

Department Of Energy
 FY 2005 Congressional Budget
 Laboratory Table
 (Dollars In Thousands)

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Washington Headquarters	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply			
Electric Transmission and Distribution			
Research & Development	\$7,642	\$5,508	\$12,796
Energy Efficiency and Renewable Energy			
Biomass and Biorefinery Systems R&D	\$45,194	\$55,106	\$42,186
Wind Energy	\$4,553	\$4,825	\$4,115
Program Direction	\$10,625	\$9,762	\$16,124
Geothermal Technology	\$265	\$2,871	\$5,000
Hydropower	\$49	\$1,919	\$2,590
Hydrogen Technology	\$17,699	\$63,414	\$65,615
National Climate Change Technology Initiative	\$0	\$0	\$3,000
Departmental Energy Management Program	\$1,445	\$1,963	\$1,967
Solar Energy	\$8,260	\$7,928	\$8,033
Intergovernmental Activities	\$1,000	\$800	\$1,000
Renewable Program Support	\$0	\$4,919	\$0
<i>Total Energy Efficiency and Renewable Energy</i>	\$96,732	\$159,015	\$162,426
Research & Development			
Nuclear Energy Plant Optimization	\$297	\$932	\$0
Nuclear Energy Research Initiative	\$33	\$296	\$0
Nuclear Energy Technologies	\$16,692	\$119	\$1,246
Nuclear Hydrogen Initiative	\$222	\$679	\$952
Advanced Fuel Cycle Initiative	\$1,367	\$3,102	\$500
Generation IV Nuclear Energy Systems Initiative	\$2,573	\$1,120	\$855
<i>Total Research & Development</i>	\$21,184	\$6,248	\$3,553
Environment, Safety and Health			
Environment, Safety and Health	\$5,276	\$4,617	\$7,750
Program Direction	\$15,573	\$15,697	\$20,474
<i>Total Environment, Safety and Health</i>	\$20,849	\$20,314	\$28,224
University Reactor Infrastructure and Education Assistance			
University Reactor Infrastructure and Education Assistanc	\$534	\$35	\$35
Program Direction - NE			
Program Direction - NE	\$19,452	\$22,416	\$24,470
Infrastructure			
Radiological Facilities Management	\$896	\$452	\$452
Idaho Facilities Management	\$498	\$0	\$0
<i>Total Infrastructure</i>	\$1,394	\$452	\$452
Office of Legacy Management			
Office of Legacy Management	\$9,119	\$18,901	\$17,047
Future Liabilities			
Future Liabilities	\$0	\$0	\$3,000
<i>Total Energy Supply</i>	\$169,264	\$227,381	\$239,207
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Uranium Enrichment D&D Fund	\$15,896	\$50,699	\$100,614

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<i>Total Uranium Enrichment Decon. & Decom. Fund</i>	\$15,896	\$50,699	\$100,614
Science			
High Energy Physics			
High Energy Physics	\$16,073	\$76,484	\$84,866
Nuclear Physics			
Nuclear Physics	\$1,590	\$26,669	\$25,040
Biological and Environmental Research			
Biological and Environmental Research	\$2,395	\$207,024	\$107,396
Basic Energy Sciences			
Basic Energy Sciences	\$5,486	\$72,009	\$148,791
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$1,472	\$14,324	\$21,759
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$4,285	\$12,975	\$0
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$2,218	\$69,780	\$72,586
Program Direction			
Program Direction	\$61,015	\$66,101	\$65,512
Safeguards and Security			
Safeguards and Security	\$330	\$335	\$337
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$118	\$937	\$132
<i>Total Science</i>	\$94,982	\$546,638	\$526,419
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$731	\$10,192	\$51,173
Science Campaign			
Science Campaign	\$211	\$28,809	\$18,578
Engineering Campaign			
Engineering Campaign	\$0	\$662	\$623
Inertial Confinement Fusion and High Yield Campaign			
Inertial Confinement Fusion and High Yield Campaign	\$140	\$20,376	\$7,776
Advanced Simulation & Computing Campaign			
Advanced Simulation & Computing Campaign	\$187,092	\$270,599	\$306,522
Pit Manufacturing and Certification Campaign			
Pit Manufacturing and Certification Campaign	\$25	\$19,045	\$36,947
Readiness Campaign			
Readiness Campaign	\$300	\$7,864	\$14,233
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$1,823	\$45,713	\$63,345
Nuclear Weapons Incident Response			
Nuclear Weapons Incident Response	\$2,201	\$2,648	\$4,961
Facilities and Infrastructure Recapitalization Program			
Facilities and Infrastructure Recapitalization Program	\$711	\$1,036	\$26,282

