

U.S. DEPARTMENT OF ENERGY
 FY 2017 Summary Control Table by Appropriation
 (dollars in thousands - OMB Scoring)

	FY 2015 Enacted Approp.	FY 2015 Current Approp.	FY 2016 Enacted Approp.	FY 2017 Congressional Request	FY 2017 vs. FY 2016	
					\$	%
Discretionary Summary By Appropriation						
Energy And Water Development And Related Agencies						
Appropriation Summary:						
Energy Programs						
Energy efficiency and renewable energy.....	1,914,195	1,840,847	2,069,194	2,898,400	+829,206	+40.1%
Electricity delivery and energy reliability.....	146,975	143,901	206,000	262,300	+56,300	+27.3%
Nuclear energy.....	833,379	821,883	986,161	993,896	+7,735	+0.8%
Fossil energy programs						
Clean coal technology.....	-6,600	-2,876	----	----	----	----
Fossil energy research and development.....	560,587	548,885	632,000	360,000	-272,000	-43.0%
Naval petroleum and oil shale reserves.....	19,950	20,640	17,500	14,950	-2,550	-14.6%
Elk Hills school lands fund.....	15,580	15,580	----	----	----	----
Strategic petroleum reserve.....	200,000	200,000	212,000	257,000	+45,000	+21.2%
Northeast home heating oil reserve.....	1,600	1,600	7,600	6,500	-1,100	-14.5%
Total, Fossil energy programs.....	791,117	783,829	869,100	638,450	-230,650	-26.5%
Uranium enrichment D&D fund.....	625,000	625,000	673,749	----	-673,749	-100.0%
Energy information administration.....	117,000	117,000	122,000	131,125	+9,125	+7.5%
Non-Defense environmental cleanup.....	246,000	246,030	255,000	218,400	-36,600	-14.4%
Science.....	5,067,738	5,132,813	5,347,000	5,572,069	+225,069	+4.2%
Advanced research projects agency - Energy..... (was Energy transformation acceleration fund)	279,982	279,982	291,000	350,000	+59,000	+20.3%
Departmental administration.....	125,043	135,686	130,971	144,866	+13,895	+10.6%
Office of Indian energy.....	----	----	----	22,930	+22,930	N/A
Inspector general.....	40,500	40,500	46,424	44,424	-2,000	-4.3%
Title 17 - Innovative technology						
loan guarantee program.....	17,000	17,000	17,000	10,000	-7,000	-41.2%
Advanced technology vehicles manufacturing						
loan program.....	4,000	4,000	6,000	5,000	-1,000	-16.7%
Office of Technology Transitions.....	----	----	----	8,400	+8,400	N/A
Total, Energy Programs.....	10,207,929	10,188,471	11,019,599	11,300,260	+280,661	+2.5%
Atomic Energy Defense Activities						
National nuclear security administration:						
Weapons activities.....	8,180,359	8,180,609	8,846,948	9,243,147	+396,199	+4.5%
Defense nuclear nonproliferation.....	1,615,248	1,612,651	1,940,302	1,807,916	-132,386	-6.8%
Naval reactors.....	1,233,840	1,233,840	1,375,496	1,420,120	+44,624	+3.2%
Office of the administrator.....	-413	-413	----	----	----	----
Federal Salaries and Expenses.....	370,000	370,000	363,766	412,817	+49,051	+13.5%
Total, National nuclear security administration.....	11,399,034	11,396,687	12,526,512	12,884,000	+357,488	+2.9%
Environmental and other defense activities:						
Defense environmental cleanup.....	4,990,017	4,989,555	5,289,742	5,382,050	+92,308	+1.7%
Other defense activities.....	753,449	753,449	776,425	791,552	+15,127	+1.9%
Total, Environmental & other defense activities.....	5,743,466	5,743,004	6,066,167	6,173,602	+107,435	+1.8%
Total, Atomic Energy Defense Activities.....	17,142,500	17,139,691	18,592,679	19,057,602	+464,923	+2.5%
Power marketing administrations:						
Southeastern power administration.....	----	----	----	----	----	----
Southwestern power administration.....	11,400	11,400	11,400	11,057	-343	-3.0%
Western area power administration (CROM).....	91,740	91,740	93,372	95,581	+2,209	+2.4%
Falcon & Amistad operating & maintenance fund.....	228	228	228	232	+4	+1.8%
Colorado River Basins.....	-23,000	-23,000	-23,000	-23,000	----	----
Total, Power marketing administrations.....	80,368	80,368	82,000	83,870	+1,870	+2.3%
Federal energy regulatory commission.....	----	----	----	----	----	----
Subtotal, Energy And Water Development and Related Agencies.....	27,430,797	27,408,530	29,694,278	30,441,732	+747,454	+2.5%

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Uranium enrichment D&D fund discretionary payments.....	-463,000	-463,000	----	-155,100	-155,100	N/A
Defense EM funded						
Uranium enrichment D&D fund contribution.....	463,000	463,000	----	----	----	----
Excess fees and recoveries, FERC.....	-28,485	-17,325	-23,587	-9,426	+14,161	+60.0%
Title XVII Loan guar. prog section 1703 negative credit subsidy receipt.....	----	----	-68,000	-37,000	+31,000	+45.6%
Total, Discretionary Funding.....	27,402,312	27,391,205	29,602,691	30,240,206	+637,515	+2.2%

