

**State Tables** 

**Preliminary** 



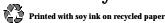
# **State Tables**

# **Preliminary**

The numbers depicted in this document represent the <u>gross</u> level of DOE <u>budget authority</u> for the years displayed. The figures include both the discretionary and mandatory funding in the budget. They do not consider revenues/receipts, uses of prior year balances, deferrals, rescissions, or other adjustments appropriated as offsets to the DOE appropriations by the Congress.

Office of Management, Budget and Evaluation/CFO

February 2004



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### State Table

Page Number	State Index	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
1	Alabama	\$54,713	\$40,983	\$38,196
3	Alaska	\$7,186	\$4,894	\$3,516
4	All Other (Foreign)	\$882	\$995	\$995
5	American Samoa	\$230	\$226	\$209
6	Arizona	\$158,019	\$93,283	\$100,052
8	Arkansas	\$8,108	\$6,609	\$7,682
9	California	\$2,274,086	\$2,194,838	\$2,146,285
16	Colorado	\$1,177,465	\$1,091,957	\$1,060,507
21	Connecticut	\$30,488	\$29,667	\$15,705
22	Delaware	\$4,168	\$3,253	\$2,916
23	District Of Columbia	\$2,316,976	\$3,060,112	\$3,424,500
33	Florida	\$35,019	\$32,420	\$34,344
35	Georgia	\$49,152	\$44,925	\$20,887
37	Guam	\$240	\$236	\$218
38	Hawaii	\$2,908	\$2,473	\$1,930
39	Idaho	\$1,123,195	\$1,155,467	\$1,040,910
44	Illinois	\$1,063,378	\$1,178,169	\$1,224,976
50	Indiana	\$28,564	\$21,950	\$22,066
51	lowa	\$43,719	\$43,161	\$35,913
53	Kansas	\$8,792	\$9,651	\$9,282
54	Kentucky	\$142,085	\$213,748	\$186,546
56	Louisiana	\$175,120	\$167,629	\$168,247
58	Maine	\$5,008	\$3,851	\$4,438
59	Maryland	\$283,613	\$295,056	\$280,317
62	Massachusetts	\$88,179	\$92,820	\$87,100
64	Michigan	\$43,325	\$39,190	\$37,169
65	Minnesota	\$29,444	\$28,053	\$20,915
67	Mississippi	\$5,257	\$3,967	\$3,413
68	Missouri	\$419,822	\$431,252	\$407,995
71	Montana	\$116,604	\$125,035	\$111,482
73	Nebraska	\$43,999	\$42,893	\$9,793
74	Nevada	\$845,518	\$924,766	\$1,230,480
78	New Hampshire	\$3,914	\$2,992	\$2,848
79	New Jersey	\$87,438	\$93,786	\$91,252
81	New Mexico	\$3,949,283	\$3,964,029	\$3,974,735
88	New York	\$853,380	\$896,057	\$896,922

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### State Table

(Dollars In Thousands)

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Page Number	State Index	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
92	North Carolina	\$25,422	\$22,685	\$19,695
94	North Dakota	\$56,411	\$52,269	\$25,385
96	Northern Mariana Isl	\$229	\$225	\$208
97	Ohio	\$716,565	\$816,865	\$785,902
99	Oklahoma	\$26,019	\$27,233	\$25,507
101	Oregon	\$636,409	\$668,546	\$678,630
103	Pennsylvania	\$464,542	\$491,176	\$481,111
106	Puerto Rico	\$1,293	\$1,278	\$1,194
107	Rhode Island	\$4,335	\$4,564	\$4,625
108	South Carolina	\$1,681,440	\$1,787,612	\$1,697,555
112	South Dakota	\$36,069	\$32,704	\$28,833
113	Tennessee	\$2,157,378	\$2,075,811	\$2,117,336
120	Texas	\$486,707	\$503,623	\$548,767
123	Undesignated State	\$1,644,927	\$1,594,308	\$1,952,193
126	Utah	\$82,354	\$40,176	\$48,303
128	Vermont	\$3,150	\$2,908	\$2,359
129	Virgin Islands	\$258	\$253	\$235
130	Virginia	\$110,008	\$114,724	\$107,961
132	Washington	\$3,420,060	\$3,938,398	\$3,869,273
138	West Virginia	\$152,619	\$167,547	\$145,157
141	Wisconsin	\$33,046	\$30,797	\$30,756
142	Wyoming	\$36,327	\$31,743	\$24,975
	Total Department of Energy	\$27,254,845	\$28,745,838	\$29,300,701

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### State Table

(Dollars In Thousands)

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abama	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Science			
High Energy Physics High Energy Physics	\$197	\$167	\$507
Total High Energy Physics	\$197	\$167	\$507
Nuclear Physics Nuclear Physics	\$166	\$73	\$73
Total Nuclear Physics	\$166	\$73	\$73
Biological and Environmental Research Biological and Environmental Research	\$3,800	\$813	\$435
Total Biological and Environmental Research	\$3,800	\$813	\$435
Basic Energy Sciences Basic Energy Sciences	\$1,699	\$1,487	\$284
Total Basic Energy Sciences	\$1,699	\$1,487	\$284
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$1,013	\$1,048	\$679
Total Fusion Energy Sciences Program	\$1,013	\$1,048	\$679
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$102	\$98	\$102
Total Advanced Scientific Computing Research	\$102	\$98	\$102
Total Science	\$6,977	\$3,686	\$2,080
Weapons Activities Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$10,644	\$10,899	\$13,120
Total Inertial Confinement Fusion and High Yield Campaig	\$10,644	\$10,899	\$13,120
Total Weapons Activities	\$10,644	\$10,899	\$13,120
Defense Nuclear Nonproliferation  Nonproliferation and International Security  Nonproliferation and International Security	\$11,153	\$500	\$500
Total Nonproliferation and International Security	\$11,153	\$500	\$500
Nonproliferation Programs with Russia HEU Transparency Implementation	\$35	\$0	\$200
Total Nonproliferation Programs with Russia	\$35	\$0	\$200
Total Defense Nuclear Nonproliferation	\$11,188	\$500	\$700
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems Sequestration R&D	\$22,249 \$240	\$22,460 \$0	\$18,000 \$0
Total Coal and Other Power Systems			
rotal Goal and Other Fower Systems	\$22,489	\$22,460	\$18,00

State Table (Dollars In Thousands)

