

Department of Energy
FY 2004 Budget Request to Congress
Statistical Table by Appropriation

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Department of Energy
FY 2004 Statistical Table by Appropriation
(dollars in thousands - OMB Scoring)

FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
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Energy And Water Development Appropriation Summary:

Energy Programs

Energy supply

Operation and maintenance.....	770,520	758,225	858,715	+100,490	+13.3%
Construction.....	4,744	4,861	3,090	-1,771	-36.4%
Total, Energy supply.....	775,264	763,086	861,805	+98,719	+12.9%

Non-Defense site acceleration completion.....	194,522	167,581	170,875	+3,294	+2.0%
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Uranium enrichment D&D fund.....	305,517	298,489	418,124	+119,635	+40.1%
Non-Defense environmental services.....	148,240	172,970	292,121	+119,151	+68.9%

Science

Operation and maintenance.....	2,985,551	2,960,631	3,046,549	+85,918	+2.9%
Construction.....	323,901	303,245	264,386	-38,859	-12.8%
Total, Science.....	3,309,452	3,263,876	3,310,935	+47,059	+1.4%

Nuclear waste disposal.....	94,916	275,802	161,000	-114,802	-41.6%
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Departmental administration.....	154,601	158,051	179,638	+21,587	+13.7%
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Inspector general.....	32,405	37,671	39,462	+1,791	+4.8%
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Total, Energy Programs.....	5,014,917	5,137,526	5,433,960	+296,434	+5.8%
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<i>(Defense (050) function, non-add).....</i>	<i>(94,728)</i>	<i>(99,805)</i>	<i>(110,473)</i>	<i>(+10,668)</i>	<i>(+10.7%)</i>
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<i>(Science (250) function, non-add).....</i>	<i>(3,309,452)</i>	<i>(3,263,876)</i>	<i>(3,310,935)</i>	<i>(+47,059)</i>	<i>(+1.4%)</i>
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<i>(Energy (270) function, non-add).....</i>	<i>(1,610,737)</i>	<i>(1,773,845)</i>	<i>(2,012,552)</i>	<i>(+238,707)</i>	<i>(+13.5%)</i>
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National nuclear security administration:

Weapons activities

Operation and maintenance.....	4,959,211	5,227,052	5,773,122	+546,070	+10.4%
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Construction.....	582,967	618,791	604,878	-13,913	-2.2%
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Total, Weapons activities.....	5,542,178	5,845,843	6,378,000	+532,157	+9.1%
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Defense nuclear nonproliferation

Operation and maintenance.....	916,291	872,030	924,595	+52,565	+6.0%
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Construction.....	142,139	156,000	415,600	+259,600	+166.4%
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Total, Defense nuclear nonproliferation.....	1,058,430	1,028,030	1,340,195	+312,165	+30.4%
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Naval reactors

Operation and maintenance.....	674,371	695,490	749,800	+54,310	+7.8%
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Construction.....	13,200	11,300	18,600	+7,300	+64.6%
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Total, Naval reactors.....	687,571	706,790	768,400	+61,610	+8.7%
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Office of the administrator.....	307,418	328,726	347,980	+19,254	+5.9%
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Total, National nuclear security administration.....	7,595,597	7,909,389	8,834,575	+925,186	+11.7%
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Environmental and other defense activities:

Defense site acceleration completion.....	5,280,645	5,620,343	5,814,635	+194,292	+3.5%
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Defense environmental services.....	1,025,127	1,060,413	995,179	-65,234	-6.2%
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Other defense activities

Operation and maintenance.....	506,859	512,622	522,678	+10,056	+2.0%
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Construction.....	—	—	—	—	—
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Total, Other defense activities.....	506,859	512,622	522,678	+10,056	+2.0%
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Defense nuclear waste disposal.....	279,795	315,000	430,000	+115,000	+36.5%
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Total, Environmental & other defense activities.....	7,092,426	7,508,378	7,762,492	+254,114	+3.4%
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Department of Energy
FY 2004 Statistical Table by Appropriation
(dollars in thousands - OMB Scoring)

	FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
Cerro grande fire activities.....	—	—	-75,000	-75,000	n/a
Power marketing administrations:					
Southeastern power administration.....	4,887	4,534	5,100	+566	+12.5%
Southwestern power administration.....	28,019	27,378	28,600	+1,222	+4.5%
Western area power administration.....	171,840	162,758	171,000	+8,242	+5.1%
Falcon & Amistad operating & maintenance fund.....	2,663	2,734	2,640	-94	-3.4%
Total, Power marketing administrations.....	207,409	197,404	207,340	+9,936	+5.0%
Federal energy regulatory commission.....	—	—	—	—	—
Subtotal, Energy And Water Development Appropriation.....	19,910,349	20,752,697	22,163,367	+1,410,670	+6.8%
Uranium enrichment D&D fund discretionary payments.....	-420,000	-442,000	-452,000	-10,000	-2.3%
Excess fees and recoveries, FERC.....	—	-18,000	-18,000	—	—
Colorado River Basins.....	—	-22,000	-22,000	—	—
Total, Energy And Water Development Appropriation.....	19,490,349	20,270,697	21,671,367	+1,400,670	+6.9%
<i>Defense (050) function (non-add).....</i>	<i>(14,752,766)</i>	<i>(15,491,418)</i>	<i>(16,604,193)</i>	<i>(+1,112,775)</i>	<i>(+7.2%)</i>
<i>Science (250) function (non-add).....</i>	<i>(3,309,452)</i>	<i>(3,263,876)</i>	<i>(3,310,935)</i>	<i>(+47,059)</i>	<i>(+1.4%)</i>
<i>Energy (270) function (non-add).....</i>	<i>(1,428,131)</i>	<i>(1,515,403)</i>	<i>(1,756,239)</i>	<i>(+240,836)</i>	<i>(+15.9%)</i>
Interior And Related Agencies Appropriation Summary:					
Fossil energy research and development.....	577,784	479,305	519,305	+40,000	+8.3%
Alternative fuels production.....	-2,000	—	—	—	—
Naval petroleum and oil shale reserves.....	17,355	20,831	16,500	-4,331	-20.8%
Elk Hills school lands fund.....	36,000	72,000	36,000	-36,000	-50.0%
Energy conservation.....	896,464	911,651	875,793	-35,858	-3.9%
Economic regulation.....	1,996	1,487	1,047	-440	-29.6%
Strategic petroleum reserve.....	170,880	168,856	175,081	+6,225	+3.7%
Strategic petroleum account.....	—	11,000	-5,000	-16,000	-145.5%
Northeast home heating oil reserve.....	8,000	8,000	5,000	-3,000	-37.5%
Energy information administration.....	78,437	80,111	80,111	—	—
Clean coal technology.....	41,990	40,000	—	-40,000	-100.0%
Total, Discretionary Funding.....	21,317,255	22,063,938	23,375,204	+1,311,266	+5.9%
<i>(Defense (050) function, non-add).....</i>	<i>(14,752,766)</i>	<i>(15,491,418)</i>	<i>(16,604,193)</i>	<i>(+1,112,775)</i>	<i>(+7.2%)</i>
<i>(Science (250) function, non-add).....</i>	<i>(3,309,452)</i>	<i>(3,263,876)</i>	<i>(3,310,935)</i>	<i>(+47,059)</i>	<i>(+1.4%)</i>
<i>(Energy (270) function, non-add).....</i>	<i>(3,255,037)</i>	<i>(3,308,644)</i>	<i>(3,460,076)</i>	<i>(+151,432)</i>	<i>(+4.6%)</i>

