

Department of Energy
 FY 2005 Statistical Table by Appropriation
 (dollars in thousands - OMB Scoring)

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Discretionary Summary By Appropriation

Energy And Water Development Appropriation Summary:

Energy Programs

Energy supply

Operation and maintenance.....	725,451	781,664	813,447	31,783	+4.1%
Construction.....	4,764	6,956	21,819	14,863	+213.7%
Total, Energy supply.....	730,215	788,620	835,266	46,646	+5.9%

Non-Defense site acceleration completion.....	156,129	162,411	151,850	-10,561	-6.5%
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Uranium enrichment D&D fund.....	320,563	414,027	500,200	86,173	+20.8%
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Non-Defense environmental services.....	161,852	306,439	291,296	-15,143	-4.9%
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Science

Operation and maintenance.....	3,014,724	3,237,331	3,177,696	-59,635	-1.8%
Construction.....	307,520	262,838	254,022	-8,816	-3.4%
Total, Science.....	3,322,244	3,500,169	3,431,718	-68,451	-2.0%

Nuclear waste disposal.....	144,058	188,879	749,000	560,121	+296.6%
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Departmental administration.....	89,219	93,720	122,611	28,891	+30.8%
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Inspector general.....	37,426	39,229	41,508	2,279	+5.8%
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Total, Energy Programs.....	4,961,706	5,493,494	6,123,449	629,955	+11.5%
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Atomic Energy Defense Activities

National nuclear security administration:

Weapons activities

Operation and maintenance.....	5,298,058	5,619,957	6,097,588	477,631	+8.5%
Construction.....	663,287	613,546	470,865	-142,681	-23.3%
Total, Weapons activities.....	5,961,345	6,233,503	6,568,453	334,950	+5.4%

Defense nuclear nonproliferation

Operation and maintenance.....	1,072,801	920,892	948,347	27,455	+3.0%
Construction.....	150,652	413,148	400,300	-12,848	-3.1%
Total, Defense nuclear nonproliferation.....	1,223,453	1,334,040	1,348,647	14,607	+1.1%

Naval reactors

Operation and maintenance.....	690,970	743,388	790,711	47,323	+6.4%
Construction.....	11,226	18,490	7,189	-11,301	-61.1%
Total, Naval reactors.....	702,196	761,878	797,900	36,022	+4.7%

Office of the administrator.....	330,314	336,826	333,700	-3,126	-0.9%
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Total, National nuclear security administration.....	8,217,308	8,666,247	9,048,700	382,453	+4.4%
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Environmental and other defense activities:

Defense site acceleration completion.....	5,496,409	5,576,760	5,970,837	394,077	+7.1%
Defense environmental services.....	1,105,778	1,012,610	982,470	-30,140	-3.0%

Other defense activities

Operation and maintenance.....	637,125	670,083	663,636	-6,447	-1.0%
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Defense nuclear waste disposal.....	312,952	387,699	131,000	-256,699	-66.2%
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Total, Environmental & other defense activities.....	7,552,264	7,647,152	7,747,943	100,791	+1.3%
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Total, Atomic Energy Defense Activities.....	15,769,572	16,313,399	16,796,643	483,244	+3.0%
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Defense EM privatization (rescission).....	—	-15,329	—	15,329	+100.0%
Power marketing administrations:					
Southeastern power administration.....	4,505	5,070	5,200	130	+2.6%
Southwestern power administration.....	27,200	28,431	29,352	921	+3.2%
Western area power administration.....	167,760	176,900	173,100	-3,800	-2.1%
Falcon & Amistad operating & maintenance fund.....	2,716	2,625	2,827	202	+7.7%
Total, Power marketing administrations.....	202,181	213,026	210,479	-2,547	-1.2%
Federal energy regulatory commission.....	—	—	—	—	—
Subtotal, Energy And Water Development Appropriation.....	20,933,459	22,004,590	23,130,571	1,125,981	+5.1%
Uranium enrichment D&D fund discretionary payments.....	-432,731	-449,333	-463,000	-13,667	-3.0%
Excess fees and recoveries, FERC.....	-22,669	-18,000	-15,000	3,000	+16.7%
Colorado River Basins.....	-22,000	-22,000	-23,000	-1,000	-4.5%
Total, Energy And Water Development Appropriation.....	20,456,059	21,515,257	22,629,571	1,114,314	+5.2%
Interior And Related Agencies Appropriation Summary:					
Fossil energy research and development.....	611,149	672,771	635,799	-36,972	-5.5%
Naval petroleum and oil shale reserves.....	17,715	17,995	20,000	2,005	+11.1%
Elk Hills school lands fund.....	36,000	36,000	36,000	—	—
Energy conservation.....	880,176	877,984	875,933	-2,051	-0.2%
Economic regulation.....	1,477	1,034	—	-1,034	-100.0%
Strategic petroleum reserve.....	171,732	170,948	172,100	1,152	+0.7%
Strategic petroleum account.....	1,955	—	—	—	—
Northeast home heating oil reserve.....	5,961	4,939	5,000	61	+1.2%
Energy information administration.....	80,087	81,100	85,000	3,900	+4.8%
Subtotal, Interior Accounts.....	1,806,252	1,862,771	1,829,832	-32,939	-1.8%
Clean coal technology.....	-47,000	-98,000	-140,000	-42,000	-42.9%
Total, Interior And Related Agencies Appropriation.....	1,759,252	1,764,771	1,689,832	-74,939	-4.2%
Total, Discretionary Funding.....	22,215,311	23,280,028	24,319,403	1,039,375	+4.5%
Yucca mountain--mandatory collection to offset discretionary funding.....	—	—	-749,000	-749,000	n/a
Total, Discretionary Funding.....	22,215,311	23,280,028	23,570,403	290,375	+1.2%