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Alabama	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Fossil Energy Research and Development	\$22,489	\$22,460	\$18,000
Energy Conservation Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$2,369	\$2,407	\$3,637
State Energy Program	\$724	\$711	\$659
Total Weatherization and Intergovernmental Activities	\$3,093	\$3,118	\$4,296
Vehicle Technologies			
Materials Technology	\$322	\$320	\$0
Total Vehicle Technologies	\$322	\$320	\$0
Total Energy Conservation	\$3,415	\$3,438	\$4,296
otal Alabama	\$54,713	\$40,983	\$38,196

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### State Table

aska	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
Biological and Environmental Research	<b>#</b> 404	<b>#</b> 404	0404
Biological and Environmental Research	\$131	\$131	\$131
Total Biological and Environmental Research	\$131	\$131	\$131
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$0	\$100	\$100
Total Fusion Energy Sciences Program	\$0	\$100	\$100
Total Science	\$131	\$231	\$231
Fossil Energy Research and Development			
Coal and Other Power Systems			
Fuels	\$1,054	\$100	\$0
Advanced Research	\$1,000	\$1,000	\$0
Total Coal and Other Power Systems	\$2,054	\$1,100	\$0
Gas			
Natural Gas Technologies	\$400	\$200	\$750
Total Gas	\$400	\$200	\$750
Total Fossil Energy Research and Development	\$2,454	\$1,300	\$750
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$1,654	\$1,680	\$1,984
State Energy Program	\$353	\$347	\$321
Total Weatherization and Intergovernmental Activities	\$2,007	\$2,027	\$2,305
Total Energy Conservation	\$2,007	\$2,027	\$2,305
Defense Site Acceleration Completion			
2035 Accelerated Completions			
2035 Accelerated Completions	\$2,594	\$1,336	\$230
Total 2035 Accelerated Completions	\$2,594	\$1,336	\$230
Total Defense Site Acceleration Completion	\$2,594	\$1,336	\$230
otal Alaska	\$7,186	\$4,894	\$3,516

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### State Table

All Other (Foreign)	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			_
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$35	\$35	\$35
Total Fusion Energy Sciences Program	\$35	\$35	\$35
Total Science	\$35	\$35	\$35
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems	\$75	\$0	\$0
Sequestration R&D	\$114	\$310	\$310
Advanced Research	\$650	\$650	\$650
Total Coal and Other Power Systems	\$839	\$960	\$960
Gas			
Natural Gas Technologies	\$8	\$0	\$0
Total Gas	\$8	\$0	\$0
Total Fossil Energy Research and Development	\$847	\$960	\$960
Total All Other (Foreign)	\$882	\$995	\$995

State Table (Dollars In Thousands)

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\$209

American Samoa	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Conservation Weatherization and Intergovernmental Activities State Energy Program	\$230	\$226	\$209
Total Weatherization and Intergovernmental Activities	\$230	\$226	\$209
Total Energy Conservation	\$230	\$226	\$209

**Total American Samoa** 

\$230

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### State Table

(Dollars In Thousands)

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izona	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$1,065	\$1,065	\$796
Total High Energy Physics	\$1,065	\$1,065	\$796
Nuclear Physics Nuclear Physics	\$258	\$270	\$270
Total Nuclear Physics	\$258	\$270	\$270
Biological and Environmental Research Biological and Environmental Research	\$2,372	\$695	\$0
Total Biological and Environmental Research	\$2,372	\$695	\$0
Basic Energy Sciences Basic Energy Sciences	\$2,125	\$2,722	\$2,288
Total Basic Energy Sciences	\$2,125	\$2,722	\$2,288
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$294	\$159	\$231
Total Advanced Scientific Computing Research	\$294	\$159	\$231
Total Science	\$6,114	\$4,911	\$3,585
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance	\$11,064	\$6,463	\$9,564
Total Systems Operation and Maintenance	\$11,064	\$6,463	\$9,564
Program Direction Program Direction	\$19,397	\$22,939	\$21,990
Total Program Direction	\$19,397	\$22,939	\$21,990
Total Western Area Power Admin. Const.,Rehab.,O&M	\$30,461	\$29,402	\$31,554
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$114,457	\$51,490	\$56,795
Total Equipment, Contracts and Other Related Expenses	\$114,457	\$51,490	\$56,795
Program Direction Program Direction	\$4,992	\$5,477	\$5,480
Total Program Direction	\$4,992	\$5,477	\$5,480
Total Colorado River Basins Power Marketing Fund	\$119,449	\$56,967	\$62,275
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$1,338 \$657	\$1,358 \$645	\$2,040 \$598
Total Weatherization and Intergovernmental Activities	\$1,995	\$2,003	\$2,638

State Table (Dollars In Thousands)

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Arizona	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Energy Conservation	\$1,995	\$2,003	\$2,638
Total Arizona	\$158,019	\$93,283	\$100,052

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kansas	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$312	\$260	\$115
Total Basic Energy Sciences	\$312	\$260	\$115
Total Science	\$312	\$260	\$115
Southwestern Power Admin Operation & Maint.			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$896	\$998	\$850
Total Systems Operation and Maintenance	\$896	\$998	\$850
SWPA Construction			
Construction	\$1,967	\$341	\$1,266
Total SWPA Construction	\$1,967	\$341	\$1,266
Program Direction			
Program Direction	\$2,336	\$2,390	\$2,236
Total Program Direction	\$2,336	\$2,390	\$2,236
Total Southwestern Power Admin Operation & Maint.	\$5,199	\$3,729	\$4,352
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$2,038	\$2,071	\$2,706
State Energy Program	\$559	\$549	\$509
Total Weatherization and Intergovernmental Activities	\$2,597	\$2,620	\$3,215
Total Energy Conservation	\$2,597	\$2,620	\$3,215
tal Arkansas	\$8,108	\$6,609	\$7,682

### FY 2005 Congressional Budget

### State Table

(Dollars In Thousands)