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Mandatory Funding

Bonneville power administration					
New borrowing authority.....	390,000	281,000	210,000	-71,000	-25.3%
Transfer to the corps.....	-127,000	—	—	—	—
Contract authority.....	235,000	—	—	—	—
Spending authority from offsetting collections.....	3,287,000	3,586,982	3,879,000	+292,018	+8.1%
Offsetting collections.....	-3,739,000	-3,896,982	-4,100,000	-203,018	-5.2%
Change in uncollected customer payments.....	144,000	—	—	—	—
Total, Bonneville power administration.....	190,000	-29,000	-11,000	+18,000	+62.1%
Southeastern power continuing fund.....					
Payments to states.....	9,515	—	—	—	—
	2,782	2,700	2,700	—	—
Deductions for offsetting receipts					
Intrafund transaction - earnings on investments					
Nuclear waste disposal fund.....	-1,598,412	-732,000	-794,000	-62,000	-8.5%
Decontamination and decommissioning fund.....	-153,054	-136,000	-153,902	-17,902	-13.2%
Total, Intrafund transactions.....	-1,751,466	-868,000	-947,902	-79,902	-9.2%
Proprietary receipts from the public					
Oil and gas sale proceeds at the NPRs.....	-6,835	-7,228	-6,927	+301	+4.2%
Nuclear waste fund.....	-712,226	-736,000	-743,000	-7,000	-1.0%
Power marketing administrations					
Bonneville power administration					
Repayments on misc recoverable costs.....	-61,961	-35,150	-31,000	+4,150	+11.8%
Sale of electric energy, reclamation fund.....	-31,442	-51,000	-31,000	+20,000	+39.2%
Total, Bonneville power administration.....	-93,403	-86,150	-62,000	+24,150	+28.0%
Southeastern power administration.....	-93,910	-198,206	-179,825	+18,381	+9.3%
Southeastern power continuing fund.....	-9,515	—	—	—	—
Southwestern power administration.....	-89,330	-89,800	-91,932	-2,132	-2.4%
Southwestern power continuing fund.....	-238	—	—	—	—
Western area power administration					
Sale of power & other utilities					
Reclamation fund.....	-244,886	-219,210	-189,050	+30,160	+13.8%
Not otherwise classified.....	-57,096	-42,500	-42,500	—	—
Total, Sale of power & other utilities.....	-301,982	-261,710	-231,550	+30,160	+11.5%
Falcon & Amistad					
Falcon dam.....	-2,416	-2,064	-2,465	-401	-19.4%
Falcon & Amistad O&M fund.....	-2,121	-2,734	-2,640	+94	+3.4%
Total, Falcon & Amistad.....	-4,537	-4,798	-5,105	-307	-6.4%
Total, Western area power administration.....	-306,519	-266,508	-236,655	+29,853	+11.2%
Total, Power marketing administrations.....	-592,915	-640,664	-570,412	+70,252	+11.0%
Total, Proprietary receipts from the public.....	-1,311,976	-1,383,892	-1,320,339	+63,553	+4.6%
Total, Deductions for offsetting receipts.....	-3,063,442	-2,251,892	-2,268,241	-16,349	-0.7%
Total, Mandatory Funding.....	-2,861,145	-2,278,192	-2,276,541	+1,651	+0.1%
Total, Department Of Energy.....	18,456,110	19,785,746	21,098,663	+1,312,917	+6.6%

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Energy Supply

Energy Efficiency and Renewable Energy

Hydrogen technology.....	28,892	39,881	87,982	+48,101	+120.6%
Solar energy.....	87,107	79,625	79,693	+68	+0.1%
Zero energy buildings.....	1,367	8,000	4,000	-4,000	-50.0%
Wind energy.....	38,211	44,000	41,600	-2,400	-5.5%
Hydropower.....	4,986	7,489	7,489	—	—
Geothermal technology.....	27,035	26,500	25,500	-1,000	-3.8%
Biomass and biorefinery systems R&D.....	87,683	86,005	69,750	-16,255	-18.9%
Intergovernmental activities.....	5,680	14,807	12,500	-2,307	-15.6%
Electricity reliability.....	76,764	76,506	76,866	+360	+0.5%
Departmental energy management program.....	1,421	3,000	2,300	-700	-23.3%
National climate change technology initiative.....	—	—	15,000	+15,000	n/a

Facilities and infrastructure

National renewable energy laboratory

Operation and maintenance.....	4,070	4,200	4,200	—	—
Construction					
02-E-001 Plant engineering and design					
National renewable energy laboratory					
Golden, CO.....	800	800	—	-800	-100.0%
Total, National renewable energy laboratory.....	4,870	5,000	4,200	-800	-16.0%

Oak Ridge national laboratory

Construction

04-E-TBD Plant engineering and design					
Energy Efficiency reliability and efficiency					
laboratory.....	—	—	750	+750	n/a
Total, Construction.....	—	—	750	+750	n/a
Total, Oak Ridge national laboratory.....	—	—	750	+750	n/a
Total, Facilities and infrastructure.....	4,870	5,000	4,950	-50	-1.0%

Program direction.....	18,673	16,187	16,577	+390	+2.4%
Total, Energy Efficiency and Renewable Energy.....	382,689	407,000	444,207	+37,207	+9.1%

Nuclear Energy

University reactor fuel assistance and support.....	17,500	17,500	18,500	+1,000	+5.7%
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Research and development

Nuclear energy plant optimization.....	6,293	—	—	—	—
Nuclear energy research initiative.....	31,081	25,000	12,000	-13,000	-52.0%
Nuclear energy technologies.....	11,867	46,500	48,000	+1,500	+3.2%
Nuclear generation security.....	—	—	—	—	—
Nuclear hydrogen initiative.....	—	—	4,000	+4,000	n/a
Advanced fuel cycle initiative.....	77,219	18,221	63,025	+44,804	+245.9%
Total, Research and development.....	126,460	89,721	127,025	+37,304	+41.6%

Infrastructure

Radiological facilities management

Space and defense infrastructure.....	28,365	26,450	36,230	+9,780	+37.0%
Medical isotopes infrastructure.....	28,074	26,009	26,425	+416	+1.6%
Construction:					
99-E-201 Isotope production facility, LANL.....	2,494	1,721	—	-1,721	-100.0%
Total, Radiological facilities management.....	58,933	54,180	62,655	+8,475	+15.6%