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Mandatory Funding					
Bonneville power administration					
New borrowing authority.....	470,000	216,000	295,000	79,000	+36.6%
Transfer to the corps.....	-138,000	—	—	—	—
Contract authority.....	203,000	—	—	—	—
Spending authority from offsetting collections.....	3,352,000	3,490,000	3,432,000	-58,000	-1.7%
Offsetting collections.....	-3,566,000	-3,736,000	-3,737,000	-1,000	-0.0%
Change in uncollected customer payments.....	-38,000	—	—	—	—
Total, Bonneville power administration.....	283,000	-30,000	-10,000	20,000	+66.7%
Payments to states.....	2,700	2,700	2,700	—	—
Deductions for offsetting receipts					
Intrafund transaction - earnings on investments					
Nuclear waste disposal fund.....	-732,000	-794,000	-865,000	-71,000	-8.9%
Decontamination and decommissioning fund.....	-136,000	-149,705	-165,927	-16,222	-10.8%
Total, Intrafund transactions.....	-868,000	-943,705	-1,030,927	-87,222	-9.2%
Proprietary receipts from the public					
Oil and gas sale proceeds at the NPRs.....	-7,228	-6,927	-6,927	—	—
Nuclear waste fund.....	-736,000	-740,000	—	740,000	+100.0%
Power marketing administrations					
Bonneville power administration					
Repayments on misc recoverable costs.....	-46,393	-31,000	-27,000	4,000	+12.9%
Sale of electric energy, reclamation fund.....	-50,257	-32,000	-31,000	1,000	+3.1%
Total, Bonneville power administration.....	-96,650	-63,000	-58,000	5,000	+7.9%
Southeastern power administration.....	-198,206	-176,825	-183,026	-6,201	-3.5%
Southwestern power administration.....	-89,800	-92,032	-92,600	-568	-0.6%
Western area power administration					
Sale of power & other utilities					
Reclamation fund.....	-219,210	-202,605	-225,769	-23,164	-11.4%
Not otherwise classified.....	-42,500	-42,500	-42,500	—	—
Total, Sale of power & other utilities.....	-261,710	-245,105	-268,269	-23,164	-9.5%
Falcon & Amistad					
Falcon dam.....	-2,064	-2,480	-2,309	171	+6.9%
Falcon & Amistad O&M fund.....	-2,734	-2,625	-2,827	-202	-7.7%
Total, Falcon & Amistad.....	-4,798	-5,105	-5,136	-31	-0.6%
Total, Western area power administration.....	-266,508	-250,210	-273,405	-23,195	-9.3%
Total, Power marketing administrations.....	-651,164	-582,067	-607,031	-24,964	-4.3%
Total, Proprietary receipts from the public.....	-1,394,392	-1,328,994	-613,958	715,036	+53.8%
Total, Deductions for offsetting receipts.....	-2,262,392	-2,272,699	-1,644,885	627,814	+27.6%
Total, Mandatory Funding.....	-1,976,692	-2,299,999	-1,652,185	647,814	+28.2%
Total, Department Of Energy.....	20,238,619	20,980,029	21,918,218	938,189	+4.5%

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Energy Supply

Energy Efficiency and Renewable Energy

Hydrogen technology.....	38,113	81,991	95,325	13,334	+16.3%
Solar energy.....	82,330	83,393	80,333	-3,060	-3.7%
Zero energy buildings.....	7,572	—	—	—	—
Wind energy.....	41,640	41,310	41,600	290	+0.7%
Hydropower.....	5,016	4,905	6,000	1,095	+22.3%
Geothermal technology.....	28,390	25,508	25,800	292	+1.1%
Biomass and biorefinery systems R&D.....	85,283	86,471	72,596	-13,875	-16.0%
Intergovernmental activities.....	14,449	14,720	16,000	1,280	+8.7%
Departmental energy management program.....	1,445	1,963	1,967	4	+0.2%
Renewable program support.....	—	4,919	—	-4,919	-100.0%

National climate change technology initiative

competitive solicitation.....	—	—	3,000	3,000	n/a
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Facilities and infrastructure

National renewable energy laboratory

Operation and maintenance.....	4,527	9,025	4,800	-4,225	-46.8%
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Construction

02-E-001 Science and technology facility,

National renewable energy laboratory

Golden, CO.....	770	3,925	6,680	2,755	+70.2%
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Total, Facilities and infrastructure.....	5,297	12,950	11,480	-1,470	-11.4%
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Program direction.....	12,615	12,364	20,711	8,347	+67.5%
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Total, Energy Efficiency and Renewable Energy.....	322,150	370,494	374,812	4,318	+1.2%
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Electric Transmission and Distribution

Research and development.....	80,439	69,467	75,679	6,212	+8.9%
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Electricity restructuring.....	4,816	6,925	5,000	-1,925	-27.8%
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Program direction.....	3,129	3,690	10,201	6,511	+176.4%
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Construction

04-E-001 Plant engineering and design

Energy reliability and efficiency

laboratory.....	—	736	—	-736	-100.0%
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Total, Electric Transmission and Distribution.....	88,384	80,818	90,880	10,062	+12.5%
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Nuclear Energy

University reactor fuel assistance and support.....	18,034	22,855	21,000	-1,855	-8.1%
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Research and development

Nuclear energy plant optimization.....	4,806	2,944	—	-2,944	-100.0%
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Nuclear energy research initiative.....	17,413	6,592	—	-6,592	-100.0%
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Nuclear energy technologies.....	31,579	19,622	10,246	-9,376	-47.8%
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Generation IV nuclear energy systems initiative.....	16,940	27,744	30,546	2,802	+10.1%
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Nuclear hydrogen initiative.....	2,000	6,377	9,000	2,623	+41.1%
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Advanced fuel cycle initiative.....	57,292	66,713	46,254	-20,459	-30.7%
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Total, Research and development.....	130,030	129,992	96,046	-33,946	-26.1%
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Infrastructure					
Radiological facilities management					
Space and defense infrastructure.....	28,608	35,544	33,800	-1,744	-4.9%
Medical isotopes infrastructure					
Medical isotopes infrastructure.....	25,106	27,887	21,194	-6,693	-24.0%
Isotope support and production.....	13,912	—	—	—	—
Construction:					
05-E-203 Facility modifications for U-233 disposition, Oak Ridge National Laboratory, Oak Ridge, TN.....	—	—	13,616	13,616	n/a
99-E-201 Isotope production facility, LANL.....	1,702	—	—	—	—
Total, Construction.....	1,702	—	13,616	13,616	n/a
Offsetting collections.....	-6,400	—	—	—	—
Total, Medical isotopes infrastructure.....	34,320	27,887	34,810	6,923	+24.8%
Enrichment facility and uranium management.....	—	—	500	500	n/a
Total, Radiological facilities management.....	62,928	63,431	69,110	5,679	+9.0%
Idaho facilities management					
ANL-West operations.....	—	41,827	30,781	-11,046	-26.4%
INEEL infrastructure					
INEEL infrastructure O&M.....	40,049	31,412	54,860	23,448	+74.6%
Construction:					
99-E-200 Test reactor area electrical utility upgrade, Idaho National Engineering Laboratory, ID.....	1,811	1,805	1,523	-282	-15.6%
95-E-201 Test reactor area fire and life safety improvements, Idaho National Engineering Laboratory, ID.....	481	490	—	-490	-100.0%
Total, Construction.....	2,292	2,295	1,523	-772	-33.6%
Total, INEEL infrastructure.....	42,341	33,707	56,383	22,676	+67.3%
Total, Idaho facilities management.....	42,341	75,534	87,164	11,630	+15.4%
Idaho sitewide safeguards and security (050).....	—	56,654	—	-56,654	-100.0%
Total, Infrastructure.....	105,269	195,619	156,274	-39,345	-20.1%
Program direction.....	23,974	59,979	26,427	-33,552	-55.9%
Total, Nuclear Energy.....	277,307	408,445	299,747	-108,698	-26.6%
Civilian Radioactive Waste Management					
Spent nuclear fuel management.....	4,962	5,061	5,223	162	+3.2%
Environment, Safety and Health					
Office of environment, safety and health (non-defense).....	6,746	6,867	10,000	3,133	+45.6%
Program direction.....	15,573	15,697	20,474	4,777	+30.4%
Total, Environment, Safety and Health.....	22,319	22,564	30,474	7,910	+35.1%
Office of Future Liabilities					
Future liabilities.....	—	—	3,000	3,000	n/a