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lifornia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Energy Supply			'
Electric Transmission and Distribution Research & Development Energy Efficiency and Renewable Energy	\$2,743	\$5,853	\$7,010
Wind Energy	\$481	\$250	\$250
Geothermal Technology	\$2,750	\$1,551	\$1,450
Hydrogen Technology	\$1,750	\$630	\$2,00
Intergovernmental Activities	\$400	\$300	\$40
Total Energy Efficiency and Renewable Energy	\$8,124	\$8,584	\$11,110
Research & Development			
Nuclear Energy Plant Optimization	\$119	\$0	\$
Nuclear Energy Research Initiative	\$795	\$0	\$(
Nuclear Energy Technologies	\$245	\$70	\$(
Advanced Fuel Cycle Initiative Generation IV Nuclear Energy Systems Initiative	\$175 \$700	\$150 \$346	\$100 \$300
Total Research & Development			
·	\$2,034	\$566	\$400
Environment, Safety and Health Environment, Safety and Health	\$80	\$0	\$(
Total Environment, Safety and Health	\$80	\$0	\$(
Program Direction - NE	+	**	•
Program Direction - NE	\$127	\$134	\$0
Total Program Direction - NE	\$127	\$134	\$0
Total Energy Supply	\$10,365	\$9,284	\$11,510
Non-Defense Site Acceleration Completion			
2006 Accelerated Completions	<b>**</b>	<b>#0.005</b>	<b>47.07</b>
2006 Accelerated Completions	\$11,363	\$8,885	\$7,070
Total 2006 Accelerated Completions	\$11,363	\$8,885	\$7,070
2012 Accelerated Completions 2012 Accelerated Completions	¢16.050	¢40.074	¢40.060
	\$16,959	\$18,274	\$19,060
Total 2012 Accelerated Completions	\$16,959	\$18,274	\$19,060
Total Non-Defense Site Acceleration Completion	\$28,322	\$27,159	\$26,130
Non-Defense Environmental Services			
Community and Regulatory Support			
Community and Regulatory Support	\$20	\$39	\$40
Total Community and Regulatory Support	\$20	\$39	\$40
Total Non-Defense Environmental Services	\$20	\$39	\$40
Science			
High Energy Physics			<b>.</b>
High Energy Physics	\$229,556	\$231,338	\$227,104

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california	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total High Energy Physics	\$229,556	\$231,338	\$227,104
Nuclear Physics Nuclear Physics	\$24,551	\$20,207	\$21,265
Total Nuclear Physics	\$24,551	\$20,207	\$21,265
Biological and Environmental Research Biological and Environmental Research	\$132,230	\$137,331	\$126,073
Total Biological and Environmental Research	\$132,230	\$137,331	\$126,073
Basic Energy Sciences Basic Energy Sciences	\$180,921	\$200,150	\$225,696
Total Basic Energy Sciences	\$180,921	\$200,150	\$225,696
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$83,256	\$84,326	\$81,946
Total Fusion Energy Sciences Program	\$83,256	\$84,326	\$81,946
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$7,224	\$4,888	\$13,993
Total Science Laboratories Infrastructure	\$7,224	\$4,888	\$13,993
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$67,594	\$64,160	\$61,429
Total Advanced Scientific Computing Research	\$67,594	\$64,160	\$61,429
Program Direction Program Direction	\$0	\$0	\$50
Total Program Direction	\$0	\$0	\$50
Small Business Innovative Research Small Business Innovative Research	\$12,677	\$0	\$0
Total Small Business Innovative Research	\$12,677	\$0	\$0
Safeguards and Security Safeguards and Security	\$6,860	\$6,896	\$7,506
Total Safeguards and Security	\$6,860	\$6,896	\$7,506
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$722	\$855	\$933
Total Workforce Development for Teachers and Scientists	\$722	\$855	\$933
Total Science	\$745,591	\$750,151	\$765,995
Weapons Activities Directed Stockpile Work			
Directed Stockpile Work  Directed Stockpile Work	\$99,900	\$99,797	\$103,350
Total Directed Stockpile Work	\$99,900	\$99,797	\$103,350
Science Campaign Science Campaign	\$88,230	\$92,511	\$97,840

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(Dollars In Thousands)

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California	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Science Campaign	\$88,230	\$92,511	\$97,840
Engineering Campaign Engineering Campaign	\$29,235	\$30,234	\$30,997
Total Engineering Campaign	\$29,235	\$30,234	\$30,997
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$346,631	\$322,101	\$336,133
Total Inertial Confinement Fusion and High Yield Campaig	\$346,631	\$322,101	\$336,133
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$175,316	\$166,976	\$148,666
Total Advanced Simulation & Computing Campaign	\$175,316	\$166,976	\$148,666
Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign	\$4,281	\$10,100	\$17,500
Total Pit Manufacturing and Certification Campaign	\$4,281	\$10,100	\$17,500
Readiness Campaign Readiness Campaign	\$5,270	\$6,640	\$6,496
Total Readiness Campaign	\$5,270	\$6,640	\$6,496
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$80,275	\$60,335	\$61,814
Total Readiness in Technical Base and Facilities	\$80,275	\$60,335	\$61,814
Nuclear Weapons Incident Response  Nuclear Weapons Incident Response	\$11,901	\$14,751	\$13,665
Total Nuclear Weapons Incident Response	\$11,901	\$14,751	\$13,665
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$35,342	\$29,884	\$37,239
Total Facilities and Infrastructure Recapitalization Program	\$35,342	\$29,884	\$37,239
Safeguards and Security Safeguards and Security	\$92,944	\$95,100	\$109,551
Total Safeguards and Security	\$92,944	\$95,100	\$109,551
Total Weapons Activities	\$969,325	\$928,429	\$963,251
Defense Environmental Services Non-Closure Environmental Activities Non-Closure Environmental Activities	\$20,891	\$20,395	\$22,000
Total Non-Closure Environmental Activities	\$20,891	\$20,395	\$22,000
Community and Regulatory Support Community and Regulatory Support	\$252	\$51	\$60
Total Community and Regulatory Support	\$252	\$51	\$60
Program Direction Program Direction	\$7,822	\$8,064	\$8,415

