

U.S. DEPARTMENT OF ENERGY
 FY 2018 Summary Control Table by Appropriation
 (dollars in thousands - OMB Scoring)

	FY 2016 Enacted Approp.	FY 2017 Enacted Approp.	FY 2017 Annualized CR	FY 2018 Congressional Request	FY 2018 vs. FY 2016	
					\$	%

Discretionary Summary by Appropriation

Energy and Water Development and Related Agencies

Appropriation Summary:

Energy Programs

Energy efficiency and renewable energy.....	2,069,194	2,036,582	2,069,059	636,149	-1,433,045	-69.3%
Electricity delivery and energy reliability.....	206,000	229,585	205,608	120,000	-86,000	-41.7%
Nuclear energy.....	986,161	1,015,821	984,286	703,000	-283,161	-28.7%

Fossil energy programs

Fossil energy research and development.....	632,000	661,154	630,799	280,000	-352,000	-55.7%
Naval petroleum and oil shale reserves.....	17,500	14,948	17,467	4,900	-12,600	-72.0%
Strategic petroleum reserve.....	212,000	217,658	211,597	180,000	-32,000	-15.1%
Strategic petroleum account.....	----	----	----	8,400	+8,400	N/A
Energy Security & Infrastructure Modernization Fund.....	----	----	----	----	---	N/A
Northeast home heating oil reserve.....	7,600	6,500	7,586	6,500	-1,100	-14.5%

Total, Fossil energy programs.....	869,100	900,260	867,449	479,800	-389,300	-44.8%
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Uranium enrichment D&D fund.....	673,749	767,929	767,014	752,749	+79,000	+11.7%
Energy information administration.....	122,000	122,000	121,768	118,000	-4,000	-3.3%
Non-Defense environmental cleanup.....	255,000	246,762	254,515	218,400	-36,600	-14.4%
Science.....	5,347,000	5,390,972	5,336,835	4,472,516	-874,484	-16.4%
Advanced research projects agency - Energy.....	291,000	305,245	290,446	20,000	-271,000	-93.1%
Nuclear waste disposal.....	----	----	----	90,000	+90,000	N/A
Departmental administration.....	130,971	142,864	130,722	145,652	+14,681	+11.2%
Inspector general.....	46,424	44,424	46,336	49,000	+2,576	+5.5%

Title 17 - Innovative technology

loan guarantee program.....	17,000	-2,861	14,920	----	-17,000	-100.0%
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Advanced technology vehicles manufacturing

loan program.....	6,000	3,883	5,989	----	-6,000	-100.0%
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Tribal energy loan guarantee program.....	----	9,000	----	----	---	N/A
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Total, Energy Programs.....	11,019,599	11,212,466	11,094,947	7,805,266	-3,214,333	-29.2%
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Atomic Energy Defense Activities

National nuclear security administration:

Weapons activities.....	8,846,948	9,240,739	8,830,130	10,239,344	+1,392,396	+15.7%
Defense nuclear nonproliferation.....	1,940,302	1,880,038	1,936,614	1,793,310	-146,992	-7.6%
Naval reactors.....	1,375,496	1,419,792	1,372,881	1,479,751	+104,255	+7.6%
Federal Salaries and Expenses.....	363,766	387,066	363,937	418,595	+54,829	+15.1%

Total, National nuclear security administration.....	12,526,512	12,927,635	12,503,562	13,931,000	+1,404,488	+11.2%
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Environmental and other defense activities:						
Defense environmental cleanup.....	5,289,742	5,404,217	5,279,686	5,537,186	+247,444	+4.7%
Other defense activities.....	776,425	781,660	774,949	815,512	+39,087	+5.0%
Defense nuclear waste disposal.....	----	----	----	30,000	+30,000	N/A
Total, Environmental & other defense activities.....	6,066,167	6,185,877	6,054,635	6,382,698	+316,531	+5.2%
Total, Atomic Energy Defense Activities.....	18,592,679	19,113,512	18,558,197	20,313,698	+1,721,019	+9.3%
Power marketing administrations:						
Southeastern power administration.....	----	----	----	----	---	N/A
Southwestern power administration.....	11,400	11,057	11,378	11,400	---	N/A
Western area power administration (CROM).....	93,372	94,742	93,194	93,372	---	N/A
Falcon & Amistad operating & maintenance fund.....	228	232	228	228	---	N/A
Colorado River Basins.....	-23,000	-23,000	-23,000	-23,000	---	N/A
Total, Power marketing administrations.....	82,000	83,031	81,800	82,000	----	N/A
Federal energy regulatory commission.....	----	----	----	----	---	N/A
Subtotal, Energy And Water Development and Related Agencies.....	29,694,278	30,409,009	29,734,944	28,200,964	-1,493,314	-5.0%
Uranium enrichment D&D fund discretionary payments.....	----	563,000	----	----	---	N/A
Defense EM funded						
Uranium enrichment D&D fund contribution.....	----	-563,000	----	----	---	N/A
Excess fees and recoveries, FERC.....	-23,587	-9,426	-15,882	-9,000	+14,587	+61.8%
Title XVII Loan guar. prog section 1703						
negative credit subsidy receipt.....	-68,000	-37,000	-67,871	-35,000	+33,000	+48.5%
Sale of Northeast Gas Reserve.....	----	----	----	-69,000	-69,000	N/A
Use of Unobligated ARPA-E Balances.....	----	----	----	-46,367	-46,367	N/A
FE Rescission of prior year balances (Gen. Prov.).....	----	-240,000	----	----	---	N/A
Tribal energy loan guarantee program rescission.....	----	-9,000	----	----	---	N/A
Total, Discretionary Funding.....	29,602,691	30,113,583	29,651,191	28,041,597	-1,561,094	-5.3%
Memo: Total Discretionary by budget function						
(Defense (050) function, non-add).....	(18,718,840)	(19,805,815)	(18,684,118)	(20,446,698)		
(Non-Defense (250/270) function, non-add).....	(10,883,851)	(10,307,768)	(10,967,073)	(7,594,899)		
(Science (250) function, non-add).....	(5,347,000)	(5,390,972)	(5,336,835)	(4,472,516)		
(Energy (270) function, non-add).....	(5,536,851)	(4,916,796)	(5,630,238)	(3,122,383)		