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Office of Legacy Management					
Legacy management.....	21,093	29,547	31,130	1,583	+5.4%
Subtotal, Energy Supply.....	736,215	916,929	835,266	-81,663	-8.9%
Adjustments:					
Use of prior year balances.....	-6,000	-13,000	—	13,000	+100.0%
Less security charge for reimbursable work(NE-050).....	—	-3,003	—	3,003	+100.0%
Funding from other defense activities.....	—	-112,306	—	112,306	+100.0%
Total, Adjustments.....	-6,000	-128,309	—	128,309	+100.0%
Total, Energy Supply.....	730,215	788,620	835,266	46,646	+5.9%
 Non-Defense Site Acceleration Completion (was Non-Defense Environmental Management)					
2006 Accelerated completions.....	53,972	48,412	45,435	-2,977	-6.1%
2012 Accelerated completions.....	109,323	119,079	98,191	-20,888	-17.5%
2035 Accelerated completions.....	4,289	4,920	8,224	3,304	+67.2%
Subtotal, Non-Defense Site Acceleration Completion.....	167,584	172,411	151,850	-20,561	-11.9%
Use of prior year balances.....	-11,455	-10,000	—	10,000	+100.0%
Total, Non-Defense Site Acceleration Completion.....	156,129	162,411	151,850	-10,561	-6.5%
 Uranium Enrichment Decontamination And Decommissioning Fund					
Decontamination and decommissioning.....	304,667	363,328	399,586	36,258	+10.0%
Uranium/thorium reimbursement.....	15,896	50,699	100,614	49,915	+98.5%
Total, Uranium Enrichment D&D Fund.....	320,563	414,027	500,200	86,173	+20.8%
 Non-Defense Environmental Services (was Uranium Facilities Maintenance and Remediation)					
Community and regulatory support.....	20	1,030	90	-940	-91.3%
Environmental cleanup projects.....	35,823	43,589	46,083	2,494	+5.7%
Non-closure environmental activities					
Operation and maintenance.....	126,009	173,595	152,523	-21,072	-12.1%
Construction:					
02-D-101 Depleted uranium hexafluoride conversion project, various locations.....	—	98,225	92,600	-5,625	-5.7%
Total, Non-closure environmental activities.....	126,009	271,820	245,123	-26,697	-9.8%
Subtotal, Non-Defense Environmental Services.....	161,852	316,439	291,296	-25,143	-7.9%
Use of prior year balances.....	—	-10,000	—	10,000	+100.0%
Total, Non-Defense Environmental Services.....	161,852	306,439	291,296	-15,143	-4.9%

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Science

High energy physics

Proton accelerator-based physics.....	383,787	390,560	412,092	21,532	+5.5%
Electron accelerator-based physics.....	137,933	145,712	150,890	5,178	+3.6%
Non-accelerator physics.....	44,309	49,401	42,936	-6,465	-13.1%
Theoretical physics.....	44,792	47,623	49,630	2,007	+4.2%
Advanced technology R&D.....	71,375	87,909	81,081	-6,828	-7.8%
Construction:					
98-G-304 Neutrinos at the main injector, Fermilab.....	19,842	12,426	751	-11,675	-94.0%
Total, High energy physics.....	702,038	733,631	737,380	3,749	+0.5%

Nuclear physics

Operation and maintenance.....	370,655	389,623	401,040	11,417	+2.9%
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Biological and environmental research

Research.....	494,360	641,454	496,590	-144,864	-22.6%
Construction:					
05-SC-004 Project engineering and design (PED), Facility for the production and characterization of proteins and molecular tags.....	—	—	5,000	5,000	n/a
Total, Biological and environmental research.....	494,360	641,454	501,590	-139,864	-21.8%

Basic energy sciences

Research

Materials sciences and engineering research.....	533,552	572,356	603,228	30,872	+5.4%
Chemical sciences, geosciences and energy biosciences.....	211,898	219,582	228,422	8,840	+4.0%
Total, Research.....	745,450	791,938	831,650	39,712	+5.0%

Construction:

05-R-320 Linac coherent light source (LCLS).....	—	—	30,000	30,000	n/a
05-R-321 Center for functional nanomaterials, Brookhaven national laboratory.....	—	—	18,465	18,465	n/a
04-R-313 Nanoscale science research center - the molecular foundry.....	—	34,794	32,085	-2,709	-7.8%
03-SC-002 Project engineering and design (PED) SLAC.....	5,925	7,456	20,075	12,619	+169.2%
03-R-312 Center for nanophase materials sciences, ORNL.....	23,701	19,882	17,811	-2,071	-10.4%
03-R-313 Center for integrated nanotechnologies facility, SNL.....	4,444	29,674	30,897	1,223	+4.1%

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02-SC-002 Project engineering and design, (PED) various locations.....	11,850	2,982	2,012	-970	-32.5%
99-E-334 Spallation neutron source, ORNL.....	210,571	123,865	80,535	-43,330	-35.0%
Total, Construction.....	256,491	218,653	231,880	13,227	+6.0%
Total, Basic energy sciences.....	1,001,941	1,010,591	1,063,530	52,939	+5.2%
Advanced scientific computing research.....	163,185	202,292	204,340	2,048	+1.0%
Science laboratories infrastructure					
Laboratories facilities support					
Infrastructure support.....	1,007	1,511	1,520	9	+0.6%
Construction					
04-SC-001 PED, various locations.....	—	1,988	—	-1,988	-100.0%
03-SC-001 Science laboratories infrastructure project engineering and design, (PED), various locations.....	3,313	—	—	—	—
MEL-001 Multiprogram energy laboratory infrastructure projects, various locations.....	27,874	29,771	16,391	-13,380	-44.9%
Total, Construction.....	31,187	31,759	16,391	-15,368	-48.4%
Total, Laboratories facilities support.....	32,194	33,270	17,911	-15,359	-46.2%
Oak Ridge landlord.....	5,015	5,049	5,079	30	+0.6%
Excess facilities disposal.....	7,900	6,020	6,100	80	+1.3%
Health and safety improvement.....	—	9,941	—	-9,941	-100.0%
Total, Science laboratories infrastructure.....	45,109	54,280	29,090	-25,190	-46.4%
Fusion energy sciences program.....	240,695	262,555	264,110	1,555	+0.6%
Safeguards and security.....	66,877	62,328	73,315	10,987	+17.6%
Science program direction					
Field offices.....	75,917	86,010	89,341	3,331	+3.9%
Headquarters.....	61,508	66,571	65,927	-644	-1.0%
Total, Science program direction.....	137,425	152,581	155,268	2,687	+1.8%
Workforce development for teachers and scientists.....	5,392	6,432	7,660	1,228	+19.1%
Small business innovation research (SBIR).....	100,172	—	—	—	—
Subtotal, Science.....	3,327,849	3,515,767	3,437,323	-78,444	-2.2%
Adjustments:					
Use of prior year balances.....	—	-10,000	—	10,000	+100.0%
Less security charge for reimbursable work.....	-5,605	-5,598	-5,605	-7	-0.1%
Total, Adjustments.....	-5,605	-15,598	-5,605	9,993	+64.1%
Total, Science.....	3,322,244	3,500,169	3,431,718	-68,451	-2.0%
Nuclear Waste Disposal					
Nuclear waste disposal fund					
Repository program.....	84,448	109,152	661,510	552,358	+506.0%
Program direction.....	59,610	79,727	87,490	7,763	+9.7%
Total, Nuclear Waste Disposal.....	144,058	188,879	749,000	560,121	+296.6%