Department of Energy
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Idaho facilities management					
ANL-West operations.....	34,857	31,615	31,615	—	—
INEEL infrastructure					
INEEL infrastructure O&M.....	26,982	34,470	31,605	-2,865	-8.3%
<i>(Defense (050) function, non-add)</i>	(19,699)	(25,655)	(21,415)	(-4,240)	(-16.5%)
<i>(Defense (270) function, non-add)</i>	(7,283)	(8,815)	(10,190)	(+1,375)	(+15.6%)
Construction:					
99-E-200 Test reactor area electrical utility upgrade, Idaho National Engineering Laboratory, ID.....	950	1,840	1,840	—	—
95-E-201 Test reactor area fire and life safety improvements, Idaho National Engineering Laboratory, ID.....	500	500	500	—	—
Total, Construction.....	1,450	2,340	2,340	—	—
Total, INEEL infrastructure.....	28,432	36,810	33,945	-2,865	-7.8%
Total, Idaho facilities management.....	63,289	68,425	65,560	-2,865	-4.2%
Idaho sitewide safeguards and security.....	43,759	43,218	56,654	+13,436	+31.1%
Total, Infrastructure.....	165,981	165,823	184,869	+19,046	+11.5%
Program direction.....	57,237	56,834	60,207	+3,373	+5.9%
<i>(Defense (050) function, non-add)</i>	(34,734)	(33,935)	(35,407)	(+1,472)	(+4.3%)
<i>(Energy (270) function, non-add)</i>	(22,503)	(22,899)	(24,800)	(+1,901)	(+8.3%)
Total, Nuclear Energy.....	367,178	329,878	390,601	+60,723	+18.4%
<i>Defense (050) function (non-add)</i>	(98,192)	(102,808)	(113,476)	(+10,668)	(+10.4%)
<i>Energy (270) function (non-add)</i>	(268,986)	(227,070)	(277,125)	(+50,055)	(+22.0%)
Environment, Safety and Health					
Office of environment, safety and health (non-defense).....	9,391	10,340	10,000	-340	-3.3%
Program direction.....	20,288	18,871	20,000	+1,129	+6.0%
Total, Environment, Safety and Health.....	29,679	29,211	30,000	+789	+2.7%
Subtotal, Energy Supply.....	779,546	766,089	864,808	+98,719	+12.9%
Adjustments:					
Use of prior year balances.....	-818	—	—	—	—
Less security charge for reimbursable work (NE).....	-3,464	-3,003	-3,003	—	—
Total, Adjustments.....	-4,282	-3,003	-3,003	—	—
Total, Energy Supply.....	775,264	763,086	861,805	+98,719	+12.9%
<i>Defense (050) function (non-add)</i>	(94,728)	(99,805)	(110,473)	(+10,668)	(+10.7%)
<i>Energy (270) function (non-add)</i>	(680,536)	(663,281)	(751,332)	(+88,051)	(+13.3%)

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Non-Defense Site Acceleration Completion
(was Non-Defense Environmental Management)

2006 Accelerated completions.....	110,430	53,979	48,677	-5,302	-9.8%
2012 Accelerated completions.....	80,692	111,826	119,750	+7,924	+7.1%
2035 Accelerated completions.....	3,400	1,776	2,448	+672	+37.8%
Total, Non-Defense Site Acceleration Completion.....	194,522	167,581	170,875	+3,294	+2.0%

**Uranium Enrichment Decontamination And
Decommissioning Fund**

Decontamination and decommissioning.....	307,517	297,489	367,124	+69,635	+23.4%
Uranium/thorium reimbursement.....	1,000	1,000	51,000	+50,000	+5000%
Use of prior year balances.....	-3,000	—	—	—	—
Total, Uranium Enrichment D&D Fund.....	305,517	298,489	418,124	+119,635	+40.1%

Non-Defense Environmental Services
(was Uranium Facilities Maintenance and Remediation)

Community and regulatory support.....	5,442	3,079	1,034	-2,045	-66.4%
Environmental cleanup projects.....	36,439	36,100	43,842	+7,742	+21.4%
Non-closure environmental activities					
Operation and maintenance.....	96,359	123,791	160,445	+36,654	+29.6%
Construction:					
02-D-101 Depleted uranium hexafluoride conversion project, various locations.....	10,000	10,000	86,800	+76,800	+768.0%
Total, Non-closure environmental activities.....	106,359	133,791	247,245	+113,454	+84.8%
Total, Non-Defense Environmental Services.....	148,240	172,970	292,121	+119,151	+68.9%

Science

High energy physics					
Proton accelerator-based physics.....	388,117	387,886	399,494	+11,608	+3.0%
Electron accelerator-based physics.....	148,232	150,148	159,486	+9,338	+6.2%
Non-accelerator physics.....	39,115	37,420	43,000	+5,580	+14.9%
Theoretical physics.....	43,005	42,490	42,256	-234	-0.6%
Advanced technology R&D.....	67,514	86,953	81,242	-5,711	-6.6%
Construction:					
98-G-304 Neutrinos at the main injector, Fermilab.....	11,400	20,093	12,500	-7,593	-37.8%
Total, High energy physics.....	697,383	724,990	737,978	+12,988	+1.8%
Nuclear physics					
Operation and maintenance.....	350,589	382,370	389,430	+7,060	+1.8%
Biological and environmental research					
Research.....	542,720	484,215	499,535	+15,320	+3.2%
Construction:					
01-E-300 Laboratory for comparative and functional genomics, ORNL.....	11,405	—	—	—	—
Total, Biological and environmental research.....	554,125	484,215	499,535	+15,320	+3.2%

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Basic energy sciences					
Research					
Materials sciences and engineering research.....	500,033	547,577	567,711	+20,134	+3.7%
Chemical sciences, geosciences and energy biosciences.....	200,227	220,015	220,914	+899	+0.4%
Total, Research.....	700,260	767,592	788,625	+21,033	+2.7%
Construction:					
04-R-313 Nanoscale science research center - the molecular foundry.....	—	—	35,000	+35,000	n/a
04-R-314 Nanoscale science research center - the center for integrated nontechnologies, SNL/LASL.....	—	—	29,850	+29,850	n/a
03-SC-002 Project engineering and design (PED) SLAC.....	—	6,000	7,500	+1,500	+25.0%
03-R-312 Center for nanophase materials sciences, ORNL.....	—	24,000	20,000	-4,000	-16.7%
02-SC-002 Project engineering and design, (PED) various locations.....	3,000	11,000	3,000	-8,000	-72.7%
99-E-334 Spallation neutron source, ORNL.....	276,300	210,571	124,600	-85,971	-40.8%
Total, Construction.....	279,300	251,571	219,950	-31,621	-12.6%
Total, Basic energy sciences.....	979,560	1,019,163	1,008,575	-10,588	-1.0%
Advanced scientific computing research.....	150,205	166,557	173,490	+6,933	+4.2%
Science laboratories infrastructure					
Infrastructure support.....	895	1,020	1,520	+500	+49.0%
Oak Ridge landlord.....	4,474	5,079	5,079	—	—
Excess facilities disposal.....	9,960	5,055	5,055	—	—
Construction					
04-SC-001 PED, various locations.....	—	—	2,000	+2,000	n/a
03-SC-001 Science laboratories infrastructure project engineering and design, (PED), various locations.....	—	3,355	—	-3,355	-100.0%
MEL-001 Multiprogram energy laboratory infrastructure projects, various locations.....	18,613	28,226	29,936	+1,710	+6.1%
02-SC-001 Multiprogram energy laboratories, project engineering design, various locations.....	3,183	—	—	—	—
Total, Construction.....	21,796	31,581	31,936	+355	+1.1%
Total, Science laboratories infrastructure.....	37,125	42,735	43,590	+855	+2.0%
Fusion energy sciences program.....	241,100	257,310	257,310	—	—
Safeguards and security.....	50,230	48,127	48,127	—	—

Department of Energy
FY 2004 Statistical Table by Appropriation
(dollars in thousands - OMB Scoring)

	FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
Program direction					
Field offices.....	89,591	72,403	83,802	+11,399	+15.7%
Headquarters.....	51,345	55,984	58,217	+2,233	+4.0%
Technical information management program.....	7,563	7,925	7,774	-151	-1.9%
Energy research analyses.....	968	1,020	1,020	—	—
Total, Program direction.....	149,467	137,332	150,813	+13,481	+9.8%
Workforce development for teachers and scientists.....	4,460	5,460	6,470	+1,010	+18.5%
Small business innovation research (SBIR).....	99,668	—	—	—	—
Subtotal, Science.....	3,313,912	3,268,259	3,315,318	+47,059	+1.4%
Less security charge for reimbursable work.....	-4,460	-4,383	-4,383	—	—
Total, Science.....	3,309,452	3,263,876	3,310,935	+47,059	+1.4%
Nuclear Waste Disposal					
Nuclear waste disposal fund					
Repository program.....	39,000	212,813	85,830	-126,983	-59.7%
Program direction.....	55,916	62,989	75,170	+12,181	+19.3%
Total, Nuclear Waste Disposal.....	94,916	275,802	161,000	-114,802	-41.6%
Departmental Administration					
Administrative operations:					
Salaries and expenses:					
Office of the Secretary.....	4,679	4,624	4,624	—	—
Board of contract appeals.....	907	740	653	-87	-11.8%
Chief information officer.....	28,808	29,566	42,214	+12,648	+42.8%
Congressional & intergovernmental affairs.....	4,823	4,931	4,724	-207	-4.2%
Economic impact and diversity.....	4,967	5,093	4,701	-392	-7.7%
General counsel.....	22,603	22,713	22,879	+166	+0.7%
Management, budget and evaluation.....	107,223	106,056	104,210	-1,846	-1.7%
Policy and International Affairs.....	14,979	16,752	17,777	+1,025	+6.1%
Public affairs.....	3,875	4,510	4,465	-45	-1.0%
Total, Salaries and expenses.....	192,864	194,985	206,247	+11,262	+5.8%
Program support					
Minority economic impact.....	1,200	1,400	1,400	—	—
Policy analysis and systems studies.....	400	800	1,000	+200	+25.0%
Energy security and assurance.....	—	2,000	2,000	—	—
Environmental policy studies.....	600	1,200	1,500	+300	+25.0%
Cybersecurity and secure communications.....	28,821	30,441	26,432	-4,009	-13.2%
Corporate management information program.....	14,995	20,420	37,632	+17,212	+84.3%
Total, Program support.....	46,016	56,261	69,964	+13,703	+24.4%
Total, Administrative operations.....	238,880	251,246	276,211	+24,965	+9.9%
Cost of work for others.....	71,837	69,916	75,095	+5,179	+7.4%
Adjustments:					
Use of prior year balances and other adjustments.....	-11,286	—	—	—	—
Funding from other defense activities.....	-22,000	-25,587	-25,000	+587	+2.3%
Total, Adjustments.....	-33,286	-25,587	-25,000	+587	+2.3%
Total, Departmental Administration (gross).....	277,431	295,575	326,306	+30,731	+10.4%
Miscellaneous revenues.....	-122,830	-137,524	-146,668	-9,144	-6.6%
Total, Departmental Administration (Net).....	154,601	158,051	179,638	+21,587	+13.7%

Department of Energy
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	FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
Office Of The Inspector General					
Office of inspector general.....	32,405	37,671	39,462	+1,791	+4.8%
Weapons Activities					
Directed stockpile work					
Stockpile research and development.....	312,514	425,669	433,150	+7,481	+1.8%
Stockpile maintenance.....	347,543	411,200	405,746	-5,454	-1.3%
Stockpile evaluation.....	170,444	186,061	202,885	+16,824	+9.0%
Dismantlement/disposal.....	23,752	24,801	37,722	+12,921	+52.1%
Production support.....	248,264	246,324	278,113	+31,789	+12.9%
Field engineering, training and manuals.....	6,270	6,893	7,170	+277	+4.0%
Total, Directed stockpile work.....	1,108,787	1,300,948	1,364,786	+63,838	+4.9%
Campaigns					
Science campaigns					
Primary certification.....	50,572	47,159	65,849	+18,690	+39.6%
Dynamic materials properties.....	90,032	87,594	82,251	-5,343	-6.1%
Advanced radiography					
Operations and maintenance.....	75,577	52,925	65,985	+13,060	+24.7%
Secondary certification and nuclear systems margins.....					
	40,885	46,746	55,463	+8,717	+18.6%
Total, Science campaigns.....	257,066	234,424	269,548	+35,124	+15.0%
Engineering campaigns					
Enhanced surety.....	32,086	37,713	37,974	+261	+0.7%
Weapons system engineering certification.....	25,595	27,007	28,238	+1,231	+4.6%
Nuclear survivability.....	21,902	23,394	23,977	+583	+2.5%
Enhanced surveillance.....	73,280	77,155	94,781	+17,626	+22.8%
Advanced design and production technologies.....	68,225	74,141	79,917	+5,776	+7.8%
Engineering campaigns construction activities					
Operations and maintenance.....	3,600	4,200	4,500	+300	+7.1%
Construction:					
01-D-108 Microsystem and engineering science applications (MESA), SNL, Albuquerque, NM.....	63,500	75,000	61,800	-13,200	-17.6%
Total, Engineering campaigns construction activities.....	67,100	79,200	66,300	-12,900	-16.3%
Total, Engineering campaigns.....	288,188	318,610	331,187	+12,577	+3.9%
Inertial confinement fusion and high yield campaign					
campaign					
Operations and maintenance.....	261,773	238,792	316,769	+77,977	+32.7%
Construction:					
96-D-111 National ignition facility (NIF), LLNL, Livermore, CA.....	245,000	214,045	150,000	-64,045	-29.9%
Total, Inertial confinement fusion and high yield campaign.....	506,773	452,837	466,769	+13,932	+3.1%
Advanced simulation and computing campaign					
Operations and maintenance.....	660,056	669,527	713,326	+43,799	+6.5%
Construction:					
01-D-101 Distributed information systems laboratory, SNL, Livermore, CA.....	8,400	13,305	12,300	-1,005	-7.6%