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Energy Efficiency and Renewable Energy						
Energy Efficiency and Renewable Energy RDD&D						
Sustainable transportation:						
Vehicle technologies.....	310,000	306,959	309,411	82,000	-228,000	-73.5%
Bioenergy technologies.....	225,000	205,000	224,571	56,600	-168,400	-74.8%
Hydrogen and fuel cell technologies.....	100,950	101,000	100,758	45,000	-55,950	-55.4%
Total, Sustainable transportation.....	635,950	612,959	634,740	183,600	-452,350	-71.1%
Renewable energy:						
Solar energy.....	241,600	207,600	241,141	69,700	-171,900	-71.2%
Wind energy.....	95,450	90,000	95,269	31,700	-63,750	-66.8%
Water power.....	70,000	84,000	69,867	20,400	-49,600	-70.9%
Geothermal technologies.....	71,000	69,500	70,865	12,500	-58,500	-82.4%
Total, Renewable energy.....	478,050	451,100	477,142	134,300	-343,750	-71.9%
Energy efficiency:						
Advanced Manufacturing.....	228,500	257,500	228,066	82,000	-146,500	-64.1%
Federal energy management program.....	27,000	27,000	26,949	10,000	-17,000	-63.0%
Building Technologies.....	200,500	199,141	200,119	67,500	-133,000	-66.3%
Weatherization and intergovernmental programs						
Weatherization assistance program						
Weatherization assistance program.....	211,600	225,000	211,198	----	-211,600	-100.0%
Training and technical assistance.....	3,000	3,000	2,994	----	-3,000	-100.0%
NREL Site-Wide Facility Support.....	400	----	399	----	-400	-100.0%
State energy program grants.....	50,000	50,000	49,905	----	-50,000	-100.0%
Total, Weatherization & intergovernmental Programs.....	265,000	278,000	264,496	----	-265,000	-100.0%
Corporate support:						
Program direction.....	155,000	153,500	154,705	125,849	-29,151	-18.8%
Strategic programs.....	21,000	19,000	20,960	----	-21,000	-100.0%
Facilities and infrastructure.....	62,000	92,000	61,882	92,000	+30,000	+48.4%
Total, Corporate support.....	238,000	264,500	237,547	217,849	-20,151	-8.5%
Subtotal, Energy Efficiency and Renewable Energy.....	2,073,000	2,090,200	2,069,059	695,249	-1,377,751	-66.5%

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Adjustments:						
Use of prior year balances (EE).....	----	----	----	-59,100	-59,100	N/A
Subtotal, Energy Efficiency and Renewable Energy.....	2,073,000	2,090,200	2,069,059	636,149	-1,436,851	-69.3%
Rescissions						
Rescission of prior year balances (Gen. Prov. EERE).....	-3,806	-53,618	----	----	+3,806	+100.0%
Total, Energy Efficiency and Renewable Energy.....	2,069,194	2,036,582	2,069,059	636,149	-1,433,045	-69.3%
Electricity Delivery and Energy Reliability						
Electricity Delivery & Energy Reliability						
Clean energy transmission and reliability.....	39,000	36,000	38,926	----	-39,000	-100.0%
Transmission reliability.....	----	----	----	13,000	+13,000	N/A
Smart grid research and development.....	35,000	50,000	34,933	----	-35,000	-100.0%
Resilient distribution systems.....	----	----	----	10,000	+10,000	N/A
Cybersecurity for energy delivery systems.....	62,000	62,000	61,882	42,000	-20,000	-32.3%
Energy storage.....	20,500	31,000	20,461	8,000	-12,500	-61.0%
Transformer resilience and advanced components.....	5,000	6,000	4,990	5,000	---	N/A
National electricity delivery.....	7,500	7,500	7,486	----	-7,500	-100.0%
Transmission permitting and technical assistance.....	----	----	----	6,000	+6,000	N/A
Infrastructure security and energy restoration						
Infrastructure security & energy						
restoration.....	9,000	9,000	8,983	9,000	---	N/A
Program direction.....	28,000	28,500	27,947	27,000	-1,000	-3.6%
Rescission						
Rescission of prior year balances (Gen. Prov.).....	----	-415	----	----	---	N/A
Total, Electricity Delivery & Energy Reliability.....	206,000	229,585	205,608	120,000	-86,000	-41.7%