Memo: Total Discretionary by budget function

(Defense (050) function, non-add).....	(17,714,000)	(17,711,191)	(18,718,840)	(19,209,478)
(Non-Defense (250/270) function, non-add).....	(9,688,312)	(9,680,014)	(10,883,851)	(11,030,728)
(Science (250) function, non-add).....	(5,067,738)	(5,132,813)	(5,347,000)	(5,572,069)
(Energy (270) function, non-add).....	(4,620,574)	(4,547,201)	(5,536,851)	(5,458,659)

New DOE Mandatory Funding

Science University Grants.....	----	----	----	100,000	+100,000	N/A
21st Century Clean Transportation Plan Investments.....	----	----	----	1,335,000	+1,335,000	N/A
ARPA-E.....	----	----	----	150,000	+150,000	N/A
USEC Fund						
Oak Ridge.....	----	----	----	159,416	+159,416	N/A
Paducah.....	----	----	----	205,530	+205,530	N/A
Portsmouth.....	----	----	----	255,850	+255,850	N/A
Pension and community and regulatory support						
Oak Ridge.....	----	----	----	18,772	+18,772	N/A
Paducah.....	----	----	----	2,386	+2,386	N/A
Portsmouth.....	----	----	----	1,795	+1,795	N/A
Total, Pension and community& regulatory support.....	----	----	----	22,953	+22,953	N/A
Title X uranium/thorium reimbursement program.....	----	----	----	30,000	+30,000	N/A
Total, USEC Fund.....	----	----	----	673,749	+673,749	N/A
Total, New DOE Mandatory Funding.....	----	----	----	2,258,749	+2,258,749	N/A
Total, DOE.....	27,402,312	27,391,205	29,602,691	32,498,955	+2,896,264	+9.8%

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Energy Efficiency And Renewable Energy						
Energy Efficiency and Renewable Energy RDD&D						
Sustainable transportation:						
Vehicle technologies.....	280,000	272,526	310,000	468,500	+158,500	+51.1%
Bioenergy technologies.....	225,000	175,915	225,000	278,900	+53,900	+24.0%
Hydrogen and fuel cell technologies.....	97,000	94,830	100,950	105,500	+4,550	+4.5%
Total, Sustainable transportation.....	602,000	543,271	635,950	852,900	+216,950	+34.1%
Renewable energy:						
Solar energy.....	233,000	230,800	241,600	285,100	+43,500	+18.0%
Wind energy.....	107,000	105,936	95,450	156,000	+60,550	+63.4%
Water power.....	61,000	59,999	70,000	80,000	+10,000	+14.3%
Geothermal technologies.....	55,000	54,288	71,000	99,500	+28,500	+40.1%
Total, Renewable energy.....	456,000	451,023	478,050	620,600	+142,550	+29.8%
Energy efficiency:						
Advanced Manufacturing.....	200,000	194,175	228,500	261,000	+32,500	+14.2%
Federal energy management program.....	27,000	27,000	27,000	43,000	+16,000	+59.3%
Building Technologies.....	172,000	168,153	200,500	289,000	+88,500	+44.1%
Weatherization & intergovernmental Program						
Weatherization assistance program						
Weatherization assistance program.....	189,600	189,600	211,600	225,000	+13,400	+6.3%
Training and technical assistance.....	3,000	3,000	3,000	5,000	+2,000	+66.7%
NREL Site-Wide Facility Support.....	400	400	400	----	-400	-100.0%
Total, Weatherization assistance program.....	193,000	193,000	215,000	230,000	+15,000	+7.0%
State energy program.....	----	----	----	70,000	+70,000	N/A
State energy program grants.....	50,000	50,000	50,000	----	-50,000	-100.0%
Cities, counties, & communities energy program.....	----	----	----	26,000	+26,000	N/A
Total, Weatherization & intergovernmental Program.....	243,000	243,000	265,000	326,000	+61,000	+23.0%
Total, Energy efficiency.....	642,000	632,328	721,000	919,000	+198,000	+27.5%
Crosscutting Innovation Initiatives.....	----	----	----	215,000	+215,000	N/A
Corporate support:						
Program direction.....	160,000	160,750	155,000	170,900	+15,900	+10.3%
Strategic programs.....	21,000	21,000	21,000	28,000	+7,000	+33.3%
Total, Corporate support.....	181,000	181,750	176,000	198,900	+22,900	+13.0%
Subtotal, Energy Efficiency and Renew. Energy RDD&D.....	1,881,000	1,808,372	2,011,000	2,806,400	+795,400	+39.6%
Facilities and infrastructure.....	56,000	56,000	62,000	92,000	+30,000	+48.4%
Subtotal, Energy Efficiency and Renewable Energy.....	1,937,000	1,864,372	2,073,000	2,898,400	+825,400	+39.8%
Adjustments:						
Use of prior year balances (EE).....	----	-720	----	----	----	----
Subtotal, Energy Efficiency and Renewable Energy.....	1,937,000	1,863,652	2,073,000	2,898,400	+825,400	+39.8%
Rescissions:						
Rescission of prior year balances.....	-13,065	-13,065	----	----	----	----
Rescission of prior year balances (Gen. Prov.).....	-9,740	-9,740	-3,806	----	+3,806	+100.0%
Total, Rescissions.....	-22,805	-22,805	-3,806	----	+3,806	+100.0%
Total, Energy Efficiency And Renewable Energy.....	1,914,195	1,840,847	2,069,194	2,898,400	+829,206	+40.1%