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	FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
00-D-103, Terascale simulation facility, LLNL, Livermore, CA.....	22,000	35,030	25,000	-10,030	-28.6%
00-D-107 Joint computational engineering laboratory, SNL, Albuquerque, NM.....	13,377	7,000	—	-7,000	-100.0%
Total, Construction.....	43,777	55,335	37,300	-18,035	-32.6%
Total, Advanced simulation and computing.....	703,833	724,862	750,626	+25,764	+3.6%
Pit manufacturing and certification campaign.....	248,961	235,964	320,228	+84,264	+35.7%
Readiness campaigns					
Stockpile readiness.....	26,318	38,659	55,158	+16,499	+42.7%
High explosives manufacturing and weapons assembly/disassembly readiness.....	6,688	12,093	29,649	+17,556	+145.2%
Non-nuclear readiness.....	17,768	22,398	37,397	+14,999	+67.0%
Materials readiness.....	1,172	—	—	—	—
Tritium readiness					
Operations and maintenance.....	45,517	56,134	59,893	+3,759	+6.7%
Construction:					
98-D-125 Tritium extraction facility, Savannah River Site, Aiken, SC.....	81,125	70,165	75,000	+4,835	+6.9%
98-D-126 Accelerator production of tritium (APT), various locations.....	5,847	—	—	—	—
Total, Construction.....	86,972	70,165	75,000	+4,835	+6.9%
Total, Tritium readiness.....	132,489	126,299	134,893	+8,594	+6.8%
Total, Readiness campaigns.....	184,435	199,449	257,097	+57,648	+28.9%
Total, Campaigns.....	2,189,256	2,166,146	2,395,455	+229,309	+10.6%
Readiness in technical base and facilities					
Operations of facilities.....	896,254	933,893	972,773	+38,880	+4.2%
Program readiness.....	97,973	120,411	131,093	+10,682	+8.9%
Special projects.....	35,896	37,744	42,975	+5,231	+13.9%
Material recycle and recovery.....	92,826	98,816	76,189	-22,627	-22.9%
Containers.....	9,957	17,721	16,006	-1,715	-9.7%
Storage.....	7,652	14,593	11,365	-3,228	-22.1%
Nuclear weapons incident response.....	102,138	83,755	89,694	+5,939	+7.1%
Subtotal, Readiness in technical base and facilities.....	1,242,696	1,306,933	1,340,095	+33,162	+2.5%
Construction:					
04-D-101 Test capabilities revitalization, Sandia National Laboratories, Albuquerque, NM.....	—	—	36,450	+36,450	n/a
04-D-102 Exterior communications infrastructure modernization, Sandia National Laboratories Albuquerque, NM.....	—	—	20,000	+20,000	n/a
04-D-103 Project engineering and design, (PED) various locations.....	—	—	2,000	+2,000	n/a

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	FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
04-D-104 National security sciences building Los Alamos National Laboratory, Los Alamos, NM.....	—	—	50,000	+50,000	n/a
04-D-125 Chemistry and metallurgy facility replacement project, Los Alamos National Laboratory, Los Alamos, NM.....	—	—	20,500	+20,500	n/a
04-D-126 Building 12-44 production cells upgrade, Pantex plant, Amarillo, TX.....	—	—	8,780	+8,780	n/a
04-D-127 Cleaning and loading modifications Savannah River site, Aiken, SC.....	—	—	2,750	+2,750	n/a
04-D-128 TA-18 Mission relocation project Los Alamos National Laboratory, Los Alamos, NM.....	—	—	8,820	+8,820	n/a
03-D-101 Sandia underground reactor facility Sandia National Laboratories, Albuquerque, NM.....	—	2,000	—	-2,000	-100.0%
03-D-102 SM-43 Replacement, Los Alamos National Laboratory, Los Alamos, NM.....	—	15,539	10,570	-4,969	-32.0%
03-D-121 Gas transfer capacity expansion, Kansas City Plant, Kansas City, MO.....	—	4,000	15,300	+11,300	+282.5%
03-D-122 Purification facility, Y-12 plant, Oak Ridge, TN.....	—	20,800	—	-20,800	-100.0%
03-D-123 Special nuclear materials component requalification facility, Pantex plant, Amarillo, TX.....	—	3,000	7,628	+4,628	+154.3%
02-D-103 Project engineering and design, various locations.....	17,542	27,245	10,950	-16,295	-59.8%
02-D-105 Engineering technology complex upgrade (ETCU), LLNL, Livermore, CA.....	4,674	10,000	9,776	-224	-2.2%
02-D-107 Electrical power systems safety communications and bus upgrades, Nevada Test Site.....	3,451	7,500	2,887	-4,613	-61.5%
01-D-103 Project engineering and design (PED) various locations.....	19,389	6,164	1,600	-4,564	-74.0%
01-D-107 Atlas relocation and operations Nevada Test Site, NV.....	3,300	4,123	—	-4,123	-100.0%
01-D-124 HEU storage facility, Y-12 plant, Oak Ridge, TN.....	—	25,000	45,000	+20,000	+80.0%
01-D-126 Weapons Evaluation Test Laboratory Pantex Plant, Amarillo, TX.....	7,700	8,650	2,838	-5,812	-67.2%

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	FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
01-D-800 Sensitive compartmented information facility, LLNL, CA.....	12,993	9,611	—	-9,611	-100.0%
99-D-103 Isotope sciences facilities, LLNL, Livermore, CA.....	4,400	4,011	—	-4,011	-100.0%
99-D-104 Protection of real property (roof reconstruction-Phase II), LLNL, Livermore, CA.....	2,800	5,915	3,500	-2,415	-40.8%
99-D-106 Model validation & system certification center, SNL, Albuquerque, NM.....	4,955	—	—	—	—
99-D-125 Replace boilers & controls, Kansas City plant, Kansas City, MO.....	300	—	—	—	—
99-D-127 Stockpile management restructuring initiative, Kansas City plant, Kansas City, MO.....	22,200	29,900	12,475	-17,425	-58.3%
99-D-128 Stockpile management restructuring initiative, Pantex plant, Amarillo, TX.....	3,300	407	—	-407	-100.0%
98-D-123 Stockpile management restructuring initiative, Tritium factory modernization and consolidation, Savannah River site, SC.....	13,700	10,481	—	-10,481	-100.0%
98-D-124 Stockpile management restructuring initiative, Y-12 plant, Oak Ridge, TN.....	6,694	—	—	—	—
97-D-123 Structural upgrades, Kansas City plant, Kansas City, MO.....	2,817	—	—	—	—
96-D-102 Stockpile stewardship facilities revitalization, Phase VI, various locations.....	2,900	1,000	1,552	+552	+55.2%
90-D-124 High explosive synthesis facility, Pantex plant, Amarillo, TX.....	417	—	—	—	—
88-D-125 HE machining facility, PX.....	586	—	—	—	—
Total, Construction.....	134,118	195,346	273,376	+78,030	+39.9%
Total, Readiness in technical base and facilities.....	1,376,814	1,502,279	1,613,471	+111,192	+7.4%
Facilities and infrastructure recapitalization program					
Operation and maintenance.....	196,550	242,512	261,404	+18,892	+7.8%
Construction					
04-D-203 Facilities and infrastructure recapitalization program (FIRP), project engineering design (PED), various locations.....	—	—	3,719	+3,719	n/a
Total, Facilities and infrastructure recapitalization program.....	196,550	242,512	265,123	+22,611	+9.3%