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alifornia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Program Direction	\$7,822	\$8,064	\$8,415
Total Defense Environmental Services	\$28,965	\$28,510	\$30,475
Other Defense Activities			
Energy Security and Assurance			
Energy Security	\$100	\$0	\$0
Total Energy Security and Assurance	\$100	\$0	\$0
Environment, Safety, and Health Environment, Safety, and Health	\$2,925	\$3,025	\$2,815
Total Environment, Safety, and Health	\$2,925	\$3,025	\$2,815
Security	Ψ2,020	ψ0,020	Ψ2,010
Nuclear Safeguards and Security	\$3,131	\$2,276	\$182
Total Security	\$3,131	\$2,276	\$182
Total Other Defense Activities	\$6,156	\$5,301	\$2,997
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$41,588	\$32,588	\$35,056
Total Nonproliferation and Verification R&D	\$41,588	\$32,588	\$35,056
Nonproliferation and International Security			
Nonproliferation and International Security	\$19,289	\$16,765	\$18,357
Total Nonproliferation and International Security	\$19,289	\$16,765	\$18,357
Nonproliferation Programs with Russia			
International Nuclear Materials Protection & Cooperatio	\$103,449	\$55,033	\$31,775
Russian Transition Initiatives	\$1,333	\$1,387	\$1,391
HEU Transparency Implementation	\$6,000	\$5,894	\$6,500
Fissile Materials Disposition	\$5,150	\$4,500	\$4,900
Accelerated Materials Disposition	\$488	\$0	\$0
Total Nonproliferation Programs with Russia	\$116,420	\$66,814	\$44,566
Total Defense Nuclear Nonproliferation	\$177,297	\$116,167	\$97,979
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$12,844	\$16,072	\$16,489
Total Office of the Administrator	\$12,844	\$16,072	\$16,489
Total Office of the Administrator	\$12,844	\$16,072	\$16,489
Departmental Administration			
Chief Financial Officer			
Cost of Work for Others	\$35,255	\$35,155	\$35,055
Total Chief Financial Officer	\$35,255	\$35,155	\$35,055

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alifornia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Chief Information Officer Cyber Security and Secure Communications	\$6,759	\$7,900	\$7,262
Total Chief Information Officer	\$6,759	\$7,900	\$7,262
Total Departmental Administration	\$42,014	\$43,055	\$42,317
Office of the Inspector General Office of the Inspector General Office of the Inspector General	\$2,009	\$2,028	\$2,224
Total Office of the Inspector General	\$2,009	\$2,028	\$2,224
Total Office of the Inspector General	\$2,009	\$2,028	\$2,224
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance	\$76,184	\$93,250	\$14,955
Total Systems Operation and Maintenance	\$76,184	\$93,250	\$14,955
Program Direction Program Direction	\$18,049	\$20,837	\$19,032
Total Program Direction	\$18,049	\$20,837	\$19,032
Total Western Area Power Admin. Const.,Rehab.,O&M	\$94,233	\$114,087	\$33,987
Fossil Energy Research and Development Coal and Other Power Systems			
Central Systems	\$3,790	\$4,706	\$1,300
Distributed Generation Systems - Fuel Cells	\$319	\$845	\$0 \$1,400
Sequestration R&D Fuels	\$793 \$150	\$1,729 \$125	\$1,400 \$931
Advanced Research	\$786	\$625	\$375
Total Coal and Other Power Systems	\$5,838	\$8,030	\$4,006
Gas Natural Gas Technologies	\$9,096	\$8,237	\$5,557
Total Gas	\$9,096	\$8,237	\$5,557
Petroleum Oil Technology	\$1,379	\$717	\$300
Total Petroleum	\$1,379	\$717	\$300
Total Fossil Energy Research and Development	\$16,313	\$16,984	\$9,863
Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves	\$6,101	\$6,143	\$6,847
Total Naval Petroleum and Oil Shale Reserves	\$6,101	\$6,143	\$6,847
Total Naval Petroleum and Oil Shale Reserves	\$6,101	\$6,143	\$6,847

### FY 2005 Congressional Budget

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California	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Elk Hills School Lands Fund Elk Hills School Lands Fund Elk Hills School Lands Funds	\$36,000	\$36,000	\$36,000
Total Elk Hills School Lands Fund	\$36,000	\$36,000	\$36,000
Total Elk Hills School Lands Fund	\$36,000	\$36,000	\$36,000
Energy Conservation Industrial Technologies Industries of the Future (Specific) Industries of the Future (Crosscutting)	\$1,108 \$907	\$585 \$1,800	\$140 \$50
Total Industrial Technologies	\$2,015	\$2,385	\$190
Program Management Program Management	\$393	\$391	\$395
Total Program Management	\$393	\$391	\$395
Federal Energy Management Program Federal Energy Management Program	\$2,868	\$2,400	\$2,400
Total Federal Energy Management Program	\$2,868	\$2,400	\$2,400
Fuel Cell Technologies Stack Component R&D Technology Validation	\$587 \$238	\$450 \$175	\$450 \$175
Total Fuel Cell Technologies	\$825	\$625	\$625
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program Gateway deployment	\$6,194 \$3,034 \$433	\$6,297 \$2,979 \$700	\$9,835 \$2,762 \$700
Total Weatherization and Intergovernmental Activities	\$9,661	\$9,976	\$13,297
Vehicle Technologies Vehicle Systems Hybrid and Electric Propulsion Advanced Combustion R&D Materials Technology Fuels Technology	\$1,540 \$4,463 \$690 \$877 \$268	\$947 \$5,109 \$1,251 \$844 \$400	\$600 \$6,000 \$1,500 \$2,661 \$350
Total Vehicle Technologies	\$7,838	\$8,551	\$11,111
Distributed Energy Resources Distributed Generation Technology Development	\$200	\$200	\$200
Total Distributed Energy Resources	\$200	\$200	\$200
Building Technologies Residential Building Commercial Building Integration Emerging Technologies Equipment Standards and Analysis	\$150 \$1,427 \$5,945 \$3,105	\$567 \$860 \$5,613 \$3,250	\$150 \$1,427 \$5,945 \$3,105

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### State Table

California	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Building Technologies	\$10,627	\$10,290	\$10,627
Total Energy Conservation	\$34,427	\$34,818	\$38,845
Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal	***	400.004	****
Defense Nuclear Waste Disposal	\$30,846	\$29,031	\$24,312
Total Defense Nuclear Waste Disposal	\$30,846	\$29,031	\$24,312
Total Defense Nuclear Waste Disposal	\$30,846	\$29,031	\$24,312
Defense Site Acceleration Completion 2006 Accelerated Completions 2006 Accelerated Completions	\$19,137	\$17,584	\$21,648
Total 2006 Accelerated Completions	\$19,137	\$17,584	\$21,648
2012 Accelerated Completions 2012 Accelerated Completions	\$10,631	\$10,796	\$11,596
Total 2012 Accelerated Completions	\$10,631	\$10,796	\$11,596
Total Defense Site Acceleration Completion	\$29,768	\$28,380	\$33,244
Energy Information Administration Energy Information Administration	<b>#2.400</b>	<b>#2.000</b>	<b>#2.700</b>
National Energy Information System	\$3,490	\$3,200	\$3,780
Total Energy Information Administration	\$3,490	\$3,200	\$3,780
Total Energy Information Administration	\$3,490	\$3,200	\$3,780
Total California	\$2,274,086	\$2,194,838	\$2,146,285