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Safeguards and Security			
Safeguards and Security	\$37,358	\$47,610	\$47,089
<i>Total Weapons Activities</i>	\$230,592	\$454,554	\$577,529
Defense Environmental Services			
Non-Closure Environmental Activities			
Non-Closure Environmental Activities	\$120,412	\$80,453	\$79,186
Program Direction			
Program Direction	\$57,240	\$55,968	\$63,785
Federal Contribution to the UE D&D Fund			
Federal Contribution to the UE D&D Fund	\$432,731	\$449,333	\$463,000
<i>Total Defense Environmental Services</i>	\$610,383	\$585,754	\$605,971
Other Defense Activities			
Energy Security and Assurance			
Energy Security	\$4,185	\$2,457	\$10,600
Environment, Safety, and Health			
Environment, Safety, and Health	\$67,707	\$77,495	\$49,018
Program Direction	\$20,077	\$17,853	\$20,414
<i>Total Environment, Safety, and Health</i>	\$87,784	\$95,348	\$69,432
Hearings and Appeals			
Hearings and Appeals	\$2,914	\$3,775	\$4,318
Independent Oversight & Performance Assurance			
Program Direction	\$23,420	\$23,417	\$24,169
Security			
Program Direction	\$46,268	\$45,954	\$52,759
Nuclear Safeguards and Security	\$91,191	\$92,979	\$96,416
Security Investigations	\$7,112	\$8,098	\$8,007
<i>Total Security</i>	\$144,571	\$147,031	\$157,182
Office of Legacy Management			
Office of Legacy Management	\$6,819	\$7,753	\$12,644
Worker and Community Transition	\$3,353	\$9,266	\$2,500
Program Direction	\$11,720	\$13,009	\$13,201
<i>Total Office of Legacy Management</i>	\$21,892	\$30,028	\$28,345
Program Direction, NE			
Program Direction, NE	\$2,982	\$2,034	\$1,284
Future Liabilities			
Future Liabilities	\$0	\$0	\$5,000
<i>Total Other Defense Activities</i>	\$287,748	\$304,090	\$300,330
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$1,020	\$4,960	\$6,625
Nonproliferation and International Security			
Nonproliferation and International Security	\$12,726	\$7,937	\$5,617

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Nonproliferation Programs with Russia			
International Nuclear Materials Protection & Cooperation	\$18,105	\$3,775	\$6,330
Russian Transition Initiatives	\$12,755	\$13,132	\$14,115
HEU Transparency Implementation	\$100	\$0	\$0
International Nuclear Safety and Cooperation	\$800	\$0	\$0
Elimination of Weapons -Grade Plutonium Production Pro	\$449	\$200	\$200
Fissile Materials Disposition	\$77,217	\$51,670	\$9,000
Accelerated Materials Disposition	\$3	\$0	\$0
<i>Total Nonproliferation Programs with Russia</i>	\$109,429	\$68,777	\$29,645
<i>Total Defense Nuclear Nonproliferation</i>	\$123,175	\$81,674	\$41,887
Naval Reactors			
Naval Reactors Development			
Naval Reactors Development	\$2,153	\$4,687	\$3,000
Program Direction			
Program Direction	\$9,958	\$11,609	\$13,750
<i>Total Naval Reactors</i>	\$12,111	\$16,296	\$16,750
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$140,296	\$142,773	\$140,383
<i>Total Office of the Administrator</i>	\$140,296	\$142,773	\$140,383
Departmental Administration			
Policy & International Affairs			
Program Direction	\$13,529	\$13,762	\$17,977
Policy Analysis and System Studies	\$597	\$567	\$567
Environmental Policy Studies	\$398	\$395	\$395
Energy Security and Assurance	\$1,493	\$0	\$0
<i>Total Policy & International Affairs</i>	\$16,017	\$14,724	\$18,939
Congressional, and Intergovernmental Affairs			
Program Direction	\$4,906	\$4,430	\$4,956
Public Affairs			
Program Direction	\$3,864	\$3,837	\$4,649
General Counsel			
General Counsel	\$21,626	\$19,913	\$23,349
Office of the Secretary			
Office of the Secretary	\$4,262	\$4,233	\$5,441
Board of Contract Appeals			
Board of Contract Appeals	\$736	\$651	\$653
Management, Budget & Evaluation			
Program Direction	\$107,089	\$103,758	\$106,055
Economic Impact & Diversity			
Program Direction	\$4,953	\$4,680	\$5,400
Minority Economic Impact	\$1,194	\$1,187	\$830
<i>Total Economic Impact & Diversity</i>	\$6,147	\$5,867	\$6,230