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	FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
Secure transportation asset					
Operations and equipment.....	114,497	100,863	123,605	+22,742	+22.5%
Program direction.....	44,210	52,126	58,795	+6,669	+12.8%
Total, Secure transportation asset.....	158,707	152,989	182,400	+29,411	+19.2%
Safeguards and security					
Operations and maintenance.....	544,836	501,054	582,067	+81,013	+16.2%
Construction:					
99-D-132 Nuclear material safeguards and security upgrade project, LANL, Los Alamos, NM.....	9,600	8,900	3,683	-5,217	-58.6%
Total, Safeguards and security.....	554,436	509,954	585,750	+75,796	+14.9%
Subtotal, Weapons Activities.....	5,584,550	5,874,828	6,406,985	+532,157	+9.1%
Adjustments					
Use of prior year balances.....	-13,387	—	—	—	—
Less security charge for reimbursable work.....	-28,985	-28,985	-28,985	—	—
Total, Adjustments.....	-42,372	-28,985	-28,985	—	—
Total, Weapons Activities.....	5,542,178	5,845,843	6,378,000	+532,157	+9.1%
Defense Nuclear Nonproliferation					
Nonproliferation and verification R&D					
Operation and maintenance.....	223,601	203,807	203,873	+66	+0.0%
Construction:					
00-D-192 Nonproliferation and international security center (NISC), LANL.....	35,806	—	—	—	—
Total, Nonproliferation & verification R&D.....	259,407	203,807	203,873	+66	+0.0%
Nonproliferation and international security.....	90,646	92,668	101,734	+9,066	+9.8%
Nonproliferation programs with Russia					
International nuclear materials protection and cooperation.....	314,592	227,077	226,000	-1,077	-0.5%
Russian transition initiatives.....	57,000	39,334	40,000	+666	+1.7%
HEU transparency implementation.....	13,950	17,229	18,000	+771	+4.5%
International nuclear safety and cooperation.....	53,961	14,576	14,083	-493	-3.4%
Elimination of weapons-grade plutonium production program.....	14,200	49,339	50,000	+661	+1.3%
Accelerated materials disposition.....	—	—	30,000	+30,000	n/a
Fissile materials disposition					
U S surplus materials disposition.....	134,938	194,000	193,805	-195	-0.1%
Russian surplus materials disposition.....	60,936	98,000	47,100	-50,900	-51.9%
Construction:					
01-D-407 Highly enriched uranium (HEU) blend down, Savannah River, SC.....	29,340	30,000	—	-30,000	-100.0%
99-D-141 Pit disassembly and conversion facility, Savannah River, SC.....	11,000	33,000	13,600	-19,400	-58.8%

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	FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
99-D-143 Mixed oxide fuel fabrication facility, Savannah River, SC.....	65,993	93,000	402,000	+309,000	+332.3%
Total, Construction.....	106,333	156,000	415,600	+259,600	+166.4%
Program direction.....	—	—	—	—	—
Total, Fissile materials disposition.....	302,207	448,000	656,505	+208,505	+46.5%
Total, Nonproliferation programs with Russia.....	755,910	795,555	1,034,588	+239,033	+30.0%
Return of domestic sealed sources.....	10,000	—	—	—	—
Subtotal, Defense Nuclear Nonproliferation.....	1,115,963	1,092,030	1,340,195	+248,165	+22.7%
Adjustments:					
Use of prior year balances.....	-57,833	-64,000	—	+64,000	+100.0%
International renewable energy program.....	300	—	—	—	—
Total, Adjustments.....	-57,533	-64,000	—	+64,000	+100.0%
Total, Defense Nuclear Nonproliferation.....	1,058,430	1,028,030	1,340,195	+312,165	+30.4%
Naval Reactors					
Naval reactors development					
Operation and maintenance.....	652,245	671,290	724,600	+53,310	+7.9%
Construction:					
03-D-201 Cleanroom technology facility.....	—	7,200	300	-6,900	-95.8%
01-D-200 Major office replacement building, Schenectady, NY.....	9,000	2,100	—	-2,100	-100.0%
90-N-102 Expended core facility dry cell project, Naval Reactors Facility, ID.....	4,200	2,000	18,300	+16,300	+815.0%
Total, Construction.....	13,200	11,300	18,600	+7,300	+64.6%
Total, Naval reactors development.....	665,445	682,590	743,200	+60,610	+8.9%
Program direction.....	22,126	24,200	25,200	+1,000	+4.1%
Total, Naval Reactors.....	687,571	706,790	768,400	+61,610	+8.7%
Office Of The Administrator					
Office of the administrator.....	307,418	328,726	347,980	+19,254	+5.9%

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Defense Site Acceleration Completion
(was Defense Facilities Closure Projects)

2006 Accelerated completions.....	1,207,401	1,231,911	1,245,171	+13,260	+1.1%
2012 Accelerated Completions					
Operation and maintenance.....	1,407,383	1,500,969	1,512,554	+11,585	+0.8%
Construction:					
04-D-414 Project engineering and design, various locations.....	—	—	23,500	+23,500	n/a
04-D-423 3013 container surveillance capability in 235-F, SR.....	—	—	1,134	+1,134	n/a
02-D-402 Cathodic protection system expansion, ID.....	2,802	1,119	1,126	+7	+0.6%
01-D-414 Project engineering and design, Cathodic protection system expansion, ID.....	104	—	—	—	—
01-D-416 Waste treatment and immobilization plant, RL.....	665,000	690,000	690,000	—	—
Total, Construction.....	667,906	691,119	715,760	+24,641	+3.6%
Total, 2012 Accelerated Completions.....	2,075,289	2,192,088	2,228,314	+36,226	+1.7%
2035 Accelerated Completions					
Operation and maintenance.....	1,627,631	1,868,911	1,892,884	+23,973	+1.3%
Construction:					
04-D-408 Glass waste storage building #2, SR.....	—	—	20,259	+20,259	n/a
03-D-403 Immobilized HLW interim storage facility, RL.....	—	6,363	13,954	+7,591	+119.3%
03-D-414 Project engineering and design, various locations.....	—	8,800	51,500	+42,700	+485.2%
Total, Construction.....	—	15,163	85,713	+70,550	+465.3%
Total, 2035 Accelerated Completions.....	1,627,631	1,884,074	1,978,597	+94,523	+5.0%
Safeguards and security.....	244,361	221,614	299,977	+78,363	+35.4%
Technology development and deployment.....	200,189	92,000	63,920	-28,080	-30.5%
Subtotal, Defense Site Acceleration Completion.....	5,354,871	5,621,687	5,815,979	+194,292	+3.5%
Use of prior year balances.....	-67,580	—	—	—	—
Dupont pension refund.....	-5,099	—	—	—	—
Less security charge for reimbursable work.....	-1,547	-1,344	-1,344	—	—
Total, Defense Site Acceleration Completion.....	5,280,645	5,620,343	5,814,635	+194,292	+3.5%

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FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
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Defense Environmental Services

(was Defense Environmental Management Privatization)

Community and regulatory support.....	66,222	66,151	61,337	-4,814	-7.3%
Federal contribution to the uranium enrichment.....	420,000	442,000	452,000	+10,000	+2.3%
Non-closure environmental activities					
Operation and maintenance.....	234,442	254,646	189,698	-64,948	-25.5%
Construction:					
01-D-414 Project engineering design, immobilized					
HLW interim storage facility, RL.....	3,041	5,125	—	-5,125	-100.0%
Total, Non-closure environmental activities.....	237,483	259,771	189,698	-70,073	-27.0%
Program direction.....	301,422	292,491	292,144	-347	-0.1%
Subtotal, Defense Environmental Services.....	1,025,127	1,060,413	995,179	-65,234	-6.2%
Use of prior year balances.....	—	—	—	—	—
Total, Defense Environmental Services.....	1,025,127	1,060,413	995,179	-65,234	-6.2%