Electricity Delivery & Energy Reliability

Electricity Delivery & Energy Reliability						
Clean energy transmission and reliability						
Transmission reliability.....	17,424	16,849	17,000	12,300	-4,700	-27.6%
Advanced modeling grid research.....	10,648	10,297	15,000	12,000	-3,000	-20.0%
Energy systems predictive capability.....	6,190	6,190	7,000	6,000	-1,000	-14.3%
Total, Clean energy transmission and reliability.....	34,262	33,336	39,000	30,300	-8,700	-22.3%
Smart grid research and development.....	15,439	14,930	35,000	30,000	-5,000	-14.3%
Cybersecurity for energy delivery systems.....	45,999	44,756	62,000	45,500	-16,500	-26.6%
Energy storage.....	12,000	11,604	20,500	44,500	+24,000	+117.1%
Transformer resilience and advanced components.....	----	----	5,000	15,000	+10,000	+200.0%
National electricity delivery.....	6,000	6,000	7,500	6,500	-1,000	-13.3%
State Distribution-level Reform Program.....	----	----	----	15,000	+15,000	N/A

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Infrastructure security & energy restoration						
Infrastructure security & energy restoration.....	6,000	6,000	9,000	17,500	+8,500	+94.4%
State energy assurance.....	----	----	----	15,000	+15,000	N/A
Program direction.....	27,606	27,606	28,000	29,000	+1,000	+3.6%
Grid Institute.....	----	----	----	14,000	+14,000	N/A
Subtotal, Electricity Delivery & Energy Reliability.....	147,306	144,232	206,000	262,300	+56,300	+27.3%
Rescissions:						
Rescission of prior year balances (Gen. Prov.).....	-331	-331	----	----	----	----
Total, Electricity Delivery & Energy Reliability.....	146,975	143,901	206,000	262,300	+56,300	+27.3%
Nuclear Energy						
Research and Development						
Integrated University Program.....	5,000	5,000	5,000	----	-5,000	-100.0%
Step R&D.....	5,000	4,835	5,000	----	-5,000	-100.0%
SMR licensing technical support.....	54,500	54,500	62,500	89,600	+27,100	+43.4%
Nuclear Energy Enabling Technologies.....	101,000	97,666	111,600	89,510	-22,090	-19.8%
Reactor Concepts RD&D.....	133,000	128,611	141,718	108,760	-32,958	-23.3%
Fuel cycle research and development						
Material recovery and waste form development						
Material recovery and waste form development (270).....	35,300	33,165	32,950	23,300	-9,650	-29.3%
Advanced fuels.....	60,100	58,070	62,100	59,000	-3,100	-5.0%
Systems analysis and integration.....	16,900	17,380	10,500	5,000	-5,500	-52.4%
Materials protection, accounting and control technology.....	7,600	7,142	8,050	7,000	-1,050	-13.0%
Used nuclear fuel disposition						
Used nuclear fuel disposition R&D (270).....	49,000	47,724	62,500	74,338	+11,838	+18.9%
Integrated Waste Management System Storage and Transportation						
Storage and Transportation (270).....	18,000	18,000	22,500	36,900	+14,400	+64.0%
Consent Based Siting						
Consent Based Siting (270).....	----	----	----	24,140	+24,140	N/A
Consent Based Siting(050).....	----	----	----	15,260	+15,260	N/A
Total, Consent Based Siting.....	----	----	----	39,400	+39,400	N/A
Total, Integrated Waste Management System.....	18,000	18,000	22,500	76,300	+53,800	+239.1%
Used nuclear fuel disposition R&D (050).....	4,500	4,500	----	----	----	----
Total, Used nuclear fuel disposition.....	71,500	70,224	85,000	150,638	+65,638	+77.2%
Fuel resources.....	5,600	5,261	5,200	5,000	-200	-3.8%
Total, Fuel cycle research and development.....	197,000	191,242	203,800	249,938	+46,138	+22.6%
International nuclear energy cooperation.....	3,000	3,000	3,000	4,500	+1,500	+50.0%
Total, Research and Development.....	498,500	484,854	532,618	542,308	+9,690	+1.8%
Radiological facilities management						
Space and defense infrastructure.....	20,000	20,000	18,000	----	-18,000	-100.0%
Research reactor infrastructure.....	5,000	5,000	6,800	7,000	+200	+2.9%
Total, Radiological facilities management.....	25,000	25,000	24,800	7,000	-17,800	-71.8%
Idaho facilities management						
Idaho facilities management.....	206,000	206,000	222,582	226,585	+4,003	+1.8%
Idaho sitewide safeguards and security.....	104,000	104,000	126,161	129,303	+3,142	+2.5%
Program direction.....	80,000	80,000	80,000	88,700	+8,700	+10.9%
Subtotal, Nuclear Energy.....	913,500	899,854	986,161	993,896	+7,735	+0.8%
Adjustments:						
Transfer from Department of State.....	----	2,150	----	----	----	----
Subtotal, Nuclear Energy.....	913,500	902,004	986,161	993,896	+7,735	+0.8%
Rescissions:						
Rescission of prior year balances.....	-80,000	-80,000	----	----	----	----
Rescission of prior year balances (Gen. Prov.).....	-121	-121	----	----	----	----
Total, Rescissions.....	-80,121	-80,121	----	----	----	----
Total, Nuclear Energy.....	833,379	821,883	986,161	993,896	+7,735	+0.8%