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	FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
Departmental Administration					
Administrative operations:					
Salaries and expenses:					
Office of the Secretary.....	4,262	4,233	5,441	1,208	+28.5%
Board of contract appeals.....	736	651	653	2	+0.3%
Chief information officer.....	28,281	35,584	44,856	9,272	+26.1%
Congressional & intergovernmental affairs.....	4,906	4,430	4,956	526	+11.9%
Economic impact and diversity.....	4,953	4,680	5,400	720	+15.4%
General counsel.....	21,626	19,913	23,349	3,436	+17.3%
Management, budget and evaluation.....	102,112	103,758	106,055	2,297	+2.2%
Policy and international affairs.....	13,529	13,762	17,977	4,215	+30.6%
Public affairs.....	3,864	3,837	4,649	812	+21.2%
Total, Salaries and expenses.....	184,269	190,848	213,336	22,488	+11.8%
Program support					
Minority economic impact.....	1,194	1,187	830	-357	-30.1%
Policy analysis and systems studies.....	398	395	395	—	—
Energy security and assurance (PI).....	1,493	—	—	—	—
Environmental policy studies.....	597	567	567	—	—
Engineering and construction management review.....	4,977	—	—	—	—
Cybersecurity and secure communications.....	28,340	26,315	24,932	-1,383	-5.3%
Corporate management information program.....	14,930	23,894	37,632	13,738	+57.5%
Total, Program support.....	51,929	52,358	64,356	11,998	+22.9%
Competitive sourcing initiative (A-76).....	—	—	5,000	5,000	n/a
Total, Administrative operations.....	236,198	243,206	282,692	39,486	+16.2%
Cost of work for others.....	69,916	69,682	71,621	1,939	+2.8%
Subtotal, Departmental Administration (gross).....	306,114	312,888	354,313	41,425	+13.2%
Adjustments:					
Use of prior year balances & other adjustments.....	-15,446	-10,000	—	10,000	+100.0%
Funding from other defense activities.....	-86,913	-86,168	-92,440	-6,272	-7.3%
Total, Adjustments.....	-102,359	-96,168	-92,440	3,728	+3.9%
Total, Departmental Administration (gross).....	203,755	216,720	261,873	45,153	+20.8%
Miscellaneous revenues.....	-114,536	-123,000	-139,262	-16,262	-13.2%
Total, Departmental Administration (Net).....	89,219	93,720	122,611	28,891	+30.8%
Office Of Inspector General					
Office of inspector general.....	37,426	39,229	41,508	2,279	+5.8%
Weapons Activities					
Directed stockpile work (DSW).....	1,259,136	1,326,656	1,406,435	79,779	+6.0%
Science campaign.....	260,867	273,848	300,962	27,114	+9.9%
Engineering campaign					
Operations and maintenance.....	158,220	178,428	194,330	15,902	+8.9%
Construction:					
01-D-108 Microsystem and engineering science applications (MESA), SNL, Albuquerque, NM.....	112,282	86,487	48,654	-37,833	-43.7%
Total, Engineering campaign.....	270,502	264,915	242,984	-21,931	-8.3%

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	FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
Inertial confinement fusion and high yield campaign					
Operations and maintenance.....	285,185	365,136	362,034	-3,102	-0.8%
Construction:					
96-D-111 National ignition facility (NIF), LLNL, Livermore, CA.....	214,045	149,115	130,000	-19,115	-12.8%
Total, Inertial confinement fusion and high yield campaign.....	499,230	514,251	492,034	-22,217	-4.3%
Advanced simulation and computing campaign					
Operations and maintenance.....	620,262	684,297	738,032	53,735	+7.9%
Construction:					
01-D-101 Distributed information systems laboratory, SNL, Livermore, CA.....	13,221	12,227	—	-12,227	-100.0%
00-D-103, Terascale simulation facility, LLNL, Livermore, CA.....	34,014	24,852	3,228	-21,624	-87.0%
00-D-107 Joint computational engineering laboratory, SNL, Albuquerque, NM.....	6,956	—	—	—	—
Total, Construction.....	54,191	37,079	3,228	-33,851	-91.3%
Total, Advanced simulation and computing.....	674,453	721,376	741,260	19,884	+2.8%
Pit manufacturing and certification campaign.....	261,807	296,790	336,473	39,683	+13.4%
Readiness campaign					
Operations and maintenance.....	187,019	254,358	259,127	4,769	+1.9%
Construction:					
98-D-125 Tritium extraction facility, Savannah River Site, Aiken, SC.....	83,128	74,558	21,000	-53,558	-71.8%
Total, Readiness campaign.....	270,147	328,916	280,127	-48,789	-14.8%
Readiness in technical base and facilities (RTBF)					
Operations and maintenance.....	1,289,872	1,281,696	1,268,152	-13,544	-1.1%
Construction:					
05-D-140 Project engineering and design, (PED) various locations.....	—	—	11,600	11,600	n/a
05-D-401 Building 12-64 production bays upgrades Pantex Plant, Amarillo, TX.....	—	—	25,100	25,100	n/a
05-D-402 Beryllium capability(BEC) project, Y-12 National Security Complex, Oakridge, TN.....	—	—	3,627	3,627	n/a
04-D-101 Test capabilities revitalization, Sandia National Laboratories, Albuquerque, NM.....	—	36,235	—	-36,235	-100.0%
04-D-102 Exterior communications infrastructure modernization Sandia National Laboratories, Albuquerque, NM.....	—	19,882	—	-19,882	-100.0%
04-D-103 Project engineering and design, (PED) various locations.....	—	3,543	1,500	-2,043	-57.7%