Other Defense Activities

Energy security and assurance					
Energy security.....	6,000	—	—	—	—
Program direction.....	1,275	4,275	4,272	-3	-0.1%
Total, Energy security and assurance.....	7,275	4,275	4,272	-3	-0.1%
Office of Security					
Nuclear safeguards and security.....	93,218	98,784	104,713	+5,929	+6.0%
Security investigations.....	44,927	45,870	54,554	+8,684	+18.9%
Program direction.....	50,286	52,046	52,490	+444	+0.9%
Total, Office of Security.....	188,431	196,700	211,757	+15,057	+7.7%
Intelligence	43,217	43,691	39,823	-3,868	-8.9%
Counterintelligence.....	45,958	45,955	45,955	—	—
Independent oversight and performance assurance.....	22,184	22,430	22,575	+145	+0.6%
Environment, safety & health					
Environment, safety and health (defense).....	97,138	87,278	87,276	-2	-0.0%
Program direction.....	22,294	20,750	20,410	-340	-1.6%
Total, Environment, safety and health.....	119,432	108,028	107,686	-342	-0.3%
Worker and community transition					
Worker and community transition.....	18,000	22,965	12,321	-10,644	-46.3%
Program direction.....	1,997	2,718	2,679	-39	-1.4%
Total, Worker and community transition.....	19,997	25,683	15,000	-10,683	-41.6%
Office of Legacy Management					
Office of Legacy Management.....	54,433	44,752	47,525	+2,773	+6.2%
<i>(Defense (050) function, non-add)</i>	<i>(24,448)</i>	<i>(18,598)</i>	<i>(19,178)</i>	<i>(+580)</i>	<i>(+3.1%)</i>
<i>(Energy (270) function, non-add)</i>	<i>(29,985)</i>	<i>(26,154)</i>	<i>(28,347)</i>	<i>(+2,193)</i>	<i>(+8.4%)</i>
Total, Office of Legacy Management.....	54,433	44,752	47,525	+2,773	+6.2%
National security programs administrative support.....	22,000	25,587	25,000	-587	-2.3%
Office of hearings and appeals.....	2,890	2,933	3,797	+864	+29.5%
Subtotal, Other defense activities.....	525,817	520,034	523,390	+3,356	+0.6%

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Adjustments:					
Use of prior year balances.....	-18,246	-6,700	—	+6,700	+100.0%
Less security charge for reimbursable work (SO).....	-712	-712	-712	—	—
Total, Adjustments.....	-18,958	-7,412	-712	+6,700	+90.4%
Total, Other Defense Activities.....	506,859	512,622	522,678	+10,056	+2.0%
<i>(Defense (050) function, non-add).....</i>	<i>(476,874)</i>	<i>(486,468)</i>	<i>(494,331)</i>	<i>(-5,000)</i>	<i>(n/a)</i>
<i>(Energy (270) function, non-add).....</i>	<i>(29,985)</i>	<i>(26,154)</i>	<i>(28,347)</i>	<i>(-5,000)</i>	<i>(n/a)</i>
Defense Nuclear Waste Disposal					
Defense nuclear waste disposal.....	279,795	315,000	430,000	+115,000	+36.5%
Cerro Grande Fire Activities					
	—	—	-75,000	-75,000	n/a
Power Marketing Administrations					
Southeastern Power Administration					
Purchase power and wheeling.....	34,463	20,000	15,000	-5,000	-25.0%
Program direction.....	4,887	4,606	5,100	+494	+10.7%
Subtotal, Southeastern Power Administration.....	39,350	24,606	20,100	-4,506	-18.3%
Use of prior year balances.....	—	-72	—	+72	+100.0%
Offsetting collections.....	-8,000	—	—	—	—
Offsetting collections (P L 106-377).....	-26,463	-20,000	-15,000	+5,000	+25.0%
Total, Southeastern Power Administration.....	4,887	4,534	5,100	+566	+12.5%
Southwestern Power Administration					
Operation maintenance.....	3,339	3,814	4,663	+849	+22.3%
Purchase power and wheeling.....	1,800	288	288	—	—
Program direction.....	18,649	17,933	19,205	+1,272	+7.1%
Construction.....	6,031	6,031	4,732	-1,299	-21.5%
Subtotal, Southwestern Power Administration.....	29,819	28,066	28,888	+822	+2.9%
Use of prior year balances.....	—	-400	—	+400	+100.0%
Offsetting collections.....	-1,512	—	—	—	—
Offsetting collections (P L 106-377).....	-288	-288	-288	—	—
Total, Southwestern Power Administration.....	28,019	27,378	28,600	+1,222	+4.5%
Western Area Power Administration					
Construction and rehabilitation.....	18,764	17,784	12,200	-5,584	-31.4%
System operation and maintenance.....	38,184	38,253	36,204	-2,049	-5.4%
Purchase power and wheeling.....	186,124	30,000	20,000	-10,000	-33.3%
Program direction.....	114,040	112,604	126,588	+13,984	+12.4%
Utah mitigation and conservation.....	6,000	—	—	—	—
Subtotal, Western Area Power Administration.....	363,112	198,641	194,992	-3,649	-1.8%
Use of prior year balances.....	—	-1,200	—	+1,200	+100.0%
Offsetting collections.....	-152,624	—	—	—	—
Offsetting collections (P L 106-377).....	-33,500	-30,000	-20,000	+10,000	+33.3%
Offsetting collections (P L 98-381).....	-5,148	-4,683	-3,992	+691	+14.8%
Total, Western Area Power Administration.....	171,840	162,758	171,000	+8,242	+5.1%
Falcon and Amistad Operating and Maintenance Fund					
Operation and maintenance.....	2,663	2,734	2,640	-94	-3.4%
Total, Power Marketing Administrations.....	207,409	197,404	207,340	+9,936	+5.0%

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Federal Energy Regulatory Commission					
Federal energy regulatory commission.....	184,155	192,000	199,400	+7,400	+3.9%
FERC revenues.....	-184,155	-192,000	-199,400	-7,400	-3.9%
Total, Federal Energy Regulatory Commission.....	—	—	—	—	—
Uranium Enrichment D&D Fund Discretionary Payments					
Transfer payment from Defense ER&WM.....	-420,000	-442,000	-452,000	-10,000	-2.3%
Fees And Recoveries, Federal Energy Regulatory Commission					
Fees & recoveries in excess of annual appropriations.....	—	-18,000	-18,000	—	—
Colorado River Basins Power Marketing Fund					
Spending authority from offsetting collections					
Equipment, contracts and other related expenses.....	202,259	371,421	153,471	-217,950	-58.7%
Program direction.....	35,427	38,373	40,090	+1,717	+4.5%
Total, Spending authority from offsetting collections.....	237,686	409,794	193,561	-216,233	-52.8%
Offsetting collections.....	-237,686	-431,794	-215,561	+216,233	+50.1%
Total, Colorado River Basins.....	—	-22,000	-22,000	—	—
Fossil Energy Research And Development					
Coal and other power systems					
President's Coal Research Initiative					
Clean coal power initiative.....	146,065	150,000	130,000	-20,000	-13.3%
Central systems					
Innovations for existing plants.....	22,973	21,200	22,000	+800	+3.8%
Advanced systems					
Integrated gasification combined cycle.....	41,990	40,650	51,000	+10,350	+25.5%
Pressurized fluidized bed systems.....	10,720	9,100	—	-9,100	-100.0%
Turbines.....	18,101	14,000	13,000	-1,000	-7.1%
Total, Advanced systems.....	70,811	63,750	64,000	+250	+0.4%
Total, Central systems.....	93,784	84,950	86,000	+1,050	+1.2%
Sequestration R&D					
Greenhouse gas control.....	31,486	44,000	62,000	+18,000	+40.9%
Fuels					
Transportation fuels and chemicals.....	25,002	5,000	5,000	—	—
Solid fuels and feedstocks.....	4,896	—	—	—	—
Advanced fuels research.....	3,916	—	—	—	—
Total, Fuels.....	33,814	5,000	5,000	—	—