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Clean Coal Technology						
Rescission of prior year balances.....	-6,600	-2,876	---	---	---	---
Fossil Energy Research And Development						
Fossil Energy Research and Development (OLD)						
Coal						
CCS and Power Systems						
Carbon Capture.....	88,000	85,269	101,000	---	-101,000	-100.0%
Carbon Storage.....	100,000	96,896	106,000	---	-106,000	-100.0%
Advanced Energy Systems.....	103,000	99,803	105,000	---	-105,000	-100.0%
Crosscutting Research.....	49,000	47,560	50,000	---	-50,000	-100.0%
NETL Coal Research and Development.....	50,000	50,000	53,000	---	-53,000	-100.0%
STEP (Supercritical CO2).....	10,000	9,690	15,000	---	-15,000	-100.0%
Total, CCS and power systems.....	400,000	389,218	430,000	---	-430,000	-100.0%
Total, Coal.....	400,000	389,218	430,000	---	-430,000	-100.0%
Natural Gas Technologies.....	25,121	24,341	43,000	---	-43,000	-100.0%
Unconventional Fossil Energy Technologies from Petroleum - Oil technologies.....	4,500	4,360	20,321	---	-20,321	-100.0%
Program Direction.....	119,000	119,000	114,202	---	-114,202	-100.0%
Plant and Capital Equipment.....	15,782	15,782	15,782	---	-15,782	-100.0%
Fossil Energy Environmental Restoration.....	5,897	5,897	7,995	---	-7,995	-100.0%
Special Recruitment Programs.....	700	700	700	---	-700	-100.0%
Subtotal, Fossil Energy Research and Development.....	571,000	559,298	632,000	---	-632,000	-100.0%
Rescissions:						
Rescission of prior year balances (Gen. Prov.).....	-10,413	-10,413	---	---	---	---
Total, Rescissions.....	-10,413	-10,413	---	---	---	---
Total, Fossil Energy Research and Development (OLD).....	560,587	548,885	632,000	---	-632,000	-100.0%
Fossil Energy Research and Development (NEW)						
CCS and Advanced Power Systems						
Carbon Capture.....	---	---	---	170,352	+170,352	N/A
Carbon Storage.....	---	---	---	90,875	+90,875	N/A
Advanced Energy Systems.....	---	---	---	47,800	+47,800	N/A
Crosscutting Research and Analysis.....	---	---	---	59,350	+59,350	N/A
Total, CCS and Advanced Power Systems.....	---	---	---	368,377	+368,377	N/A
Fuel Supply Impact Mitigation.....	---	---	---	26,500	+26,500	N/A
NETL Research and Operations.....	---	---	---	76,070	+76,070	N/A
NETL Infrastructure.....	---	---	---	68,055	+68,055	N/A
Program Direction.....	---	---	---	60,998	+60,998	N/A
Subtotal, Fossil Energy Research and Development.....	---	---	---	600,000	+600,000	N/A
Use of prior year balances.....	---	---	---	-240,000	-240,000	N/A
Total, Fossil Energy Research and Development (NEW).....	---	---	---	360,000	+360,000	N/A
Total, Fossil Energy Research And Development.....	560,587	548,885	632,000	360,000	-272,000	-43.0%
Petroleum Reserves:						
Naval Petroleum & Oil Shale Reserves 1/						
Production operations.....	13,271	13,961	17,500	12,630	-4,870	-27.8%
Management.....	6,679	6,679	---	2,320	+2,320	N/A
Total, Naval Petroleum & Oil Shale Reserves.....	19,950	20,640	17,500	14,950	-2,550	-14.6%
1/ 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.						
Elk Hills School Lands Fund						
California teachers' pension fund payment.....	15,580	15,580	---	---	---	---
Strategic Petroleum Reserve						
Facilities development and operations.....	174,999	174,999	212,000	228,069	+16,069	+7.6%
Management for SPR operations.....	25,001	25,001	---	28,931	+28,931	N/A
Total, Strategic Petroleum Reserve.....	200,000	200,000	212,000	257,000	+45,000	+21.2%

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Northeast Home Heating Oil Reserve						
Northeast home heating oil reserve.....	7,600	7,600	7,600	10,500	+2,900	+38.2%
Use of prior year balances.....	----	----	----	-4,000	-4,000	N/A
Rescissions.....	-6,000	-6,000	----	----	----	----
Total, Northeast Home Heating Oil Reserve.....	1,600	1,600	7,600	6,500	-1,100	-14.5%
Total, Petroleum Reserves.....	237,130	237,820	237,100	278,450	+41,350	+17.4%
Uranium Enrichment Decontamination And Decommissioning Fund						
Oak Ridge.....	167,898	170,067	194,673	----	-194,673	-100.0%
Paducah.....	207,215	207,215	199,925	----	-199,925	-100.0%
Portsmouth.....	214,024	214,024	225,166	----	-225,166	-100.0%
Pension and community and regulatory support						
Oak Ridge.....	21,693	19,524	16,856	----	-16,856	-100.0%
Paducah.....	2,375	2,375	2,375	----	-2,375	-100.0%
Portsmouth.....	1,795	1,795	1,795	----	-1,795	-100.0%
Total, Pension and community& regulatory support.....	25,863	23,694	21,026	----	-21,026	-100.0%
Title X uranium/thorium reimbursement program.....	10,000	10,000	32,959	----	-32,959	-100.0%
Total, Uranium Enrichment D&D Fund.....	625,000	625,000	673,749	----	-673,749	-100.0%
Energy Information Administration						
National energy information system.....	117,000	117,000	122,000	131,125	+9,125	+7.5%
Total, Energy Information Administration.....	117,000	117,000	122,000	131,125	+9,125	+7.5%
Non-Defense Environmental Cleanup						
Fast flux test reactor facility (WA).....	2,562	2,562	2,562	2,240	-322	-12.6%
Gaseous diffusion plants.....	104,403	102,403	104,403	101,304	-3,099	-3.0%
Small sites:						
Small sites.....	70,049	72,079	87,522	53,243	-34,279	-39.2%
Construction:						
15-D-410 Ft. St. Vrain security upgrades.....	10,000	10,000	----	----	----	----
Subtotal, Small sites.....	80,049	82,079	87,522	53,243	-34,279	-39.2%
Mercury storage facility.....	----	----	1,300	----	-1,300	-100.0%
West Valley demonstration project.....	58,986	58,986	59,213	61,613	+2,400	+4.1%
Total, Non-Defense Environmental Cleanup.....	246,000	246,030	255,000	218,400	-36,600	-14.4%
Science						
Office of Science						
Advanced scientific computing research.....	541,000	523,411	621,000	663,180	+42,180	+6.8%
Basic Energy Sciences.....	1,733,200	1,682,924	1,849,000	1,936,730	+87,730	+4.7%
Biological and environmental research.....	592,000	572,618	609,000	661,920	+52,920	+8.7%
Fusion energy sciences.....	467,500	457,366	438,000	398,178	-39,822	-9.1%
High energy physics.....	766,000	745,232	795,000	817,997	+22,997	+2.9%
Nuclear physics.....	595,500	580,744	617,100	635,658	+18,558	+3.0%
Workforce development for teachers and scientists.....	19,500	19,500	19,500	20,925	+1,425	+7.3%
Science laboratories infrastructure.....	79,600	79,600	113,600	130,000	+16,400	+14.4%
Safeguards and security.....	93,000	93,000	103,000	103,000	----	----
Science program direction.....	183,700	183,700	185,000	204,481	+19,481	+10.5%
Small business innovation research (SBIR).....	----	132,905	----	----	----	----
Subtotal, Science.....	5,071,000	5,071,000	5,350,200	5,572,069	+221,869	+4.1%
Adjustments:						
SBIR/STTR (Other DOE).....	----	65,075	----	----	----	----
Subtotal, Science.....	5,071,000	5,136,075	5,350,200	5,572,069	+221,869	+4.1%
Rescissions:						
Rescission of prior year balances (Gen. Prov.).....	-3,262	-3,262	-3,200	----	+3,200	+100.0%
Total, Science.....	5,067,738	5,132,813	5,347,000	5,572,069	+225,069	+4.2%