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Nuclear Energy						
Research and Development						
Integrated University Program.....	5,000	5,000	4,990	----	-5,000	-100.0%
Step R&D.....	5,000	5,000	4,990	----	-5,000	-100.0%
SMR licensing technical support.....	62,500	95,000	62,381	----	-62,500	-100.0%
Nuclear Energy Enabling Technologies.....	111,600	115,100	111,388	105,360	-6,240	-5.6%
Reactor Concepts RD&D.....	141,718	132,000	141,449	94,000	-47,718	-33.7%
Fuel cycle research and development.....	203,800	207,500	203,413	88,500	-115,300	-56.6%
International nuclear energy cooperation.....	3,000	3,000	2,994	2,500	-500	-16.7%
Total, Research and Development.....	532,618	562,600	531,605	290,360	-242,258	-45.5%
Radiological facilities management						
Space and defense infrastructure.....	18,000	10,000	17,966	----	-18,000	-100.0%
Research reactor infrastructure.....	6,800	7,000	6,787	9,000	+2,200	+32.4%
Total, Radiological facilities management.....	24,800	17,000	24,753	9,000	-15,800	-63.7%
Idaho facilities management.....						
Idaho sitewide safeguards and security.....	222,582	237,713	222,159	204,140	-18,442	-8.3%
Idaho sitewide safeguards and security.....	126,161	129,303	125,921	133,000	+6,839	+5.4%
Program Direction.....	80,000	80,000	79,848	66,500	-13,500	-16.9%
Subtotal, Nuclear Energy.....	986,161	1,026,616	984,286	703,000	-283,161	-28.7%
Adjustments:						
Use of prior year balances (NE).....	----	-10,000	----	----	---	N/A
Subtotal, Nuclear Energy.....	986,161	1,016,616	984,286	703,000	-283,161	-28.7%
Rescission of prior year balances.....	----	-795	----	----	---	N/A
Total, Nuclear Energy.....	986,161	1,015,821	984,286	703,000	-283,161	-28.7%

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Fossil Energy Research and Development						
Fossil Energy Research and Development						
Coal						
CCS and power systems						
Carbon Capture.....	101,000	101,000	100,809	16,000	-85,000	-84.2%
Carbon Storage.....	106,000	95,300	105,800	15,000	-91,000	-85.8%
Advanced Energy Systems.....	105,000	105,000	104,800	46,000	-59,000	-56.2%
Cross-cutting research.....	50,000	45,500	49,905	37,800	-12,200	-24.4%
NETL coal research and development.....	53,000	53,000	52,899	----	-53,000	-100.0%
Supercritical Transformational Electric Power.....	15,000	24,000	14,971	----	-15,000	-100.0%
Total, Coal.....	430,000	423,800	429,184	114,800	-315,200	-73.3%
Natural gas technologies.....	43,000	43,000	42,918	5,500	-37,500	-87.2%
Unconventional fossil energy technologies from Petroleum - Oil technologies.....	20,321	21,000	20,282	15,000	-5,321	-26.2%
Program direction.....	114,202	60,000	113,984	58,478	-55,724	-48.8%
Plant and capital equipment.....	15,782	----	15,752	----	-15,782	-100.0%
Fossil energy environmental restoration.....	7,995	----	7,980	----	-7,995	-100.0%
Special recruitment programs.....	700	700	699	200	-500	-71.4%
NETL Research and Operations.....	----	43,000	----	----	---	N/A
NETL Infrastructure.....	----	40,500	----	63,100	+63,100	N/A
NETL Research and Development.....	----	----	----	78,100	+78,100	N/A
Subtotal, Fossil Energy Research and Development.....	632,000	632,000	630,799	335,178	-296,822	-47.0%
Use of prior year balances.....	----	-14,000	----	-55,178	-55,178	N/A
Fossil Proviso.....	----	50,000	----	----	---	N/A
Rescission:						
Rescission of prior year balances.....	----	-6,846	----	----	---	N/A
Total, Fossil Energy Research and Development.....	632,000	661,154	630,799	280,000	-352,000	-55.7%
Petroleum Reserves:						
Naval Petroleum and Oil Shale Reserves						
Production operations.....	13,330	12,630	13,305	18,200	+4,870	+36.5%
Management.....	4,170	2,320	4,162	2,000	-2,170	-52.0%
Use of prior year balances.....	----	----	----	-15,300	-15,300	N/A
Rescission of prior year balances.....	----	-2	----	----	---	N/A
Total, Naval Petroleum & Oil Shale Reserves.....	17,500	14,948	17,467	4,900	-12,600	-72.0%