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	FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
04-D-125 Chemistry and metallurgy facility replacement project, Los Alamos National Laboratory, Los Alamos, NM.....	—	9,941	24,000	14,059	+141.4%
04-D-126 Building 12-44 production cells upgrade, Pantex Plant, Amarillo, TX.....	—	8,728	2,600	-6,128	-70.2%
04-D-127 Cleaning and loading modifications, Savannah River site, Aiken, SC.....	—	2,734	—	-2,734	-100.0%
04-D-128 TA-18 Mission relocation project, Los Alamos National Laboratory, Los Alamos, NM.....	—	8,768	—	-8,768	-100.0%
03-D-102 National security sciences building Los Alamos National Laboratory, Los Alamos, NM.....	11,652	49,705	37,348	-12,357	-24.9%
03-D-103 Project engineering and design (PED), various locations.....	7,431	10,545	15,275	4,730	+44.9%
03-D-121 Gas transfer capacity expansion, Kansas City Plant, Kansas City, MO.....	3,975	11,233	—	-11,233	-100.0%
03-D-122 Purification facility, Y-12 plant, Oak Ridge, TN.....	28,184	—	—	—	—
03-D-123 Special nuclear materials component requalification facility, Pantex plant, Amarillo, TX.....	6,620	7,583	4,602	-2,981	-39.3%
02-D-103 Project engineering and design (PED), various locations.....	15,222	10,891	5,250	-5,641	-51.8%
02-D-105 Engineering technology complex upgrade (ETCU), LLNL, Livermore, CA.....	4,600	9,718	5,400	-4,318	-44.4%
02-D-107 Electrical power systems safety communications and bus upgrades, Nevada Test Site, NV.....	7,282	2,870	—	-2,870	-100.0%
01-D-103 Project engineering and design (PED), various locations.....	—	1,591	6,000	4,409	+277.1%
01-D-107 Atlas relocation and operations, Nevada Test Site, NV.....	4,097	—	—	—	—
01-D-124 HEU materials facility, Y-12 plant, Oak Ridge, TN.....	24,140	44,735	64,000	19,265	+43.1%
01-D-126 Weapons evaluation test laboratory Pantex Plant, Amarillo, TX.....	8,595	2,821	—	-2,821	-100.0%
01-D-800 Sensitive compartmented information facility, LLNL, CA.....	9,332	—	—	—	—

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	FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
99-D-103 Isotope sciences facilities, LLNL, Livermore, CA.....	3,986	—	—	—	—
99-D-104 Protection of real property (roof reconstruction-Phase II), LLNL, Livermore, CA.....	4,413	3,479	—	-3,479	-100.0%
99-D-125 Replace boilers & controls, Kansas City Plant, Kansas City, MO.....	1,966	—	—	—	—
99-D-127 Stockpile management restructuring initiative, Kansas City Plant, Kansas City, MO.....	28,925	12,403	—	-12,403	-100.0%
99-D-128 Stockpile management restructuring initiative, Pantex Plant, Amarillo, TX.....	395	—	—	—	—
98-D-123 Stockpile management restructuring initiative, Tritium factory modernization and consolidation, Savannah River site, SC.....	10,176	—	—	—	—
96-D-102 Stockpile stewardship facilities revitalization, Phase VI, various locations.....	994	1,544	—	-1,544	-100.0%
88-D-122 Hydraulic press, Y-12.....	9,015	—	—	—	—
Total, Construction.....	191,000	258,949	206,302	-52,647	-20.3%
Total, Readiness in technical base and facilities.....	1,480,872	1,540,645	1,474,454	-66,191	-4.3%
Secure transportation asset					
Operations and equipment.....	124,253	122,941	143,873	20,932	+17.0%
Program direction.....	44,295	58,511	57,427	-1,084	-1.9%
Subtotal, Secure transportation asset.....	168,548	181,452	201,300	19,848	+10.9%
Use of prior year balances.....	—	-20,000	—	20,000	+100.0%
Total, Secure transportation asset.....	168,548	161,452	201,300	39,848	+24.7%
Nuclear weapons incident response.....	81,114	89,167	99,209	10,042	+11.3%
Facilities and infrastructure recapitalization program					
Operation and maintenance.....	235,474	235,058	291,543	56,485	+24.0%
Construction					
05-D-160 Facilities and infrastructure recapitalization program project engineering and design (PED), various locations.....	—	—	8,700	8,700	n/a
05-D-601 Compressed air upgrades project (CAUP), Y-12, National security complex, Oakridge, TN.....	—	—	4,400	4,400	n/a
05-D-602 Power grid infrastructure upgrade (PGIU), Los Alamos National Laboratory, Los Alamos, NM.....	—	—	10,000	10,000	n/a
05-D-603 New master substation (NMSU) SNL.....	—	—	600	600	n/a

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	FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
04-D-203 Facilities and infrastructure recapitalization program (FIRP), project engineering design (PED), various locations.....	—	3,697	981	-2,716	-73.5%
Total, Construction.....	—	3,697	24,681	20,984	+567.6%
Total, Facilities and infrastructure recapitalization program.....	235,474	238,755	316,224	77,469	+32.4%
Safeguards and security					
Operations and maintenance.....	549,520	578,809	669,991	91,182	+15.8%
Construction:					
05-D-170 Project engineering and design, various locations.....	—	—	17,000	17,000	n/a
05-D-701 Security perimeter project, Los Alamos National Laboratory, Los Alamos, NM.....	—	—	20,000	20,000	n/a
99-D-132 Nuclear material safeguards and security upgrade project, LANL, Los Alamos, NM.....	8,641	3,661	—	-3,661	-100.0%
Total, Construction.....	8,641	3,661	37,000	33,339	+910.7%
Total, Safeguards and security.....	558,161	582,470	706,991	124,521	+21.4%
Subtotal, Weapons Activities.....	6,020,311	6,339,241	6,598,453	259,212	+4.1%
Adjustments					
Use of prior year balances.....	-29,981	-76,753	—	76,753	+100.0%
Less security charge for reimbursable work.....	-28,985	-28,985	-30,000	-1,015	-3.5%
Total, Adjustments.....	-58,966	-105,738	-30,000	75,738	+71.6%
Total, Weapons Activities.....	5,961,345	6,233,503	6,568,453	334,950	+5.4%
Defense Nuclear Nonproliferation					
Nonproliferation and verification R&D					
Operation and maintenance.....	256,092	231,997	220,000	-11,997	-5.2%
Nonproliferation and international security.....	130,873	114,084	124,000	9,916	+8.7%
Nonproliferation programs with Russia					
International materials protection, control and cooperation.....	333,029	258,487	238,000	-20,487	-7.9%
Russian transition initiative.....	39,081	39,764	41,000	1,236	+3.1%
HEU transparency implementation.....	17,118	17,894	20,950	3,056	+17.1%
International nuclear safety and cooperation.....	33,570	—	—	—	—
Elimination of weapons-grade plutonium production program.....	49,221	65,035	50,097	-14,938	-23.0%
Accelerated materials disposition.....	894	—	—	—	—
Fissile materials disposition					
U S surplus materials disposition.....	197,095	192,695	184,700	-7,995	-4.1%
Russian surplus materials disposition.....	97,781	46,975	64,000	17,025	+36.2%
Construction:					
01-D-407 Highly enriched uranium (HEU) blend down, Savannah River, SC.....	23,476	—	—	—	—