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					\$	%
Advanced Research Projects Agency - Energy						
(previously ENERGY TRANSFORMATION ACCELERATION FUND)						
Advanced research projects agency - Energy						
ARPA-E projects.....	252,000	252,000	261,750	318,000	+56,250	+21.5%
Program direction.....	28,000	28,000	29,250	32,000	+2,750	+9.4%
Subtotal, Advanced research projects agency - Energy.....	280,000	280,000	291,000	350,000	+59,000	+20.3%
Rescissions:						
Rescission of prior year balances (Gen. Prov.).....	-18	-18	---	---	---	---
Total, Advanced Research Projects Agency - Energy.....	279,982	279,982	291,000	350,000	+59,000	+20.3%
Office Of Indian Energy						
Program direction.....	---	---	---	4,800	+4,800	N/A
Tribal energy program.....	---	---	---	18,130	+18,130	N/A
Total, Office Of Indian Energy.....	---	---	---	22,930	+22,930	N/A
Departmental Administration						
Office of the Secretary.....	5,008	5,008	5,008	5,300	+292	+5.8%
Chief financial officer.....	47,000	47,000	47,024	53,084	+6,060	+12.9%
Management.....	62,946	62,946	65,000	59,114	-5,886	-9.1%
Chief human capital officer.....	24,500	24,500	24,500	25,424	+924	+3.8%
Chief information officer.....	74,164	74,164	73,218	93,074	+19,856	+27.1%
Congressional & intergovernmental affairs.....	6,300	5,846	6,300	6,200	-100	-1.6%
Office of Indian energy policy and programs.....	16,000	16,000	16,000	---	-16,000	-100.0%
Office of Small and disadvantaged business utilization.....	2,253	2,253	3,000	3,300	+300	+10.0%
Office of the Energy jobs development.....	---	---	---	3,700	+3,700	N/A
Economic impact and diversity.....	9,000	8,800	10,000	11,319	+1,319	+13.2%
General counsel.....	33,000	32,554	33,000	33,000	---	---
Energy policy and systems analysis.....	31,181	31,181	31,297	31,000	-297	-0.9%
International affairs.....	13,000	24,943	18,000	19,107	+1,107	+6.2%
Public affairs.....	3,431	3,231	3,431	3,431	---	---
Project Management Oversight and Assessments.....	---	---	---	18,000	+18,000	N/A
Cost estimating and program evaluation.....	---	---	---	5,000	+5,000	N/A
Strategic partnership projects (SPP).....	42,000	42,000	40,000	40,000	---	---
Subtotal, Departmental Administration (gross).....	369,783	380,426	375,778	410,053	+34,275	+9.1%
Adjustments:						
Use of prior year balances (GC).....	-2,000	-2,000	-2,000	---	+2,000	+100.0%
Use of prior year balances (CIO).....	-2,205	-2,205	---	---	---	---
Use of prior year balances (CI).....	-1,600	-1,600	---	---	---	---
Use of prior year balances & other adj. (SPP).....	---	---	-6,800	-20,300	-13,500	-198.5%
Funding from other defense activities (CFO/CIO)						
Funding from other defense activities (CFO).....	-46,877	-46,877	-42,618	-23,642	+18,976	+44.5%
Funding from other defense activities (CIO).....	-71,959	-71,959	-73,218	-93,074	-19,856	-27.1%
Funding from other defense activities (MA).....	---	---	-3,000	---	+3,000	+100.0%
Funding from other defense activities (PMAO).....	---	---	---	-3,000	-3,000	N/A
Total, Funding from ODA (CFO/CIO).....	-118,836	-118,836	-118,836	-119,716	-880	-0.7%
Total, Adjustments.....	-124,641	-124,641	-127,636	-140,016	-12,380	-9.7%
Subtotal, Departmental Administration.....	245,142	255,785	248,142	270,037	+21,895	+8.8%
Rescissions:						
Rescission of prior year balances (SPP).....	-928	-928	---	---	---	---
Total, Departmental Administration (gross).....	244,214	254,857	248,142	270,037	+21,895	+8.8%
Miscellaneous revenues						
Revenues associated with SPP.....	-42,000	-42,000	-40,000	-40,000	---	---
Other revenues.....	-77,171	-77,171	-77,171	-85,171	-8,000	-10.4%
Total, Miscellaneous revenues.....	-119,171	-119,171	-117,171	-125,171	-8,000	-6.8%
Total, Departmental Administration (Net).....	125,043	135,686	130,971	144,866	+13,895	+10.6%
Office Of Inspector General						
Office of inspector general.....	40,500	40,500	46,424	44,424	-2,000	-4.3%
Total, Office Of Inspector General.....	40,500	40,500	46,424	44,424	-2,000	-4.3%