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Chief Information Officer			
Program Direction	\$28,281	\$35,584	\$44,856
Cyber Security and Secure Communications	\$19,081	\$15,215	\$15,320
Corporate Management Information Program	\$14,930	\$23,894	\$37,632
<i>Total Chief Information Officer</i>	\$62,292	\$74,693	\$97,808
Competitive Sourcing Initiative			
Competitive Sourcing Initiative	\$0	\$0	\$5,000
<i>Total Departmental Administration</i>	\$226,939	\$232,106	\$273,080
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$15,626	\$17,209	\$17,355
<i>Total Office of the Inspector General</i>	\$15,626	\$17,209	\$17,355
Federal Energy Regulatory Commission			
Energy Infrastructure			
Energy Infrastructure	\$118,294	\$123,335	\$126,325
Competitive Markets			
Competitive Markets	\$38,615	\$45,083	\$46,768
Market Oversight			
Market Oversight	\$35,091	\$35,982	\$36,907
<i>Total Federal Energy Regulatory Commission</i>	\$192,000	\$204,400	\$210,000
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems	\$716	\$682	\$465
Sequestration R&D	\$13,277	\$23,347	\$30,047
Fuels	\$580	\$329	\$160
Advanced Research	\$5,370	\$5,332	\$5,247
Clean Coal Power Initiative	\$1,490	\$1,788	\$2,420
<i>Total Coal and Other Power Systems</i>	\$21,433	\$31,478	\$38,339
Gas			
Natural Gas Technologies	\$1,457	\$2,823	\$1,315
Program Direction and Management Support			
Headquarters Program Direction	\$18,777	\$27,029	\$27,149
Petroleum			
Oil Technology	\$2,333	\$2,824	\$150
Fossil Energy Environmental Restoration			
Fossil Energy Environmental Restoration	\$1,083	\$1,194	\$758
Cooperative R&D			
Cooperative Research & Development	\$4,005	\$4,218	\$1,520
Import/Export Authorization			
Import/Export Authorization	\$2,981	\$2,716	\$1,799
Energy Efficiency Science Initiative			
Energy Efficiency Science Initiative	\$2,440	\$0	\$0