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Strategic Petroleum Reserve						
Facilities development and operations.....	186,870	195,646	186,515	155,042	-31,828	-17.0%
Management for SPR operations.....	25,130	27,354	25,082	24,958	-172	-0.7%
Energy security and infrastructure modernization fund.....	----	340,000	----	----	---	N/A
Collections from the sale of crude oil from SPR.....	----	-340,000	----	----	---	N/A
Rescission						
Rescission of prior year balances.....	----	-5,342	----	----	---	N/A
Total, Strategic Petroleum Reserve.....	212,000	217,658	211,597	180,000	-32,000	-15.1%
Strategic Petroleum Reserve - Petroleum Account						
SPR - Petroleum Account.....	----	----	----	11,400	+11,400	N/A
Use of prior year balances.....	----	----	----	-3,000	-3,000	N/A
Total, Strategic Petroleum Reserve - Petroleum Acct.....	----	----	----	8,400	+8,400	N/A
Energy Security & Infrastructure Modernization Fund						
Oil sale revenue targets.....	----	----	375,400	350,000	+350,000	N/A
Crude oil sales revenue offsetting collections.....	----	----	-375,400	-350,000	-350,000	N/A
Total, Energy Security and Infrastructure Modernization Fund.....	----	----	----	----	----	N/A
Northeast Home Heating Oil Reserve						
Northeast home heating oil reserve.....	7,600	10,500	7,586	10,000	+2,400	+31.6%
Use of prior year balances.....	----	-4,000	----	-3,500	-3,500	N/A
Total, Northeast Home Heating Oil Reserve.....	7,600	6,500	7,586	6,500	-1,100	-14.5%
Total, Petroleum Reserves.....	237,100	239,106	236,650	199,800	-37,300	-15.7%
Uranium Enrichment Decontamination and Decommissioning Fund						
Oak Ridge.....	194,673	194,673	194,673	145,726	-48,947	-25.1%
Paducah.....	199,925	205,530	199,925	202,958	+3,033	+1.5%
Portsmouth.....	225,166	315,168	318,431	351,271	+126,105	+56.0%

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Pension and community and regulatory support						
Oak Ridge.....	16,856	18,772	16,856	19,274	+2,418	+14.3%
Paducah.....	2,375	2,386	2,375	1,725	-650	-27.4%
Portsmouth.....	1,795	1,795	1,795	1,795	---	N/A
Total, Pension and community& regulatory support.....	21,026	22,953	21,026	22,794	+1,768	+8.4%
Title X uranium/thorium reimbursement program.....						
Title X uranium/thorium reimbursement program.....	32,959	30,000	32,959	30,000	-2,959	-9.0%
Rescission of prior year balances.....	---	-71	---	---	---	N/A
Use of prior year balances.....	---	-324	---	---	---	N/A
Total, Uranium Enrichment D&D Fund.....	673,749	767,929	767,014	752,749	+79,000	+11.7%
Energy Information Administration						
National energy information system.....	122,000	122,000	121,768	118,000	-4,000	-3.3%
Total, Energy Information Administration.....	122,000	122,000	121,768	118,000	-4,000	-3.3%
Non-Defense Environmental Cleanup						
Fast flux test reactor facility (WA).....	2,562	2,240	2,557	2,240	-322	-12.6%
Gaseous diffusion plants.....	104,403	101,304	104,204	100,575	-3,828	-3.7%
Small sites:						
Small sites.....	87,522	77,043	87,355	55,000	-32,522	-37.2%
Mercury storage facility.....	1,300	---	1,298	---	-1,300	-100.0%
West Valley demonstration project						
West Valley demonstration project.....	59,213	66,413	59,101	60,585	+1,372	+2.3%
Subtotal, Non-defense environmental cleanup.....	255,000	247,000	254,515	218,400	-36,600	-14.4%
Rescission of prior year balances.....	---	-238	---	---	---	N/A
Total, Non-Defense Environmental Cleanup.....	255,000	246,762	254,515	218,400	-36,600	-14.4%

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Science						
Office of Science						
Advanced Scientific Computing Research.....	621,000	647,000	619,819	722,010	+101,010	+16.3%
Basic Energy Sciences.....	1,849,000	1,871,500	1,845,485	1,554,500	-294,500	-15.9%
Biological and Environmental Research.....	609,000	612,000	607,842	348,950	-260,050	-42.7%
Fusion Energy sciences.....	438,000	380,000	437,167	309,940	-128,060	-29.2%
High Energy Physics.....	795,000	825,000	793,489	672,700	-122,300	-15.4%
Nuclear physics.....	617,100	622,000	615,927	502,700	-114,400	-18.5%
Workforce Development for Teachers and Scientists.....	19,500	19,500	19,463	14,000	-5,500	-28.2%
Science Laboratories Infrastructure.....	113,600	130,000	113,384	76,200	-37,400	-32.9%
Safeguards and Security.....	103,000	103,000	102,805	103,000	---	N/A
Science Program Direction.....	185,000	182,000	184,648	168,516	-16,484	-8.9%
Subtotal, Science.....	5,350,200	5,392,000	5,340,029	4,472,516	-877,684	-16.4%
Rescission						
Rescission of prior year balances (Gen. Prov.).....	-3,200	-1,028	-3,194	---	+3,200	+100.0%
Total, Science.....	5,347,000	5,390,972	5,336,835	4,472,516	-874,484	-16.4%
Advanced Research Projects Agency - Energy						
Advanced research projects agency - Energy						
ARPA-E projects.....	261,750	276,750	261,252	---	-261,750	-100.0%
Program direction.....	29,250	29,250	29,194	65,000	+35,750	+122.2%
Use of prior year balances.....	---	---	---	-45,000	-45,000	N/A
Subtotal, ARPA - Energy.....	291,000	306,000	290,446	20,000	-271,000	-93.1%
Rescissions:						
Rescission of prior year balances.....	---	-755	---	---	---	N/A
Total, Advanced Research Projects Agency - Energy.....	291,000	305,245	290,446	20,000	-271,000	-93.1%
Nuclear Waste Disposal						
Yucca mountain and interim storage.....	---	---	---	90,000	+90,000	N/A
Total, Nuclear Waste Disposal.....	---	---	---	90,000	+90,000	N/A