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Title 17 - Innovative Technology Loan						
Guarantee Program						
Administrative expenses.....	42,000	42,000	42,000	37,000	-5,000	-11.9%
Offsetting collections.....	-25,000	-25,000	-25,000	-27,000	-2,000	-8.0%
Total, Title 17 - Innovative Technology						
Loan Guarantee Program.....	17,000	17,000	17,000	10,000	-7,000	-41.2%
Advanced Technology Vehicles Manufacturing						
Loan Program						
Administrative expenses.....	4,000	4,000	6,000	5,000	-1,000	-16.7%
Total, Advanced Technology Vehicles						
Manufacturing Loan Program.....	4,000	4,000	6,000	5,000	-1,000	-16.7%
Office Of Technology Transitions						
Office of Technology Transitions.....	---	---	---	8,400	+8,400	N/A
Weapons Activities						
Directed stockpile work.....	2,692,588	2,709,731	3,387,792	3,330,527	-57,265	-1.7%
Research, development, test and evaluation (RDT&E)						
Science.....	412,091	412,091	423,059	441,984	+18,925	+4.5%
Engineering.....	136,005	136,005	131,377	139,487	+8,110	+6.2%
Inertial confinement fusion and high yield.....	512,895	512,895	511,050	522,959	+11,909	+2.3%
Advanced simulation and computing.....	598,000	598,000	623,006	663,184	+40,178	+6.4%
Advanced manufacturing development.....	107,200	107,200	130,056	87,105	-42,951	-33.0%
Total, RDT&E.....	1,766,191	1,766,191	1,818,548	1,854,719	+36,171	+2.0%
Infrastructure and operations (formerly RTBF).....	---	---	2,279,124	2,721,952	+442,828	+19.4%
Readiness in technical base and facilities.....	2,033,400	2,033,562	---	---	---	---
Secure transportation asset.....	219,000	219,924	237,118	282,732	+45,614	+19.2%
Nuclear counterterrorism incident response.....	177,940	178,190	---	---	---	---
Counterterrorism and Counterproliferation Programs.....	46,093	46,093	---	---	---	---
Site stewardship.....	76,531	76,531	---	---	---	---
Defense nuclear security.....	636,123	636,123	682,891	670,133	-12,758	-1.9%
Information technology and cybersecurity.....	179,646	179,646	157,588	176,592	+19,004	+12.1%
Safeguards and security						
Legacy contractor pensions.....	307,058	307,058	283,887	248,492	-35,395	-12.5%
Domestic uranium enrichment research, development, and demonstration.....	97,200	97,200	---	---	---	---
Subtotal, Weapons activities.....	8,231,770	8,250,249	8,846,948	9,285,147	+438,199	+5.0%
Adjustments						
Use of prior year balances.....	---	-18,229	---	---	---	---
Subtotal, Weapons activities.....	8,231,770	8,232,020	8,846,948	9,285,147	+438,199	+5.0%
Rescissions:						
Rescission of prior year balances.....	-45,113	-45,113	---	-42,000	-42,000	N/A
Rescission of prior year balances (Gen. Prov.).....	-6,298	-6,298	---	---	---	---
Subtotal, Rescissions.....	-51,411	-51,411	---	-42,000	-42,000	N/A
Total, Weapons Activities.....	8,180,359	8,180,609	8,846,948	9,243,147	+396,199	+4.5%
Defense Nuclear Nonproliferation						
Defense Nuclear Nonproliferation Programs						
Global material security.....	---	---	426,751	337,108	-89,643	-21.0%
Material management and minimization.....	---	---	316,584	341,094	+24,510	+7.7%
Nonproliferation and arms control.....	---	---	130,203	124,703	-5,500	-4.2%
Defense Nuclear Nonproliferation R&D.....	393,401	386,308	419,333	393,922	-25,411	-6.1%
Nonproliferation construction.....	---	---	340,000	270,000	-70,000	-20.6%
Global threat reduction initiative.....	325,752	330,552	---	---	---	---
Nonproliferation and international security.....	141,359	141,359	---	---	---	---
International material protection and cooperation.....	270,911	270,607	---	---	---	---