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	FY 2002 Comparable Approp	FY 2003 Amended Request	FY 2004 Request to Congress	FY 2004 vs. FY 2003	
Advanced research					
Coal utilization science.....	6,354	8,000	9,000	+1,000	+12.5%
Materials.....	6,821	9,000	12,000	+3,000	+33.3%
Technology crosscut.....	10,750	9,150	9,500	+350	+3.8%
University coal research.....	2,922	4,000	5,000	+1,000	+25.0%
HBCUs, education and training.....	974	1,500	2,000	+500	+33.3%
Total, Advanced research.....	27,821	31,650	37,500	+5,850	+18.5%
Total, President's Coal Research Initiative.....	332,970	315,600	320,500	+4,900	+1.6%
Other Power Systems					
Distributed generation systems - Fuel cells					
Advanced research.....	3,895	3,000	10,000	+7,000	+233.3%
Systems development.....	13,147	10,000	6,000	-4,000	-40.0%
Vision 21-hybrids.....	13,152	11,500	5,000	-6,500	-56.5%
Innovative concepts.....	26,484	22,500	23,500	+1,000	+4.4%
Novel generation.....	—	2,500	2,500	—	—
Total, Other Power Systems.....	56,678	49,500	47,000	-2,500	-5.1%
Total, Coal and other power systems.....	389,648	365,100	367,500	+2,400	+0.7%
Natural gas technologies					
Exploration and production.....	19,964	15,450	14,000	-1,450	-9.4%
Gas hydrates.....	9,568	4,500	3,500	-1,000	-22.2%
Infrastructure.....	9,809	—	—	—	—
Emerging processing technology applications.....	2,191	—	6,555	+6,555	n/a
Effective environmental protection.....	2,537	2,640	2,500	-140	-5.3%
Total, Natural gas technologies.....	44,069	22,590	26,555	+3,965	+17.6%
Petroleum - Oil technology					
Exploration and production supporting research.....	33,207	16,400	2,000	-14,400	-87.8%
Reservoir life extension/management.....	12,611	9,500	5,000	-4,500	-47.4%
Effective environmental protection.....	10,426	9,500	8,000	-1,500	-15.8%
Total, Petroleum - Oil technology.....	56,244	35,400	15,000	-20,400	-57.6%
Cooperative research and development.....	8,023	6,000	6,000	—	—
Fossil energy environmental restoration.....	9,900	9,715	9,715	—	—
Import/export authorization.....	2,400	2,500	2,750	+250	+10.0%
Energy efficiency science initiative.....	6,000	—	—	—	—
Program direction and management support					
Headquarters program direction.....	18,700	19,820	22,703	+2,883	+14.5%
Energy technology center program direction.....	67,300	64,880	70,082	+5,202	+8.0%
Total, Program direction and management support.....	86,000	84,700	92,785	+8,085	+9.5%
GP-F-100 General plant projects.....	13,450	2,000	3,000	+1,000	+50.0%
Advanced metallurgical processes.....	5,200	5,300	10,000	+4,700	+88.7%
Subtotal, Fossil Energy Research and Development.....	620,934	533,305	533,305	—	—
Use of prior year balances.....	-9,450	-14,000	-14,000	—	—
Use of previously appropriated clean coal funds.....	-33,700	-40,000	—	+40,000	+100.0%
Transfer from SPR petroleum account (non-add).....	(—)	(—)	(-5,000)	(-5,000)	(n/a)
Total, Fossil Energy Research And Development.....	577,784	479,305	519,305	+40,000	+8.3%

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Alternative Fuels Production					
Rescission of unobligated balances.....	-2,000	—	—	—	—
Naval Petroleum & Oil Shale Reserves					
Production operations.....	15,284	8,370	9,101	+731	+8.7%
Management.....	14,326	12,461	7,399	-5,062	-40.6%
Subtotal, Naval petroleum & oil shale reserves.....	29,610	20,831	16,500	-4,331	-20.8%
Use of prior year balances.....	-12,255	—	—	—	—
Total, Naval Petroleum & Oil Shale Reserves.....	17,355	20,831	16,500	-4,331	-20.8%
Elk Hills School Lands Fund					
California teachers' pension fund payment.....	—	36,000	36,000	—	—
Advance appropriation.....	36,000	36,000	—	-36,000	-100.0%
Total, Elk Hills School Lands Fund.....	36,000	72,000	36,000	-36,000	-50.0%
Energy Conservation					
Vehicle technologies.....	181,352	153,563	157,623	+4,060	+2.6%
Fuel cell technologies.....	46,682	57,500	77,500	+20,000	+34.8%
Weatherization & intergovernmental activities					
Weatherization assistance grants.....	230,000	277,100	288,200	+11,100	+4.0%
State energy program grants.....	45,000	38,798	38,798	—	—
State energy activities.....	8,230	2,353	2,353	—	—
Gateway deployment.....	40,951	41,195	27,609	-13,586	-33.0%
Total, Weatherization & intergovernmental..... activities	324,181	359,446	356,960	-2,486	-0.7%
Distributed energy resources.....	55,137	54,784	51,784	-3,000	-5.5%
Building technologies.....	63,082	52,563	52,563	—	—
Industrial technologies.....	100,909	91,477	64,429	-27,048	-29.6%
Biomass and biorefinery systems R&D.....	24,779	23,939	8,808	-15,131	-63.2%
Federal energy management program.....	18,900	23,425	19,962	-3,463	-14.8%
National climate change technology initiative.....	—	20,000	9,500	-10,500	-52.5%
Program management.....	81,442	74,954	76,664	+1,710	+2.3%
Total, Energy Conservation.....	896,464	911,651	875,793	-35,858	-3.9%
Economic Regulation					
Office of hearings and appeals.....	1,996	1,487	1,047	-440	-29.6%

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Strategic Petroleum Reserve					
SPR - Facilities development					
Storage facilities development.....	154,009	154,856	158,979	+4,123	+2.7%
Management.....	16,871	14,000	16,102	+2,102	+15.0%
Total, SPR - Facilities development.....	170,880	168,856	175,081	+6,225	+3.7%
Northeast Home heating oil reserve.....	8,000	8,000	5,000	-3,000	-37.5%
SPR petroleum account					
Oil acquisition.....	—	11,000	—	-11,000	-100.0%
Transfer to FERD.....	—	—	-5,000	-5,000	n/a
Total, SPR petroleum account.....	—	11,000	-5,000	-16,000	-145.5%
Total, Strategic Petroleum Reserve.....	178,880	187,856	175,081	-12,775	-6.8%
Energy Information Administration					
National energy information system.....	78,437	80,611	80,111	-500	-0.6%
Use of prior year balances.....	—	-500	—	+500	+100.0%
Total, Energy Information Administration.....	78,437	80,111	80,111	—	—
Clean Coal Technology					
Advance appropriation.....	81,990	40,000	—	-40,000	-100.0%
Deferral.....	-40,000	—	—	—	—
<i>Transfer to Fossil Energy R&D (non-add).....</i>	<i>(-33,700)</i>	<i>(-40,000)</i>	<i>(—)</i>	<i>(+40,000)</i>	<i>(-100.0%)</i>
Total, Clean Coal Technology.....	41,990	40,000	—	-40,000	-100.0%