western Area Power Administration (CROM)	95,930	95,930	91,740	93,372	+1,632	+1.8%
Falcon and Amistad Operating and Maintenance Fund						
Operation and maintenance	. 6,196	6,196	5,529	4,950	-579	-10.5%
Offsetting collections	-4,911	-4,911	-4,499	-4,262	+237	+5.3%
Less alternative financing	865	-865	-802	-460	+342	+42.6%
Total, Falcon and Amistad Fund	420	420	228	228	0	N/A
Colorado River Basins Power Marketing Fund						
Spending authority from offsetting collections						
Equipment, contracts and other related expense	. 123,403	123,403	167,108	153,840	-13,268	-7.9%
Program direction		57,441	61,101	61,807	+706	+1.2%
Total, Spending authority from offsetting			•			
collections	. 180,844	180,844	228,209	215,647	-12,562	-5.5%
Offsetting collections	-203,844	-203,844	-251,209	-238,647	+12,562	+5.0%
Total, Colorado River Basins	-23,000	-23,000	-23,000	-23,000	0	N/A
Total, Western Area Power Administration	73,350	73,350	68,968	70,600	+1,632	+2.4%
Total, Power Marketing Administrations	. 85,242	85,242	80,368	82,000	+1,632	+2.0%
Federal Energy Regulatory Commission	445 504	445 504	440.574	440.004	. 0 0 47	4.50/
Just and Reasonable Rates, Terms, and Conditions)		145,564	142,574	148,921	+6,347	+4.5%
Safe, Reliable, Secure, & Efficient Infrastructure		104,407	106,004	112,507	+6,503	+6.1%
Mission Support through Organizational Excellence		54,629	55,811	58,372	+2,561	+4.6%
FERC revenues		-304,600	-304,389	-319,800	-15,411	-5.1%
Total, Federal Energy Regulatory Commission					0	N/A
Excess fees and recoveries, FERC		10.000	00.405	00.505	4.000	47.00/
Fees & recoveries in excess of annual appropriations		-19,686	-28,485	-23,587	+4,898	+17.2%
Total, Federal Energy Regulatory Commission	-26,236	-19,686	-28,485	-23,587	+4,898	+17.2%
Title XVII Loan Guar. Prog section 1703						
Negative Credit Subsidy Receipt				-68,000	-68,000	N/A