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					\$	%
Fissile materials disposition.....	430,000	440,000	----	----	----	----
Total, Defense Nuclear Nonproliferation Programs.....	1,561,423	1,568,826	1,632,871	1,466,827	-166,044	-10.2%
Legacy contractor pensions.....	102,909	102,909	94,617	83,208	-11,409	-12.1%
Nuclear counterterrorism and incident response program.....	----	----	234,390	271,881	+37,491	+16.0%
Subtotal, Defense Nuclear Nonproliferation.....	1,664,332	1,671,735	1,961,878	1,821,916	-139,962	-7.1%
Adjustments						
Use of prior year balances (NN).....	-22,963	-32,963	-21,576	----	+21,576	+100.0%
Rescissions:						
Rescission of prior year balances.....	-24,731	-24,731	----	-14,000	-14,000	N/A
Rescission of prior year balances (Gen. Prov.).....	-1,390	-1,390	----	----	----	----
Total, Rescissions.....	-26,121	-26,121	----	-14,000	-14,000	N/A
Total, Defense Nuclear Nonproliferation.....	1,615,248	1,612,651	1,940,302	1,807,916	-132,386	-6.8%
Naval Reactors						
Naval reactors operations and infrastructure.....	390,000	390,000	445,196	449,682	+4,486	+1.0%
Naval reactors development.....	411,180	411,180	446,896	437,338	-9,558	-2.1%
Ohio replacement reactor systems development.....	156,100	156,100	186,800	213,700	+26,900	+14.4%
S8G Prototype refueling.....	126,400	126,400	133,000	124,000	-9,000	-6.8%
Program direction.....	41,500	41,500	42,504	47,100	+4,596	+10.8%
Construction.....	113,320	113,320	121,100	148,300	+27,200	+22.5%
Subtotal, Naval Reactors.....	1,238,500	1,238,500	1,375,496	1,420,120	+44,624	+3.2%
Rescissions:						
Rescission of prior year balances.....	-4,500	-4,500	----	----	----	----
Rescission of prior year balances (Gen. Prov.).....	-160	-160	----	----	----	----
Total, Rescissions.....	-4,660	-4,660	----	----	----	----
Total, Naval Reactors.....	1,233,840	1,233,840	1,375,496	1,420,120	+44,624	+3.2%
Office Of The Administrator						
Rescission of prior year balances (Gen. Prov.).....	-413	-413	----	----	----	----
Total, Office Of The Administrator.....	-413	-413	----	----	----	----
Federal Salaries And Expenses						
Program direction.....	370,000	370,000	383,666	412,817	+29,151	+7.6%
Rescission.....	----	----	-19,900	----	+19,900	+100.0%
Total, Federal Salaries And Expenses.....	370,000	370,000	363,766	412,817	+49,051	+13.5%
Defense Environmental Cleanup						
Closure sites.....	4,889	4,889	4,889	9,389	+4,500	+92.0%
Hanford site:						
River corridor and other cleanup ops.....	377,788	377,788	270,710	69,755	-200,955	-74.2%
Central plateau remediation.....	497,456	497,456	555,163	620,869	+65,706	+11.8%
Richland community and regulatory support.....	19,701	19,701	19,701	14,701	-5,000	-25.4%
Construction.....	46,055	46,055	77,016	11,486	-65,530	-85.1%
Total, Hanford site.....	941,000	941,000	922,590	716,811	-205,779	-22.3%
Idaho National Laboratory.....	380,203	380,203	396,000	362,088	-33,912	-8.6%
Los Alamos National Laboratory.....	----	----	----	189,000	+189,000	N/A
NNSA sites and Nevada off-sites.....	258,618	258,618	251,251	71,387	-179,864	-71.6%
Oak Ridge Reservation.....	223,050	223,050	239,050	198,219	-40,831	-17.1%
Office of River Protection.....	1,212,000	1,212,000	1,414,000	1,487,456	+73,456	+5.2%
Savannah River Sites:						
Savannah River risk management operations.....	397,976	397,976	413,652	----	-413,652	-100.0%
Nuclear Material Management						
Nuclear Material Management.....	----	----	----	311,062	+311,062	N/A
Environmental Cleanup						
Environmental Cleanup.....	----	----	----	152,504	+152,504	N/A
SR community and regulatory support.....	11,013	11,013	11,249	11,249	----	----
Radioactive liquid tank waste.....	712,318	712,318	783,520	822,638	+39,118	+5.0%
Total, Savannah River Site.....	1,121,307	1,121,307	1,208,421	1,297,453	+89,032	+7.4%