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	FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
99-D-141 Pit disassembly and conversion facility, Savannah River, SC.....	34,775	13,520	32,300	18,780	+138.9%
99-D-143 Mixed oxide fuel fabrication facility, Savannah River, SC.....	92,401	399,628	368,000	-31,628	-7.9%
Total, Construction.....	150,652	413,148	400,300	-12,848	-3.1%
Total, Fissile materials disposition.....	445,528	652,818	649,000	-3,818	-0.6%
Total, Nonproliferation programs with Russia.....	918,441	1,033,998	999,047	-34,951	-3.4%
Offsite source recovery project.....	2,172	1,961	5,600	3,639	+185.6%
Subtotal, Defense Nuclear Nonproliferation.....	1,307,578	1,382,040	1,348,647	-33,393	-2.4%
Adjustments:					
Use of prior year balances.....	-84,125	-48,000	—	48,000	+100.0%
Total, Defense Nuclear Nonproliferation.....	1,223,453	1,334,040	1,348,647	14,607	+1.1%
Naval Reactors					
Naval reactors development					
Operation and maintenance.....	666,927	718,836	761,211	42,375	+5.9%
Construction:					
05-N-900 Materials development facility building, Schenectady, NY.....	—	—	6,200	6,200	n/a
03-D-201 Cleanroom technology facility.....	7,153	298	—	-298	-100.0%
01-D-200 Major office replacement building, Schenectady, NY.....	2,086	—	—	—	—
90-N-102 Expended core facility dry cell project, Naval Reactors Facility, ID.....	1,987	18,192	989	-17,203	-94.6%
Total, Construction.....	11,226	18,490	7,189	-11,301	-61.1%
Total, Naval reactors development.....	678,153	737,326	768,400	31,074	+4.2%
Program direction.....	24,043	26,552	29,500	2,948	+11.1%
Subtotal, Naval Reactors.....	702,196	763,878	797,900	34,022	+4.5%
Use of prior year balances (Naval reactors).....	—	-2,000	—	2,000	+100.0%
Total, Naval Reactors.....	702,196	761,878	797,900	36,022	+4.7%
Office Of The Administrator					
Office of the administrator.....	330,314	336,826	333,700	-3,126	-0.9%
Defense Site Acceleration Completion (was Defense Facilities Closure Projects)					
2006 Accelerated completions					
Operation and maintenance.....	1,232,079	1,239,018	1,251,799	12,781	+1.0%
Construction:					
02-D-420 Plutonium packaging and stabilization, Savannah river.....	1,958	—	—	—	—
Total, 2006 Accelerated completions.....	1,234,037	1,239,018	1,251,799	12,781	+1.0%

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2012 Accelerated completions					
Operation and maintenance.....	1,411,517	1,487,694	1,437,001	-50,693	-3.4%
Construction:					
04-D-414 Project engineering and design, various locations.....	—	23,361	3,000	-20,361	-87.2%
04-D-423 3013 container surveillance capability in 235-F, SR.....	—	1,127	20,640	19,513	+1731.4%
02-D-402 Cathodic protection system expansion, ID.....	1,096	1,120	—	-1,120	-100.0%
01-D-416 Waste treatment and immobilization plant, RL.....	690,000	686,036	690,000	3,964	+0.6%
Total, Construction.....	691,096	711,644	713,640	1,996	+0.3%
Total, 2012 Accelerated completions.....	2,102,613	2,199,338	2,150,641	-48,697	-2.2%
2035 Accelerated completions					
Operation and maintenance.....	1,796,701	1,833,166	1,849,512	16,346	+0.9%
Construction:					
04-D-408 Glass waste storage building #2, SR.....	—	20,139	43,827	23,688	+117.6%
03-D-403 Immobilized HLW interim storage facility, RL.....	1,229	13,872	—	-13,872	-100.0%
03-D-414 Project engineering and design, various locations.....	8,615	51,198	—	-51,198	-100.0%
01-D-414 Project engineering design, immobilized HLW interim storage facility, RL.....	5,018	—	—	—	—
Total, Construction.....	14,862	85,209	43,827	-41,382	-48.6%
Total, 2035 Accelerated completions.....	1,811,563	1,918,375	1,893,339	-25,036	-1.3%
Safeguards and security.....	254,747	291,124	265,059	-26,065	-9.0%
High level waste legislative proposal					
Operation and maintenance.....	—	—	249,442	249,442	n/a
Construction					
05-D-401 Salt waste processing facility, Savannah River.....	—	—	52,000	52,000	n/a
04-D-414 04-02 PED: Sodium bearing waste treatment, Idaho.....	—	—	24,900	24,900	n/a

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	FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
03-D-414 PED: salt waste processing facility alternative, Savannah River.....	—	—	23,658	23,658	n/a
Total, Construction.....	—	—	100,558	100,558	n/a
Total, High level waste legislative proposal.....	—	—	350,000	350,000	n/a
Technology development and deployment.....	113,679	66,116	60,142	-5,974	-9.0%
Subtotal, Defense Site Acceleration Completion.....	5,516,639	5,713,971	5,970,980	257,009	+4.5%
Use of prior year balances.....	-20,108	-137,090	—	137,090	+100.0%
Less security charge for reimbursable work.....	-122	-121	-143	-22	-18.2%
Total, Defense Site Acceleration Completion.....	5,496,409	5,576,760	5,970,837	394,077	+7.1%
Defense Environmental Services					
(was Defense Environmental Management Privatization)					
Community and regulatory support.....	67,956	60,860	60,547	-313	-0.5%
Federal contribution to the uranium enrichment.....	432,731	449,333	463,000	13,667	+3.0%
Non-closure environmental activities					
Operation and maintenance.....	327,188	246,918	187,864	-59,054	-23.9%
Program direction.....	279,723	276,510	271,059	-5,451	-2.0%
Subtotal, Defense Environmental Services.....	1,107,598	1,033,621	982,470	-51,151	-4.9%
Use of prior year balances.....	-1,820	-21,011	—	21,011	+100.0%
Total, Defense Environmental Services.....	1,105,778	1,012,610	982,470	-30,140	-3.0%
Other Defense Activities					
Energy security and assurance					
Energy security.....	22,242	19,883	6,100	-13,783	-69.3%
Program direction.....	3,800	2,457	4,500	2,043	+83.2%
Total, Energy security and assurance.....	26,042	22,340	10,600	-11,740	-52.6%
Office of Security					
Nuclear safeguards and security.....	144,512	149,805	143,197	-6,608	-4.4%
Security investigations.....	45,579	54,234	53,554	-680	-1.3%
Program direction.....	51,742	52,187	58,350	6,163	+11.8%
Total, Office of Security.....	241,833	256,226	255,101	-1,125	-0.4%
Independent oversight and performance assurance.....	24,420	23,917	24,669	752	+3.1%
Civilian radioactive waste management					
Spent nuclear fuel management.....	15,068	21,848	21,190	-658	-3.0%
Program direction.....	979	1,010	1,060	50	+5.0%
Total, Civilian radioactive waste management.....	16,047	22,858	22,250	-608	-2.7%
Environment, safety & health					
Environment, safety and health (defense).....	90,304	102,013	99,105	-2,908	-2.9%
Program direction.....	20,077	17,853	20,414	2,561	+14.3%
Total, Environment, safety and health.....	110,381	119,866	119,519	-347	-0.3%