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Departmental Administration						
Office of the Secretary.....	5,008	5,089	4,998	5,300	+292	+5.8%
Chief financial officer.....	47,024	49,242	46,935	48,484	+1,460	+3.1%
Management.....	65,000	52,924	64,876	53,758	-11,242	-17.3%
Chief human capital officer.....	24,500	24,500	24,453	25,500	+1,000	+4.1%
Chief information officer.....	73,218	74,492	73,079	91,443	+18,225	+24.9%
Congressional & intergovernmental affairs.....	6,300	6,200	6,288	6,200	-100	-1.6%
Office of Indian energy policy and programs.....	16,000	16,000	15,970	10,000	-6,000	-37.5%
Office of Small and Disadvantaged Business Utilization.....	3,000	3,000	2,994	3,000	---	N/A
Economic impact and diversity.....	10,000	10,169	9,981	10,000	---	N/A
General counsel.....	33,000	33,000	32,937	33,000	---	N/A
Energy policy and systems analysis.....	31,297	31,000	31,238	10,432	-20,865	-66.7%
International affairs.....	18,000	18,000	17,966	18,878	+878	+4.9%
Public Affairs.....	3,431	3,431	3,424	6,589	+3,158	+92.0%
Project Management Oversight and Assessments	----	12,373	----	15,192	+15,192	N/A
Strategic partnership projects (SPP).....	40,000	40,000	39,924	40,000	---	N/A
Office of Technology transitions.....	----	6,906	----	6,876	+6,876	N/A
Subtotal, Departmental Administration (gross).....	375,778	386,326	375,063	384,652	+8,874	+2.4%
Adjustments:						
Use of prior year balances (GC).....	-2,000	----	-1,996	----	+2,000	+100.0%
Use of prior year balances & other adj. (SPP).....	-6,800	-20,610	-6,787	----	+6,800	+100.0%
Funding from other defense activities (CFO/CIO)						
Funding from other defense activities (CFO).....	-42,618	-45,224	-42,537	-48,484	-5,866	-13.8%
Funding from other defense activities (CIO).....	-73,218	-74,492	-73,079	-91,443	-18,225	-24.9%
Funding from other defense activities (MA).....	-3,000	----	-2,994	----	+3,000	+100.0%
Funding from other defense activities (PMOA).....	----	----	----	-3,073	-3,073	N/A
Total, Funding from ODA (CFO/CIO).....	-118,836	-119,716	-118,610	-143,000	-24,164	-20.3%
Total, Adjustments.....	-127,636	-140,326	-127,393	-143,000	-15,364	-12.0%
Subtotal, Departmental Administration.....	248,142	246,000	247,670	241,652	-6,490	-2.6%
Rescission:						
Rescission of prior year balances (HC).....	----	-14	----	----	---	N/A
Rescission of prior year balances (IA).....	----	-93	----	----	---	N/A
Rescission of prior year balances (PA).....	----	-29	----	----	---	N/A
Subtotal, Rescission.....	----	-136	----	----	----	N/A
Total, Departmental Administration (gross).....	248,142	245,864	247,670	241,652	-6,490	-2.6%

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					\$	%
Miscellaneous revenues						
Revenues associated with SPP.....	-40,000	-40,000	-39,924	-40,000	---	N/A
Other revenues.....	-77,171	-63,000	-77,024	-56,000	+21,171	+27.4%
Total, Miscellaneous revenues.....	-117,171	-103,000	-116,948	-96,000	+21,171	+18.1%
Total, Departmental Administration (Net).....	130,971	142,864	130,722	145,652	+14,681	+11.2%
Office of Inspector General						
Office of inspector general.....	46,424	44,424	46,336	49,000	+2,576	+5.5%
Total, Office of Inspector General.....	46,424	44,424	46,336	49,000	+2,576	+5.5%
Title 17 - Innovative Technology Loan Guarantee Program						
Administrative expenses.....	42,000	37,000	41,920	2,000	-40,000	-95.2%
Offsetting collections.....	-25,000	-30,000	-27,000	-2,000	+23,000	+92.0%
Subtotal, Title 17 - Innovative Technology Loan Guarantee Program.....	17,000	7,000	14,920	----	-17,000	-100.0%
Rescission of prior year balances.....	----	-9,861	----	----	---	N/A
Total, Title 17 - Innovative Technology Loan Guarantee Program.....	17,000	-2,861	14,920	----	-17,000	-100.0%
Tribal Energy Loan Guarantee Program						
Administrative operations.....	----	9,000	----	----	---	N/A
Total, Tribal Energy Loan Guarantee Program.....	----	9,000	----	----	----	N/A
Advanced Technology Vehicles Manufacturing Loan Program						
Administrative expenses.....	6,000	5,000	5,989	----	-6,000	-100.0%
Rescission of prior year balances.....	----	-1,117	----	----	---	N/A
Total, Advanced Technology Vehicles Manufacturing Loan Program.....	6,000	3,883	5,989	----	-6,000	-100.0%