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Waste Isolation Pilot Plant.....	320,000	320,000	299,978	262,253	-37,725	-12.6%
Program direction.....	280,784	280,784	281,951	290,050	+8,099	+2.9%
Program support.....	14,979	14,979	14,979	14,979	----	----
Safeguards and Security.....	240,000	240,000	236,633	255,973	+19,340	+8.2%
Technology development.....	14,000	13,538	20,000	30,000	+10,000	+50.0%
Infrastructure recapitalization.....	----	----	----	41,892	+41,892	N/A
Defense Uranium enrichment D&D.....	----	----	----	155,100	+155,100	N/A
Subtotal, Defense environmental cleanup.....	5,010,830	5,010,368	5,289,742	5,382,050	+92,308	+1.7%
Rescissions:						
Rescission of prior year balances.....	-10,830	-10,830	----	----	----	----
Rescission of prior year balances (Gen. Prov.).....	-9,983	-9,983	----	----	----	----
Subtotal, Rescissions.....	-20,813	-20,813	----	----	----	----
Total, Defense Environmental Cleanup.....	4,990,017	4,989,555	5,289,742	5,382,050	+92,308	+1.7%
Other Defense Activities						
Environment, health, safety and security						
Environment, health, safety and security.....	118,763	120,763	118,763	130,693	+11,930	+10.0%
Program direction.....	62,235	62,235	62,235	66,519	+4,284	+6.9%
Total, Environment, Health, safety and security.....	180,998	182,998	180,998	197,212	+16,214	+9.0%
Independent enterprise assessments						
Independent enterprise assessments.....	24,068	22,068	24,068	24,580	+512	+2.1%
Program direction.....	49,466	49,466	49,466	51,893	+2,427	+4.9%
Total, Independent enterprise assessments.....	73,534	71,534	73,534	76,473	+2,939	+4.0%
Specialized security activities.....	203,152	203,152	230,377	237,912	+7,535	+3.3%
Office of Legacy Management						
Legacy management.....	158,639	158,639	154,080	140,306	-13,774	-8.9%
Program direction.....	13,341	13,341	13,100	14,014	+914	+7.0%
Total, Office of Legacy Management.....	171,980	171,980	167,180	154,320	-12,860	-7.7%
Defense related administrative support						
Chief financial officer.....	46,877	46,877	42,618	23,642	-18,976	-44.5%
Chief information officer.....	71,959	71,959	73,218	93,074	+19,856	+27.1%
Management.....	----	----	3,000	----	-3,000	-100.0%
Project management oversight and Assessments.....	----	----	----	3,000	+3,000	N/A
Total, Defense related administrative support.....	118,836	118,836	118,836	119,716	+880	+0.7%
Office of hearings and appeals.....	5,500	5,500	5,500	5,919	+419	+7.6%
Subtotal, Other defense activities.....	754,000	754,000	776,425	791,552	+15,127	+1.9%
Rescissions:						
Rescission of prior year balances (LM).....	-169	-169	----	----	----	----
Rescission of prior year balances (EHS&S).....	-87	-87	----	----	----	----
Rescission of prior year balances (OHA).....	-258	-258	----	----	----	----
Rescission of prior year balances (SSA).....	-37	-37	----	----	----	----
Subtotal, Rescissions.....	-551	-551	----	----	----	----
Total, Other Defense Activities.....	753,449	753,449	776,425	791,552	+15,127	+1.9%
Power Marketing Administrations						
Southeastern Power Administration						
Southeastern power administration.....	96,930	96,930	90,500	84,929	-5,571	-6.2%
Less alternative financing (for PPW)/						
Offsetting collection.....	-96,930	-96,930	-90,500	-84,929	+5,571	+6.2%
Total, Southeastern Power Administration.....	----	----	----	----	----	----

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Southwestern Power Administration						
Southwestern power administration.....	122,666	122,666	136,223	140,898	+4,675	+3.4%
Less alternative financing/ Offsetting collection.....	-111,266	-111,266	-124,823	-129,841	-5,018	-4.0%
Total, Southwestern Power Administration.....	11,400	11,400	11,400	11,057	-343	-3.0%
Western Area Power Administration						
Western Area Power Administration (CROM)						
Western area power administration (CROM).....	837,731	837,731	941,600	947,270	+5,670	+0.6%
Less alternative financing/ Offsetting collection (P.L. 108-477/109-103).....	-744,359	-744,359	-848,228	-851,689	-3,461	-0.4%
Rescission of prior year balances (Gen. Prov.).....	-1,632	-1,632	----	----	----	----
Total, Western Area Power Administration (CROM).....	91,740	91,740	93,372	95,581	+2,209	+2.4%
Falcon and Amistad Operating and Maintenance Fund						
Operation and maintenance.....	5,529	5,529	4,950	4,393	-557	-11.3%
Offsetting collections.....	-4,499	-4,499	-4,262	-3,838	+424	+9.9%
Less alternative financing.....	-802	-802	-460	-323	+137	+29.8%
Total, Falcon and Amistad Fund.....	228	228	228	232	+4	+1.8%
Colorado River Basins Power Marketing Fund						
Spending authority from offsetting collections.....	228,209	228,209	215,647	213,530	-2,117	-1.0%
Offsetting collections.....	-251,209	-251,209	-238,647	-236,530	+2,117	+0.9%
Total, Colorado River Basins.....	-23,000	-23,000	-23,000	-23,000	----	----
Total, Western Area Power Administration.....	68,968	68,968	70,600	72,813	+2,213	+3.1%
Federal Energy Regulatory Commission						
Just and Reasonable Rates, Terms, and Conditions.....	142,574	142,574	148,921	159,650	+10,729	+7.2%
Safe, Reliable, Secure, & Efficient Infrastructure.....	106,004	106,004	112,507	123,576	+11,069	+9.8%
Mission Support through Organizational Excellence.....	55,811	55,811	58,372	63,574	+5,202	+8.9%
FERC revenues.....	-304,389	-304,389	-319,800	-346,800	-27,000	-8.4%
Total, Federal Energy Regulatory Commission.....	----	----	----	----	----	----
Uranium Enrichment D&D Fund Discretionary Payments						
Transfer payment from Defense ER&WM.....	-463,000	-463,000	----	-155,100	-155,100	N/A
Total, Uranium Enrichment D&D Fund.....	-463,000	-463,000	----	-155,100	-155,100	N/A
Defense EM Funded						
Uranium Enrichment D&D Fund						
Uranium Enrichment D&D Fund Contribution.....	463,000	463,000	----	----	----	----
Fees And Recoveries, Federal Energy Regulatory Commission						
Fees & Recoveries In Excess Of Annual Appropriations.....	-28,485	-17,325	-23,587	-9,426	+14,161	+60.0%
Title XVII Loan Guar. Prog Section 1703						
Negative Credit Subsidy Receipt.....	----	----	-68,000	-37,000	+31,000	+45.6%