### FY 2005 Congressional Budget

### State Table

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plorado	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Energy Supply			•
Electric Transmission and Distribution Research & Development	\$30,717	\$23,142	\$21,016
Energy Efficiency and Renewable Energy Zero Energy Buildings	\$7,572	\$0	\$(
Biomass and Biorefinery Systems R&D	\$32,949	\$26,100	\$26,100
Wind Energy	\$31,352	\$31,150	\$31,95
Facilities and Infrastructure	\$5,297	\$12,950	\$11,48
Program Direction	\$1,990	\$2,602	\$4,58
Geothermal Technology	\$11,106	\$13,789	\$12,30
Hydropower	\$210	\$349	\$39
Hydrogen Technology	\$8,491	\$7,962	\$16,89
Solar Energy	\$60,500	\$61,935	\$59,90
Intergovernmental Activities	\$11,524	\$11,195	\$12,17
Total Energy Efficiency and Renewable Energy	\$201,708	\$191,174	\$196,79
Research & Development  Nuclear Hydrogen Initiative	\$100	\$0	\$
Total Research & Development	\$100	\$0	\$
Civilian Waste Research and Development Spent Nuclear Fuel	\$200	\$200	\$20
Total Civilian Waste Research and Development	\$200	\$200	\$20
Total Energy Supply	\$202,008	\$191,374	\$196,99
Science			
High Energy Physics High Energy Physics	\$2,992	\$2,932	\$2,22
Total High Energy Physics	\$2,992	\$2,932	\$2,22
Nuclear Physics Nuclear Physics	\$809	\$850	\$99
Total Nuclear Physics	\$809	\$850	\$99
Biological and Environmental Research Biological and Environmental Research	\$10,930	\$7,223	\$5,72
Total Biological and Environmental Research	\$10,930	\$7,223	\$5,72
Basic Energy Sciences Basic Energy Sciences	\$8,506	\$8,252	\$8,00
Total Basic Energy Sciences	\$8,506	\$8,252	\$8,00
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$1,317	\$1,409	\$1,64
Total Fusion Energy Sciences Program		\$1,409	
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$1,317 \$1,044	\$1,409 \$791	\$1,64 \$45

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# State Table

(Dollars In Thousands)

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olorado	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Advanced Scientific Computing Research	\$1,044	\$791	\$455
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$200	\$265	\$350
Total Workforce Development for Teachers and Scientists	\$200	\$265	\$350
Total Science	\$25,798	\$21,722	\$19,392
Defense Environmental Services Non-Closure Environmental Activities Non-Closure Environmental Activities	\$1,399	\$3,701	\$2,778
Total Non-Closure Environmental Activities	\$1,399	\$3,701	\$2,778
Community and Regulatory Support Community and Regulatory Support	\$2,979	\$2,795	\$3,050
Total Community and Regulatory Support	\$2,979	\$2,795	\$3,050
Program Direction Program Direction	\$23,254	\$22,530	\$760
Total Program Direction	\$23,254	\$22,530	\$760
Total Defense Environmental Services Other Defense Activities	\$27,632	\$29,026	\$6,588
Civilian Radioactive Waste Management Civilian Radioactive Waste Management Environment, Safety, and Health Environment, Safety, and Health	\$6,991 \$50	\$7,989 \$320	\$8,217 \$1,382
Total Environment, Safety, and Health	\$7,041	\$8,309	\$9,599
Office of Legacy Management Worker and Community Transition	\$1,800	\$0	\$0
Total Office of Legacy Management	\$1,800	\$0	\$0
Total Other Defense Activities	\$8,841	\$8,309	\$9,599
Defense Nuclear Nonproliferation Nonproliferation and International Security Nonproliferation and International Security	\$50	\$50	\$57
Total Nonproliferation and International Security	\$50	\$50	\$57
Nonproliferation Programs with Russia Russian Transition Initiatives Fissile Materials Disposition	\$1,631 \$800	\$1,697 \$0	\$1,702 \$0
Total Nonproliferation Programs with Russia	\$2,431	\$1,697	\$1,702
Total Defense Nuclear Nonproliferation Office of the Inspector General Office of the Inspector General	\$2,481	\$1,747	\$1,759

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### State Table

lorado	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Office of the Inspector General	\$1,434	\$1,448	\$1,589
Total Office of the Inspector General	\$1,434	\$1,448	\$1,589
Total Office of the Inspector General	\$1,434	\$1,448	\$1,589
Falcon & Amistad - Operating & Maintenance Fund Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance	\$3	\$2	<b>¢</b> 4
Falcon & Amistad - Operating and Maintenance  Total Falcon & Amistad Operating and Maintenance Fund	ან \$3	•	\$1
		\$2	\$1
Total Falcon & Amistad - Operating & Maintenance Fund Western Area Power Admin. Const., Rehab., O&M Systems Operation and Maintenance	\$3	\$2	\$1
Systems Operation and Maintenance	\$26,000	\$21,038	\$7,400
Total Systems Operation and Maintenance	\$26,000	\$21,038	\$7,400
Program Direction Program Direction	\$39,128	\$43,753	\$40,741
Total Program Direction	\$39,128	\$43,753	\$40,741
Total Western Area Power Admin. Const.,Rehab.,O&M	\$65,128	\$64,791	\$48,141
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$86,364	\$32,789	\$38,872
Total Equipment, Contracts and Other Related Expenses	\$86,364	\$32,789	\$38,872
Program Direction Program Direction	\$19,193	\$20,640	\$20,598
Total Program Direction	\$19,193	\$20,640	\$20,598
Total Colorado River Basins Power Marketing Fund	\$105,557	\$53,429	\$59,470
Fossil Energy Research and Development Coal and Other Power Systems Central Systems Fuels Advanced Research	\$2,723 \$0 \$275	\$2,309 \$0 \$0	\$2,585 \$270 \$0
Total Coal and Other Power Systems	\$2,998	\$2,309	\$2,855
Gas Natural Gas Technologies	\$285	\$123	\$0
Total Gas	\$285	\$123	\$0
Petroleum Oil Technology	\$0	\$100	\$0
Total Petroleum	\$0	\$100	\$0
Total Fossil Energy Research and Development	\$3,283	\$2,532	\$2,855