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					\$	%
Weapons Activities						
Directed stockpile work.....	3,387,792	3,308,027	3,313,543	3,977,026	+589,234	+17.4%
Research, development, test evaluation (RDT&E)						
Science.....	423,059	436,500	427,859	487,521	+64,462	+15.2%
Engineering.....	131,377	132,482	133,996	193,123	+61,746	+47.0%
Inertial confinement fusion and high yield.....	511,050	522,959	516,185	532,934	+21,884	+4.3%
Advanced simulation and computing.....	623,006	663,184	648,095	734,244	+111,238	+17.9%
Advanced manufacturing development.....	130,056	87,105	87,705	80,540	-49,516	-38.1%
Total, RDT&E.....	1,818,548	1,842,230	1,813,840	2,028,362	+209,814	+11.5%
Infrastructure and operations.....	2,279,124	2,808,363	2,408,217	2,803,137	+524,013	+23.0%
Secure transportation asset.....	237,118	248,889	256,438	325,064	+87,946	+37.1%
Defense nuclear security.....	682,891	685,500	661,512	686,977	+4,086	+0.6%
Information technology and cybersecurity.....	157,588	176,592	170,088	186,728	+29,140	+18.5%
Legacy contractor pensions.....	283,887	248,492	248,492	232,050	-51,837	-18.3%
Subtotal, Weapons activities.....	8,846,948	9,318,093	8,872,130	10,239,344	+1,392,396	+15.7%
Adjustments						
Use of prior year balances.....	----	----	-42,000	----	---	N/A
Subtotal, Weapons activities.....	8,846,948	9,318,093	8,830,130	10,239,344	+1,392,396	+15.7%
Rescission						
Rescission of prior year balances.....	----	-77,354	----	----	---	N/A
Total, Weapons Activities.....	8,846,948	9,240,739	8,830,130	10,239,344	+1,392,396	+15.7%
Defense Nuclear Nonproliferation						
Defense Nuclear Nonproliferation Programs						
Global material security.....	426,751	367,108	421,255	337,108	-89,643	-21.0%
Material management and minimization.....	316,584	288,350	312,507	332,094	+15,510	+4.9%
Nonproliferation and arms control.....	130,203	124,703	128,526	129,703	-500	-0.4%
Defense Nuclear Nonproliferation R&D.....	419,333	469,750	413,933	446,095	+26,762	+6.4%
Nonproliferation construction.....	340,000	335,000	335,622	279,000	-61,000	-17.9%
Total, Defense Nuclear Nonproliferation Programs.....	1,632,871	1,584,911	1,611,843	1,524,000	-108,871	-6.7%

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					\$	%
Legacy contractor pensions.....	94,617	83,208	93,399	40,950	-53,667	-56.7%
Nuclear counterterrorism and incident response program.....	234,390	271,881	231,372	277,360	+42,970	+18.3%
Subtotal, Defense Nuclear Nonproliferation.....	1,961,878	1,940,000	1,936,614	1,842,310	-119,568	-6.1%
Adjustments						
Use of prior year balances (NN).....	-21,576	-38,000	----	----	+21,576	+100.0%
Subtotal, Defense Nuclear Nonproliferation.....	1,940,302	1,902,000	1,936,614	1,842,310	-97,992	-5.1%
Rescission						
Rescission of prior year balances.....	----	-21,962	----	-49,000	-49,000	N/A
Total, Defense Nuclear Nonproliferation.....	1,940,302	1,880,038	1,936,614	1,793,310	-146,992	-7.6%
Naval Reactors						
Naval reactors development.....	446,896	440,338	446,046	473,267	+26,371	+5.9%
Ohio replacement reactor systems development.....	186,800	213,700	186,445	----	-186,800	-100.0%
Columbia-Class reactor systems development.....	----	----	----	156,700	+156,700	N/A
S8G Prototype refueling.....	133,000	124,000	132,747	190,000	+57,000	+42.9%
Naval reactors operations and infrastructure.....	445,196	449,682	444,350	466,884	+21,688	+4.9%
Construction.....	121,100	148,300	120,870	144,700	+23,600	+19.5%
Program direction.....	42,504	44,100	42,423	48,200	+5,696	+13.4%
Subtotal, Naval Reactors.....	1,375,496	1,420,120	1,372,881	1,479,751	+104,255	+7.6%
Rescission						
Rescission of prior year balances.....	----	-328	----	----	---	N/A
Total, Naval Reactors.....	1,375,496	1,419,792	1,372,881	1,479,751	+104,255	+7.6%
Federal Salaries and Expenses						
Program direction.....	383,666	390,000	382,937	418,595	+34,929	+9.1%
Rescission.....	-19,900	-2,934	-19,000	----	+19,900	+100.0%
Total, Federal Salaries and Expenses.....	363,766	387,066	363,937	418,595	+54,829	+15.1%