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Office of Legacy Management					
Legacy management.....	12,552	14,286	19,194	4,908	+34.4%
Worker and community transition.....	19,061	10,666	2,500	-8,166	-76.6%
Program direction.....	11,720	13,009	13,201	192	+1.5%
Total, Office of Legacy Management.....	43,333	37,961	34,895	-3,066	-8.1%
Nuclear energy					
Infrastructure					
Idaho facilities management					
INEEL infrastructure O&M.....	20,642	21,296	20,886	-410	-1.9%
Idaho sitewide safeguards and security.....	52,560	56,343	58,103	1,760	+3.1%
Total, Infrastructure.....	73,202	77,639	78,989	1,350	+1.7%
Program direction.....	33,935	34,045	33,858	-187	-0.5%
Total, Nuclear energy.....	107,137	111,684	112,847	1,163	+1.0%
Defense related administrative support.....	86,913	86,168	92,440	6,272	+7.3%
Office of hearings and appeals.....	2,914	3,775	4,318	543	+14.4%
Office of Future Liabilities					
Future liabilities.....	—	—	5,000	5,000	n/a
Subtotal, Other defense activities.....	659,020	684,795	681,639	-3,156	-0.5%
Adjustments:					
Use of prior year balances.....	-18,180	-14,000	-15,000	-1,000	-7.1%
Less security charge for reimbursable work (SO).....	-712	-712	—	712	+100.0%
Less security charge for reimbursable work (NE).....	-3,003	—	-3,003	-3,003	n/a
Total, Adjustments.....	-21,895	-14,712	-18,003	-3,291	-22.4%
Total, Other Defense Activities.....	637,125	670,083	663,636	-6,447	-1.0%
Defense Nuclear Waste Disposal					
Defense nuclear waste disposal.....	312,952	387,699	131,000	-256,699	-66.2%
Defense Environmental Management Privatization					
Use of prior year balances (rescission).....	—	-15,329	—	15,329	+100.0%
Power Marketing Administrations					
Southeastern Power Administration					
Program direction.....	4,577	5,070	5,200	130	+2.6%
Purchase power and wheeling.....	34,463	34,000	—	-34,000	-100.0%
Subtotal, Southeastern Power Administration.....	39,040	39,070	5,200	-33,870	-86.7%
Use of prior year balances.....	-72	—	—	—	—
Offsetting collections.....	-14,463	-19,000	—	19,000	+100.0%
Offsetting collections (P L 106-377).....	-20,000	-15,000	—	15,000	+100.0%
Total, Southeastern Power Administration.....	4,505	5,070	5,200	130	+2.6%

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	FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
Southwestern Power Administration					
Operation and maintenance.....	3,790	4,635	4,676	41	+0.9%
Purchase power and wheeling.....	1,800	1,800	—	-1,800	-100.0%
Program direction.....	17,818	19,092	19,324	232	+1.2%
Construction.....	5,992	4,704	5,352	648	+13.8%
Subtotal, Southwestern Power Administration.....	29,400	30,231	29,352	-879	-2.9%
Use of prior year balances.....	-400	—	—	—	—
Offsetting collections.....	-1,512	-1,512	—	1,512	+100.0%
Offsetting collections (P L 106-377).....	-288	-288	—	288	+100.0%
Total, Southwestern Power Administration.....	27,200	28,431	29,352	921	+3.2%
Western Area Power Administration					
Construction and rehabilitation.....	17,669	12,874	20,191	7,317	+56.8%
Operation and maintenance.....	38,009	35,994	39,821	3,827	+10.6%
Purchase power and wheeling.....	186,124	186,100	—	-186,100	-100.0%
Program direction.....	111,904	125,861	116,756	-9,105	-7.2%
Utah mitigation and conservation.....	6,061	6,163	—	-6,163	-100.0%
Subtotal, Western Area Power Administration.....	359,767	366,992	176,768	-190,224	-51.8%
Use of prior year balances.....	-1,200	—	—	—	—
Offsetting collections.....	-156,124	-166,100	—	166,100	+100.0%
Offsetting collections (P L 106-377).....	-30,000	-20,000	—	20,000	+100.0%
Offsetting collections (P L 98-381).....	-4,683	-3,992	-3,668	324	+8.1%
Total, Western Area Power Administration.....	167,760	176,900	173,100	-3,800	-2.1%
Falcon and Amistad Operating and Maintenance Fund					
Operation and maintenance.....	2,716	2,625	2,827	202	+7.7%
Total, Power Marketing Administrations.....	202,181	213,026	210,479	-2,547	-1.2%
Federal Energy Regulatory Commission					
Federal energy regulatory commission.....	192,000	204,400	210,000	5,600	+2.7%
FERC revenues.....	-192,000	-204,400	-210,000	-5,600	-2.7%
Total, Federal Energy Regulatory Commission.....	—	—	—	—	—
Uranium Enrichment D&D Fund Discretionary Payments					
Transfer payment from Defense ER&WM.....	-432,731	-449,333	-463,000	-13,667	-3.0%
Fees And Recoveries, Federal Energy Regulatory Commission					
Fees & recoveries in excess of annual appropriations.....	-22,669	-18,000	-15,000	3,000	+16.7%
Colorado River Basins Power Marketing Fund					
Spending authority from offsetting collections					
Equipment, contracts and other related expenses.....	371,421	153,471	167,876	14,405	+9.4%
Program direction.....	38,373	40,090	38,741	-1,349	-3.4%
Total, Spending authority from offsetting collections.....	409,794	193,561	206,617	13,056	+6.7%
Offsetting collections.....	-431,794	-215,561	-229,617	-14,056	-6.5%
Total, Colorado River Basins.....	-22,000	-22,000	-23,000	-1,000	-4.5%

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FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
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Fossil Energy Research And Development

Coal and other power systems

President's Coal Research Initiative

Clean Coal Power Initiative

Clean coal power initiative/FutureGen.....	145,116	169,881	287,000	117,119	+68.9%
FutureGen.....	—	8,889	—	-8,889	-100.0%
FutureGen (non-add).....	(—)	(—)	(237,000)	(237,000)	(n/a)
Total, Clean Coal Power Initiative.....	145,116	178,770	287,000	108,230	+60.5%

Central systems

Innovations for existing plants.....	21,566	21,729	18,050	-3,679	-16.9%
Advanced systems					
Integrated gasification combined cycle.....	43,301	50,372	34,450	-15,922	-31.6%
Combustion systems including hybrid.....	10,097	4,939	—	-4,939	-100.0%
Turbines.....	16,530	12,840	12,000	-840	-6.5%
Total, Advanced systems.....	69,928	68,151	46,450	-21,701	-31.8%
Total, Central systems.....	91,494	89,880	64,500	-25,380	-28.2%

Sequestration R&D

Greenhouse gas control.....	39,101	40,297	49,000	8,703	+21.6%
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Fuels