# FY 2005 Congressional Budget

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(Dollars In Thousands)

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rado	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
nergy Conservation			
Industrial Technologies			
Industries of the Future (Specific)	\$733	\$106	\$138
Industries of the Future (Crosscutting)	\$1,063	\$900	\$0
Total Industrial Technologies	\$1,796	\$1,006	\$138
Program Management			
Program Management	\$10,254	\$11,518	\$14,497
Total Program Management	\$10,254	\$11,518	\$14,497
Federal Energy Management Program			
Federal Energy Management Program	\$5,091	\$4,125	\$4,125
Total Federal Energy Management Program	\$5,091	\$4,125	\$4,125
Biomass & Biorefinery Systems R&D			
Utilization of Platform Output R&D	\$658	\$756	\$756
Industrial Gasification	\$118	\$0	\$0
Total Biomass & Biorefinery Systems R&D	\$776	\$756	\$756
Fuel Cell Technologies			
Transportation Systems	\$200	\$200	\$200
Distributed Energy Systems	\$210	\$210	\$210
Fuel Processor R&D	\$414	\$438	\$430
Stack Component R&D	\$0	\$105	\$205
Technology Validation	\$1,250	\$1,608	\$1,983
Technical/Program Management Support	\$20	\$0	\$0
Total Fuel Cell Technologies	\$2,094	\$2,561	\$3,028
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$5,392	\$5,482	\$6,343
State Energy Program	\$687	\$675	\$625
Other State Energy Activities	\$400	\$270	\$300
Gateway deployment	\$4,312	\$4,448	\$4,500
Total Weatherization and Intergovernmental Activities	\$10,791	\$10,875	\$11,768
Vehicle Technologies			
Vehicle Systems	\$2,519	\$3,158	\$2,500
Hybrid and Electric Propulsion	\$4,857	\$8,149	\$4,000
Advanced Combustion R&D	\$0	\$4,442	\$0
Fuels Technology	\$10,604	\$6,583	\$2,700
Technology Introduction	\$1,875	\$2,891	\$2,914
Total Vehicle Technologies	\$19,855	\$25,223	\$12,114
Distributed Energy Resources			
Distributed Generation Technology Development	\$1,814	\$1,814	\$1,814
Total Distributed Energy Resources	\$1,814	\$1,814	\$1,814
Building Technologies		<b>.</b>	
Residential Building	\$878	\$1,607	\$1,607

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### State Table

Colorado	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Commercial Building Integration Emerging Technologies	\$1,080 \$1,147	\$714 \$732	\$1,080 \$1,147
Total Building Technologies	\$3,105	\$3,053	\$3,834
Total Energy Conservation	\$55,576	\$60,931	\$52,074
Defense Site Acceleration Completion 2006 Accelerated Completions 2006 Accelerated Completions	\$624,707	\$620,825	\$642,516
Total 2006 Accelerated Completions	\$624,707	\$620,825	\$642,516
2035 Accelerated Completions 2035 Accelerated Completions	\$234	\$2,439	\$1,438
Total 2035 Accelerated Completions	\$234	\$2,439	\$1,438
Technology Development and Deployment Technology Development and Deployment	\$10,000	\$5,000	\$1,500
Total Technology Development and Deployment	\$10,000	\$5,000	\$1,500
Safeguards and Security Safeguards and Security	\$44,783	\$28,382	\$16,588
Total Safeguards and Security	\$44,783	\$28,382	\$16,588
Total Defense Site Acceleration Completion	\$679,724	\$656,646	\$662,042
Total Colorado	\$1,177,465	\$1,091,957	\$1,060,507

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#### State Table

(Dollars In Thousands)

onnecticut	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			•
High Energy Physics			
High Energy Physics	\$6,341	\$7,690	\$2,840
Total High Energy Physics	\$6,341	\$7,690	\$2,840
Nuclear Physics			
Nuclear Physics	\$4,660	\$4,651	\$4,555
Total Nuclear Physics	\$4,660	\$4,651	\$4,555
Biological and Environmental Research			
Biological and Environmental Research	\$0	\$235	\$0
Total Biological and Environmental Research	\$0	\$235	\$0
Basic Energy Sciences	/	•	
Basic Energy Sciences	\$2,123	\$1,485	\$1,634
Total Basic Energy Sciences	\$2,123	\$1,485	\$1,634
Total Science	\$13,124	\$14,061	\$9,029
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems	\$942	\$0	\$0
Distributed Generation Systems - Fuel Cells	\$9,451	\$9,870	\$0
Sequestration R&D	\$440	\$800	\$800
Total Coal and Other Power Systems	\$10,833	\$10,670	\$800
Gas			
Natural Gas Technologies	\$1,083	\$0	\$5
Total Gas	\$1,083	\$0	\$5
Total Fossil Energy Research and Development	\$11,916	\$10,670	\$805
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$2,467	\$2,507	\$3,488
State Energy Program	\$641	\$629	\$583
Total Weatherization and Intergovernmental Activities	\$3,108	\$3,136	\$4,071
Total Energy Conservation	\$3,108	\$3,136	\$4,071
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$2,340	\$1,800	\$1,800
Total Northeast Home Heating Oil Reserve	\$2,340	\$1,800	\$1,800
Total Northeast Home Heating Oil Reserve Account	\$2,340	\$1,800	\$1,800
tal Connecticut	\$30,488	\$29,667	\$15,705
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### State Table

elaware	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics	<b>#</b> 500	<b>#</b> 500	<b>0540</b>
High Energy Physics	\$530	\$530	\$548
Total High Energy Physics	\$530	\$530	\$548
Biological and Environmental Research			
Biological and Environmental Research	\$910	\$164	\$168
Total Biological and Environmental Research	\$910	\$164	\$168
Basic Energy Sciences			
Basic Energy Sciences	\$1,640	\$1,468	\$942
Total Basic Energy Sciences	\$1,640	\$1,468	\$942
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$59	\$59	\$59
Total Fusion Energy Sciences Program	\$59	\$59	\$59
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$150	\$150	\$150
Total Advanced Scientific Computing Research	\$150	\$150	\$150
Total Science	\$3,289	\$2,371	\$1,867
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$566	\$575	\$764
State Energy Program	\$313	\$307	\$285
Total Weatherization and Intergovernmental Activities	\$879	\$882	\$1,049
Total Energy Conservation	\$879	\$882	\$1,049
otal Delaware	\$4,168	\$3,253	\$2,916