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	FY 2016 Enacted Approp.	FY 2017 Enacted Approp.	FY 2017 Annualized CR	FY 2018 Congressional Request	FY 2018 vs. FY 2016	
					\$	%
Defense Environmental Cleanup						
Closure sites.....	4,889	9,389	4,880	4,889	---	N/A
Hanford site:						
River corridor and other cleanup ops.....	270,710	143,755	270,195	58,692	-212,018	-78.3%
Central plateau remediation.....	555,163	659,818	554,108	637,879	+82,716	+14.9%
Richland community and regulatory support.....	19,701	24,701	19,664	5,121	-14,580	-74.0%
Construction.....	77,016	11,486	76,869	14,500	-62,516	-81.2%
Total, Hanford site.....	922,590	839,760	920,836	716,192	-206,398	-22.4%
Idaho National Laboratory.....	396,000	382,088	395,247	350,226	-45,774	-11.6%
NNSA sites and Nevada off-sites.....	251,251	265,387	250,773	257,340	+6,089	+2.4%
Oak Ridge Reservation.....	239,050	263,219	238,596	207,600	-31,450	-13.2%
Office of River Protection.....	1,414,000	1,499,965	1,411,311	1,504,311	+90,311	+6.4%
Savannah River Sites:						
Savannah River risk management operations:						
Nuclear material stabilization and disposition.....	254,655	278,444	267,710	----	-254,655	-100.0%
SNF stabilization and disposition.....	41,407	41,407	41,328	----	-41,407	-100.0%
Soil and water remediation-2035.....	66,044	70,044	65,918	----	-66,044	-100.0%
Solid waste stabilization and disposition.....	51,546	59,085	51,448	----	-51,546	-100.0%
Total, Savannah River risk management operations.....	413,652	448,980	426,404	----	-413,652	-100.0%
Nuclear Material Management						
Nuclear Material Management.....	----	----	----	323,482	+323,482	N/A
Total, Nuclear Material Management.....	----	----	----	323,482	+323,482	N/A
Environmental Cleanup						
Environmental Cleanup.....	----	----	----	159,478	+159,478	N/A
Construction.....	----	----	----	500	+500	N/A
Total, Environmental Cleanup.....	----	----	----	159,978	+159,978	N/A
SR community and regulatory support.....	11,249	11,249	11,228	11,249	---	N/A
Radioactive liquid tank waste:						
Radioactive liquid tank waste stabilization and disposition.....	554,878	600,123	578,867	597,258	+42,380	+7.6%
Construction.....	228,642	173,077	189,625	190,500	-38,142	-16.7%
Total, Savannah River Site.....	1,208,421	1,233,429	1,206,124	1,282,467	+74,046	+6.1%

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					\$	%
Waste Isolation Pilot Plant.....	299,978	292,720	299,408	316,571	+16,593	+5.5%
Program direction.....	281,951	290,050	281,415	300,000	+18,049	+6.4%
Program support.....	6,979	6,979	6,966	6,979	---	N/A
WCF Mission Related Activities.....	----	----	----	22,109	+22,109	N/A
Minority Serving Institution Partnership.....	8,000	8,000	7,985	6,000	-2,000	-25.0%
Safeguards and Security.....	236,633	262,189	236,183	269,160	+32,527	+13.7%
Cyber Security.....	----	----	----	43,342	+43,342	N/A
Technology development.....	20,000	25,025	19,962	25,000	+5,000	+25.0%
HQEF-0040 - Excess Facilities.....	----	----	----	225,000	+225,000	N/A
CB-0101 Economic assistance to the state of NM.....	----	26,800	----	----	---	N/A
Subtotal, Defense environmental cleanup.....	5,289,742	5,405,000	5,279,686	5,537,186	+247,444	+4.7%
Rescission:						
Rescission of prior year balances.....	----	-783	----	----	---	N/A
Total, Defense Environmental Cleanup.....	5,289,742	5,404,217	5,279,686	5,537,186	+247,444	+4.7%
Other Defense Activities						
Environment, health, safety and security						
Environment, health, safety and security.....	118,763	126,972	118,537	130,693	+11,930	+10.0%
Program direction.....	62,235	64,000	62,117	68,765	+6,530	+10.5%
Total, Environment, Health, safety and security.....	180,998	190,972	180,654	199,458	+18,460	+10.2%
Independent enterprise assessments						
Independent enterprise assessments.....	24,068	24,580	24,022	24,068	---	N/A
Program direction.....	49,466	51,000	49,372	50,863	+1,397	+2.8%
Total, Independent enterprise assessments.....	73,534	75,580	73,394	74,931	+1,397	+1.9%
Specialized security activities.....	230,377	237,912	229,939	237,912	+7,535	+3.3%
Office of Legacy Management						
Legacy management.....	154,080	140,306	153,787	137,674	-16,406	-10.6%
Program direction.....	13,100	14,014	13,075	16,932	+3,832	+29.3%
Total, Office of Legacy Management.....	167,180	154,320	166,862	154,606	-12,574	-7.5%