Transportation fuels and chemicals.....	21,432	21,927	16,000	-5,927	-27.0%
Solid fuels and feedstocks.....	5,808	5,986	—	-5,986	-100.0%
Advanced fuels research.....	3,193	3,308	—	-3,308	-100.0%
Total, Fuels.....	30,433	31,221	16,000	-15,221	-48.8%

Advanced research

Coal utilization science.....	8,781	11,852	8,000	-3,852	-32.5%
Materials.....	8,712	11,111	8,000	-3,111	-28.0%
Technology crosscut.....	11,078	11,326	10,500	-826	-7.3%
University coal research.....	2,904	2,945	3,000	55	+1.9%
HBCUs, education and training.....	969	981	1,000	19	+1.9%
Total, Advanced research.....	32,444	38,215	30,500	-7,715	-20.2%

Total, President's Coal Research Initiative.....	338,588	378,383	447,000	68,617	+18.1%
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Other Power Systems

Distributed generation systems - Fuel cells

Advanced research.....	3,389	9,876	—	-9,876	-100.0%
Systems development.....	9,675	10,865	—	-10,865	-100.0%
Vision 21-hybrids.....	13,062	12,840	—	-12,840	-100.0%
Innovative concepts.....	32,981	35,063	23,000	-12,063	-34.4%
Novel generation.....	2,927	2,469	—	-2,469	-100.0%
Total, Distributed generation system-Fuel cells.....	62,034	71,113	23,000	-48,113	-67.7%

U S /China Energy and environmental center.....	—	988	—	-988	-100.0%
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Total, Other Power Systems.....	62,034	72,101	23,000	-49,101	-68.1%
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Total, Coal and other power systems.....	400,622	450,484	470,000	19,516	+4.3%
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Department of Energy
 FY 2005 Statistical Table by Appropriation
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	FY 2003 Comparable Approp	FY 2004 Comparable Approp	FY 2005 Congress Request	FY 2005 vs. FY 2004	
Natural gas technologies					
Exploration and production.....	22,712	22,203	17,500	-4,703	-21.2%
Gas hydrates.....	9,218	9,383	6,000	-3,383	-36.1%
Infrastructure.....	8,780	8,939	—	-8,939	-100.0%
Emerging processing technology applications.....	2,593	—	—	—	—
Effective environmental protection.....	2,557	2,469	2,500	31	+1.3%
Total, Natural gas technologies.....	45,860	42,994	26,000	-16,994	-39.5%
Petroleum - Oil technology					
Exploration and production supporting research.....	22,667	18,450	3,000	-15,450	-83.7%
Reservoir life extension/management.....	8,724	6,914	5,000	-1,914	-27.7%
Effective environmental protection.....	9,592	9,714	7,000	-2,714	-27.9%
Total, Petroleum - Oil technology.....	40,983	35,078	15,000	-20,078	-57.2%
Cooperative research and development.....	7,970	8,395	3,000	-5,395	-64.3%
Fossil energy environmental restoration.....	9,652	9,595	6,000	-3,595	-37.5%
Import/export authorization.....	2,981	2,716	1,799	-917	-33.8%
Energy efficiency science initiative.....	2,440	—	—	—	—
Program direction and management support					
Headquarters program direction.....	18,777	22,189	22,749	560	+2.5%
Energy technology center program direction.....	68,452	69,221	69,251	30	+0.0%
Clean coal program direction.....	—	14,815	14,000	-815	-5.5%
Total, Program direction and management support.....	87,229	106,225	106,000	-225	-0.2%
GP-F-100 General plant projects.....	6,954	6,914	—	-6,914	-100.0%
Advanced metallurgical research.....	5,961	9,876	8,000	-1,876	-19.0%
National academy of sciences program review.....	497	494	—	-494	-100.0%
Total, Fossil Energy Research And Development.....	611,149	672,771	635,799	-36,972	-5.5%
Naval Petroleum & Oil Shale Reserves					
Production operations.....	7,829	9,699	10,676	977	+10.1%
Management.....	9,886	8,296	9,324	1,028	+12.4%
Total, Naval Petroleum & Oil Shale Reserves.....	17,715	17,995	20,000	2,005	+11.1%
Elk Hills School Lands Fund					
Advance appropriation.....	36,000	36,000	36,000	—	—
Energy Conservation					
Vehicle technologies.....	174,171	178,002	156,656	-21,346	-12.0%
Fuel cell technologies.....	53,906	65,187	77,500	12,313	+18.9%
Weatherization & intergovernmental activities					
Weatherization assistance grants.....	223,537	227,166	291,200	64,034	+28.2%
State energy program grants.....	44,708	43,952	40,798	-3,154	-7.2%
State energy activities.....	5,265	2,324	2,353	29	+1.2%
Gateway deployment.....	40,645	35,170	29,716	-5,454	-15.5%
Total, Weatherization & intergovernmental activities.....	314,155	308,612	364,067	55,455	+18.0%

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Distributed energy resources.....	60,054	61,023	53,080	-7,943	-13.0%
Building technologies.....	58,327	59,866	58,284	-1,582	-2.6%
Industrial technologies.....	96,824	93,068	58,102	-34,966	-37.6%
Biomass and biorefinery systems R&D.....	24,050	7,506	8,680	1,174	+15.6%
Federal energy management program.....	19,299	19,716	17,900	-1,816	-9.2%
Program management.....	76,950	85,004	81,664	-3,340	-3.9%
Energy efficiency science initiative.....	2,440	—	—	—	—
Total, Energy Conservation.....	880,176	877,984	875,933	-2,051	-0.2%
Economic Regulation					
Office of hearings and appeals.....	1,477	1,034	—	-1,034	-100.0%
Strategic Petroleum Reserve					
SPR - Facilities development					
Storage facilities development.....	157,823	155,044	155,100	56	+0.0%
Management.....	13,909	15,904	17,000	1,096	+6.9%
Total, SPR - Facilities development.....	171,732	170,948	172,100	1,152	+0.7%
Northeast Home Heating Oil Reserve					
Northeast home heating oil reserve.....	5,961	4,939	5,000	61	+1.2%
SPR petroleum account					
Oil acquisition.....	6,955	—	—	—	—
Rescission of previously appropriated funds.....	-5,000	—	—	—	—
Total, SPR petroleum account.....	1,955	—	—	—	—
Total, Strategic Petroleum Reserve.....	179,648	175,887	177,100	1,213	+0.7%
Energy Information Administration					
National energy information system.....	80,587	81,100	85,000	3,900	+4.8%
Use of prior year balances.....	-500	—	—	—	—
Total, Energy Information Administration.....	80,087	81,100	85,000	3,900	+4.8%
Clean Coal Technology					
Advance appropriation.....	40,000	87,000	97,000	10,000	+11.5%
Rescission.....	—	-88,000	-237,000	-149,000	-169.3%
Deferral.....	-87,000	-97,000	—	97,000	+100.0%
Total, Clean Coal Technology.....	-47,000	-98,000	-140,000	-42,000	-42.9%