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National Academy of Sciences Program Review			
National Academy of Sciences Program Review	\$497	\$494	\$0
<i>Total Fossil Energy Research and Development</i>	\$55,006	\$72,776	\$71,030
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves	\$2,976	\$1,777	\$2,228
<i>Total Naval Petroleum and Oil Shale Reserves</i>	\$2,976	\$1,777	\$2,228
Energy Conservation			
Industrial Technologies			
Industries of the Future (Specific)	\$45,546	\$40,041	\$19,340
Industries of the Future (Crosscutting)	\$20,671	\$26,854	\$27,162
Technology Program Management Support	\$3,998	\$5,917	\$3,793
<i>Total Industrial Technologies</i>	\$70,215	\$72,812	\$50,295
Program Management			
Program Management	\$48,813	\$56,361	\$49,353
Federal Energy Management Program			
Federal Energy Management Program	\$4,078	\$7,362	\$5,546
Biomass & Biorefinery Systems R&D			
Utilization of Platform Output R&D	\$7,537	\$5,313	\$6,853
Technical/Program Management Support	\$811	\$396	\$400
Industrial Gasification	\$283	\$0	\$0
<i>Total Biomass & Biorefinery Systems R&D</i>	\$8,631	\$5,709	\$7,253
Fuel Cell Technologies			
Transportation Systems	\$1,638	\$5,386	\$5,980
Distributed Energy Systems	\$2,321	\$6,868	\$7,000
Fuel Processor R&D	\$1,122	\$7,796	\$7,369
Stack Component R&D	\$497	\$15,893	\$18,657
Technology Validation	\$0	\$7,994	\$15,742
Technical/Program Management Support	\$378	\$395	\$542
<i>Total Fuel Cell Technologies</i>	\$5,956	\$44,332	\$55,290
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$3,353	\$3,361	\$4,460
Other State Energy Activities	\$4,325	\$1,574	\$1,573
Gateway deployment	\$28,218	\$21,879	\$16,426
<i>Total Weatherization and Intergovernmental Activities</i>	\$35,896	\$26,814	\$22,459
Vehicle Technologies			
Vehicle Systems	\$532	\$511	\$933
Hybrid and Electric Propulsion	\$777	\$2,020	\$17,100
Advanced Combustion R&D	\$1,442	\$5,214	\$4,936
Materials Technology	\$692	\$2,462	\$3,937
Fuels Technology	\$461	\$2,088	\$0
Technology Introduction	\$1,110	\$47	\$1,500
Technical/Program Management Support	\$1,131	\$2,095	\$1,903
Biennial Freedom Car Peer Review	\$0	\$494	\$0

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<i>Total Vehicle Technologies</i>	\$6,145	\$14,931	\$30,309
Distributed Energy Resources			
Distributed Generation Technology Development	\$23,212	\$22,499	\$19,854
End-Use Systems Integration and Interface	\$3,707	\$4,588	\$3,863
<i>Total Distributed Energy Resources</i>	\$26,919	\$27,087	\$23,717
Building Technologies			
Residential Building	\$9,008	\$8,250	\$15,078
Commercial Building Integration	\$907	\$2,350	\$1,516
Emerging Technologies	\$18,134	\$17,404	\$13,940
Equipment Standards and Analysis	\$5,480	\$6,237	\$3,645
Technical/Program Management Support	\$1,609	\$1,481	\$1,500
Oil Heat Research for Residential Buildings	\$0	\$494	\$0
<i>Total Building Technologies</i>	\$35,138	\$36,216	\$35,679
Energy Efficiency Science Initiative			
Energy Efficiency Science Initiative	\$2,440	\$0	\$0
<i>Total Energy Conservation</i>	\$244,231	\$291,624	\$279,901
Nuclear Waste Fund			
Nuclear Waste Disposal			
Program Direction	\$46,743	\$55,319	\$67,340
<i>Total Nuclear Waste Fund</i>	\$46,743	\$55,319	\$67,340
Defense Nuclear Waste Disposal			
Defense Nuclear Waste Disposal			
Defense Nuclear Waste Disposal	\$0	\$30,000	\$0
<i>Total Defense Nuclear Waste Disposal</i>	\$0	\$30,000	\$0
Defense Site Acceleration Completion			
Technology Development and Deployment			
Technology Development and Deployment	\$38,007	\$34,748	\$46,729
High Level Waste Legislative Proposal			
High Level Waste	\$0	\$0	\$350,000
<i>Total Defense Site Acceleration Completion</i>	\$38,007	\$34,748	\$396,729
Economic Regulation			
Hearings and Appeals			
Hearings and Appeals	\$1,477	\$1,034	\$0
<i>Total Economic Regulation</i>	\$1,477	\$1,034	\$0
Strategic Petroleum Reserve			
Storage Facilities Operations			
SPR - Facilities Development	\$3,469	\$4,618	\$5,120
<i>Total Strategic Petroleum Reserve</i>	\$3,469	\$4,618	\$5,120
Northeast Home Heating Oil Reserve Account			

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Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$4,340	\$4,919	\$4,980
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<i>Total Northeast Home Heating Oil Reserve Account</i>	\$4,340	\$4,919	\$4,980
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$80,587	\$81,100	\$85,000
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<i>Total Energy Information Administration</i>	\$80,587	\$81,100	\$85,000
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<i>Total Washington Headquarters</i>	\$2,595,848	\$3,441,489	\$3,961,853