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					\$	%
Defense related administrative support						
Chief financial officer.....	42,618	45,224	42,537	48,484	+5,866	+13.8%
Chief information officer.....	73,218	74,492	73,079	91,443	+18,225	+24.9%
Management.....	3,000	----	2,994	----	-3,000	-100.0%
Project management oversight and Assessments.....	----	----	----	3,073	+3,073	N/A
Total, Defense related administrative support.....	118,836	119,716	118,610	143,000	+24,164	+20.3%
Office of hearings and appeals.....	5,500	5,500	5,490	5,605	+105	+1.9%
Subtotal, Other defense activities.....	776,425	784,000	774,949	815,512	+39,087	+5.0%
Rescission:						
Rescission of prior year balances (LM).....	----	-1,066	----	----	---	N/A
Rescission of prior year balances (EHS&S).....	----	-1,146	----	----	---	N/A
Rescission of prior year balances (OHA).....	----	-80	----	----	---	N/A
Rescission of prior year balances (SSA).....	----	-4	----	----	---	N/A
Rescission of prior year balances (EA).....	----	-1	----	----	---	N/A
Rescission of prior year balances (ESA).....	----	-43	----	----	---	N/A
Total, Rescission.....	----	-2,340	----	----	----	N/A
Total, Other Defense Activities.....	776,425	781,660	774,949	815,512	+39,087	+5.0%
 Defense Nuclear Waste Disposal						
Yucca mountain and interim storage.....	----	----	----	30,000	+30,000	N/A
 Power Marketing Administrations						
Southeastern Power Administration						
Southeastern power administration.....	90,500	84,929	90,328	81,434	-9,066	-10.0%
Less alternative financing (for PPW)/						
Offsetting collection.....	-90,500	-84,929	-90,328	-81,434	+9,066	+10.0%
Total, Southeastern Power Administration.....	----	----	----	----	----	N/A
Southwestern Power Administration						
Southwestern power administration.....	136,223	140,898	136,013	155,947	+19,724	+14.5%
Less alternative financing/						
Offsetting collection.....	-124,823	-129,841	-124,635	-130,347	-5,524	-4.4%
Use of Prior Year Balances.....	----	----	----	-14,200	-14,200	N/A
Total, Southwestern Power Administration.....	11,400	11,057	11,378	11,400	----	N/A

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					\$	%
Western Area Power Administration						
Western Area Power Administration (CROM)						
Western area power administration (CROM).....	941,600	947,270	950,723	958,398	+16,798	+1.8%
Less alternative financing/ Offsetting collection (P.L. 108-477/109-103).....	-848,228	-851,689	-857,529	-865,026	-16,798	-2.0%
Rescission of prior year balances.....	----	-839	----	----	---	N/A
Total, Western Area Power Administration (CROM).....	93,372	94,742	93,194	93,372	----	N/A
Falcon and Amistad Operating and Maintenance Fund						
Operation and maintenance.....	4,950	4,393	4,809	5,048	+98	+2.0%
Offsetting collections.....	-4,262	-3,838	-4,254	-3,948	+314	+7.4%
Less alternative financing.....	-460	-323	-327	-872	-412	-89.6%
Total, Falcon and Amistad Fund.....	228	232	228	228	----	N/A
Colorado River Basins Power Marketing Fund						
Spending authority from offsetting collections.....	215,647	213,530	213,530	185,396	-30,251	-14.0%
Offsetting collections.....	-238,647	-236,530	-236,530	-208,396	+30,251	+12.7%
Total, Colorado River Basins.....	-23,000	-23,000	-23,000	-23,000	----	N/A
Total, Western Area Power Administration.....	70,600	71,974	70,422	70,600	----	N/A
Total, Power Marketing Administrations.....	82,000	83,031	81,800	82,000	----	N/A
Federal Energy Regulatory Commission						
Just and Reasonable Rates, Terms, and Conditions.....	148,921	159,650	148,638	168,111	+19,190	+12.9%
Safe, Reliable, Secure, & Efficient Infrastructure.....	112,507	123,576	112,293	131,836	+19,329	+17.2%
Mission Support through Organizational Excellence.....	58,372	63,574	58,261	67,653	+9,281	+15.9%
FERC revenues.....	-319,800	-346,800	-319,192	-367,600	-47,800	-14.9%
Total, Federal Energy Regulatory Commission.....	----	----	----	----	----	N/A
Uranium Enrichment D&D Fund Discretionary Payments						
Transfer payment from Defense ER&WM.....	----	-563,000	----	----	---	N/A
Total, Uranium Enrichment D&D Fund.....	----	-563,000	----	----	----	N/A

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					\$	%
Defense EM Funded						
Uranium Enrichment D&D Fund						
Uranium Enrichment D&D Fund Contribution.....	----	563,000	----	----	---	N/A
Fees and Recoveries, Federal Energy Regulatory Commission						
Fees & Recoveries In Excess of Annual Appropriations.....	-23,587	-9,426	-15,882	-9,000	+14,587	+61.8%
Title XVII Loan Guar. Prog Section 1703						
Negative Credit Subsidy Receipt.....	-68,000	-37,000	-67,871	-35,000	+33,000	+48.5%
Sale of Northeast Gas Reserve.....	----	----	----	-69,000	-69,000	N/A
Use of Unobligated ARPA-E Balances.....	----	----	----	-46,367	-46,367	N/A
Tribal Energy Loan Guarantee Program Rescission.....	----	-9,000	----	----	---	N/A
FE Rescission of prior year balances (Gen. Prov.).....	----	-240,000	----	----	---	N/A