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#### State Table

	EV 2002	FY 2004	FY 2005
District Of Columbia	FY 2003 Comp/Approp	Comp/Approp	Reques
Energy Supply			•
Electric Transmission and Distribution			
Research & Development	\$7,642	\$5,508	\$12,796
Energy Efficiency and Renewable Energy	Ψ1,042	φ0,000	Ψ12,700
Biomass and Biorefinery Systems R&D	\$45,194	\$55,106	\$42,18
Wind Energy	\$4,553	\$4,825	\$4,11
Program Direction	\$10,625	\$9,762	\$16,12
Geothermal Technology	\$265	\$2,871	\$5,00
Hydropower	\$49	\$1,919	\$2,59
Hydrogen Technology	\$17,699	\$63,414	\$65,61
Departmental Energy Management Program	\$1,445	\$1,963	\$1,96
Solar Energy	\$8,260	\$7,928	\$8,03
Intergovernmental Activities	\$1,000	\$800	\$1,00
Total Energy Efficiency and Renewable Energy		•	
	\$96,732	\$154,096	\$159,426
Research & Development	¢207	¢ດວວ	¢.
Nuclear Energy Plant Optimization	\$297	\$932	\$(
Nuclear Energy Research Initiative	\$33	\$296	\$1
Nuclear Energy Technologies	\$16,692	\$119 \$670	\$1,24
Nuclear Hydrogen Initiative	\$222	\$679	\$95
Advanced Fuel Cycle Initiative	\$1,367	\$3,102	\$500
Generation IV Nuclear Energy Systems Initiative	\$2,573	\$1,120	\$855
Total Research & Development	\$21,184	\$6,248	\$3,553
University Reactor Infrastructure and Education Assistance			
University Reactor Infrastructure and Education Assista		\$35	\$3
Total University Reactor Infrastructure and Education Assis	\$534	\$35	\$3
Program Direction - NE			
Program Direction - NE	\$19,452	\$22,416	\$24,47
Total Program Direction - NE	\$19,452	\$22,416	\$24,47
Infrastructure			
Radiological Facilities Management	\$896	\$452	\$45
Idaho Facilities Management	\$498	\$0	\$0
Total Infrastructure	\$1,394	\$452	\$452
Office of Legacy Management	. ,	·	
Office of Legacy Management	\$9,119	\$18,901	\$17,04 <sup>-</sup>
Total Office of Legacy Management	\$9,119	\$18,901	\$17,04
Total Energy Supply	\$148,415	\$202,148	\$204,98
Uranium Enrichment Decon. & Decom. Fund	Ψ170,710	Ψ202, 170	Ψ204,00
Uranium Enrichment Decon. & Decom. Fund Uranium Enrichment D&D Fund			
Uranium Enrichment D&D Fund Uranium Enrichment D&D Fund	\$15,896	\$50,699	\$100,614
	•		
Total Uranium Enrichment D&D Fund	\$15,896	\$50,699	\$100,614

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### State Table

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istrict Of Columbia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Uranium Enrichment Decon. & Decom. Fund	\$15,896	\$50,699	\$100,614
Science			
High Energy Physics			
High Energy Physics	\$4,008	\$62,099	\$85,756
Total High Energy Physics	\$4,008	\$62,099	\$85,756
Nuclear Physics  Nuclear Physics	\$2,383	\$27,337	\$25,738
Total Nuclear Physics	\$2,383	\$27,337	\$25,738
Biological and Environmental Research Biological and Environmental Research	\$4,266	\$207,611	\$107,806
Total Biological and Environmental Research	\$4,266	\$207,611	\$107,806
Basic Energy Sciences Basic Energy Sciences	\$7,755	\$73,769	\$151,476
Total Basic Energy Sciences	\$7,755	\$73,769	\$151,476
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$1,453	\$14,299	\$21,894
Total Fusion Energy Sciences Program		• •	\$21,894
Science Laboratories Infrastructure	\$1,453	\$14,299	<b>Φ21,094</b>
Science Laboratories Infrastructure	\$4,285	\$12,975	\$0
Total Science Laboratories Infrastructure	\$4,285	\$12,975	\$0
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$1,711	\$69,299	\$72,311
Total Advanced Scientific Computing Research	\$1,711	\$69,299	\$72,311
Program Direction Program Direction	\$61,015	\$66,101	\$65,512
Total Program Direction	\$61,015	\$66,101	\$65,512
Safeguards and Security	ΨΟΊ,ΟΊΟ	ψου, το τ	ψ00,012
Safeguards and Security	\$330	\$335	\$337
Total Safeguards and Security	\$330	\$335	\$337
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$18	\$937	\$132
Total Workforce Development for Teachers and Scientists	\$18	\$937	\$132
Total Science	\$87,224	\$534,762	\$530,962
Weapons Activities	<b>40.</b> ,== .	ψου .,. σ <u>–</u>	4000,002
Science Campaign			
Science Campaign	\$211	\$28,809	\$18,578
Total Science Campaign	\$211	\$28,809	\$18,578
Engineering Campaign			

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#### State Table

(Dollars In Thousands)

istrict Of Columbia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Engineering Campaign	\$0	\$662	\$623
Total Engineering Campaign	\$0	\$662	\$623
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$22,467	\$33,693	\$18,825
Total Inertial Confinement Fusion and High Yield Campaig	\$22,467	\$33,693	\$18,825
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$187,092	\$270,599	\$306,522
Total 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
Total Pit Manufacturing and Certification Campaign	\$25	\$19,045	\$36,947
Readiness Campaign Readiness Campaign	\$300	\$7,864	\$14,233
Total Readiness Campaign	\$300	\$7,864	\$14,233
Nuclear Weapons Incident Response Nuclear Weapons Incident Response	\$2,201	\$2,648	\$4,961
Total 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
Total Facilities and Infrastructure Recapitalization Program	\$711	\$1,036	\$26,282
Safeguards and Security Safeguards and Security	\$37,358	\$47,610	\$47,089
Total Safeguards and Security	\$37,358	\$47,610	\$47,089
Total Weapons Activities	\$250,365	\$411,966	\$474,060
Defense Environmental Services			
Non-Closure Environmental Activities  Non-Closure Environmental Activities	\$120,412	\$77,024	\$75,688
Total Non-Closure Environmental Activities	\$120,412	\$77,024	\$75,688
Program Direction Program Direction	\$57,240	\$55,968	\$63,785
Total 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
Total Federal Contribution to the UE D&D Fund	\$432,731	\$449,333	\$463,000
Total Defense Environmental Services	\$610,383	\$582,325	\$602,473
Other Defense Activities Energy Security and Assurance Energy Security	\$4,185	\$2,457	\$10,600

FY 2005 Congressional Budget

### State Table

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Total Energy Security and Assurance		FY 2003	FY 2004	FY 2005
Hearings and Appeals	rict Of Columbia	Comp/Approp	Comp/Approp	Reques
Hearings and Appeals   \$2,914   \$3,775   \$4,31      Total Hearings and Appeals   \$2,914   \$3,775   \$4,31      Security   \$12,879   \$16,709   \$17,92      Security   \$12,879   \$16,709   \$17,92      Security Investigations   \$7,712   \$8,098   \$17,92      Security Investigations   \$7,712   \$8,098   \$17,92      Security Investigations   \$7,753   \$16,69      Total Security   \$66,259   \$70,761   \$78,69      Office of Legacy Management   \$6,819   \$7,753   \$12,64      Worker and Community Transition   \$3,353   \$9,266   \$2,500     Program Direction   \$11,720   \$13,009   \$13,200     Total Office of Legacy Management   \$21,892   \$30,028   \$28,34      Program Direction, NE   \$2,982   \$2,034   \$1,28      Total Program Direction, NE   \$2,982   \$2,034   \$1,28      Total Program Direction, NE   \$2,982   \$2,034   \$1,28      Solution Office of Legacy Management   \$2,982   \$2,034   \$1,28      Solution Office of Legacy Management   \$2,982   \$2,034   \$1,28      Total Program Direction, NE   \$2,982   \$2,034   \$1,28      Solution Office of Legacy Management   \$2,183   \$3,775   \$6,33      Solution Office of Legacy Management   \$2,183   \$2,00   \$2,00     Office of Legacy Mana	Total Energy Security and Assurance	\$4,185	\$2,457	\$10,600
Security		\$2,914	\$3,775	\$4,318
Program Direction	Total Hearings and Appeals	\$2,914	\$3,775	\$4,318
Nuclear Safeguards and Security   \$12,879   \$16,709   \$17,926   \$8,001   \$7,112   \$8,098   \$8,001   \$7,112   \$8,098   \$8,001   \$7,112   \$8,098   \$8,001   \$7,112   \$8,098   \$8,001   \$7,112   \$8,098   \$8,001   \$7,112   \$8,098   \$8,001   \$7,112   \$8,098   \$8,001   \$7,112   \$8,098   \$8,001   \$7,763   \$12,641   \$1,001   \$1,009				
Security Investigations   \$7,112				
Total Security				
Office of Legacy Management         \$6,819         \$7,753         \$12,64           Worker and Community Transition         \$3,353         \$9,266         \$2,50           Program Direction         \$11,720         \$13,009         \$13,20           Total Office of Legacy Management         \$21,892         \$30,028         \$28,34           Program Direction, NE         \$2,982         \$2,034         \$1,28           Program Direction, NE         \$2,982         \$2,034         \$1,28           Intel Program Direction, NE         \$2,982         \$2,034         \$1,28           Int	Security Investigations	\$7,112	\$8,098	\$8,007
Office of Legacy Management         \$6,819         \$7,753         \$12,64           Worker and Community Transition         \$3,353         \$9,266         \$2,501           Program Direction         \$11,720         \$13,009         \$13,209           Total Office of Legacy Management         \$21,892         \$30,028         \$28,341           Program Direction, NE         \$2,982         \$2,034         \$1,286           Program Direction, NE         \$2,982         \$2,034         \$1,286           Intal Other Defense Activities         \$98,232         \$109,055         \$123,232           Perfense Nuclear Nonproliferation         Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,622           Total Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,622           Nonproliferation and International Security         \$12,726         \$7,937         \$5,617           Total Nonproliferation and International Security         \$12,726         \$7,937         \$5,617           Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperation         \$18,105         \$3,775         \$6,331           Russian Transition Initiatives         \$12,755         \$13,132         \$14,111           HEU Transparency Implementation         \$100	Total Security	\$66,259	\$70,761	\$78,692
Worker and Community Transition Program Direction         \$3,353         \$9,266         \$2,500           Program Direction         \$11,720         \$13,009         \$13,20           Total Office of Legacy Management         \$21,892         \$30,028         \$28,34           Program Direction, NE         \$2,982         \$2,034         \$1,28           Total Program Direction, NE         \$2,982         \$2,034         \$1,28           Dotal Other Defense Activities         \$98,232         \$109,055         \$123,23           efense Nuclear Nonproliferation         Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,62           Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,62           Total Nonproliferation and International Security         \$12,726         \$7,937         \$5,61           Total Nonproliferation and International Security         \$12,726         \$7,937         \$5,61           Nonproliferation Programs with Russia         International Nuclear Materials Protection & Cooperatio         \$18,105         \$3,775         \$6,33           Russian Transition Initiatives         \$12,755         \$13,132         \$14,11           HEU Transparency Implementation         \$800         \$0         \$1           Illimination of Weapons -Grade Plutonium		<b>#0.040</b>	<b>#7.750</b>	<b>040.04</b>
Program Direction         \$11,720         \$13,009         \$13,20           Total Office of Legacy Management         \$21,892         \$30,028         \$28,34           Program Direction, NE         \$2,982         \$2,034         \$1,28           Total Program Direction, NE         \$2,982         \$2,034         \$1,28           Ital Other Defense Activities         \$98,232         \$109,055         \$123,23           Refense Nuclear Nonproliferation         8D         \$1,020         \$4,960         \$6,62           Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,62           Nonproliferation and International Security         \$12,726         \$7,937         \$5,61           Nonproliferation and International Security         \$12,726         \$7,937         \$5,61           Total Nonproliferation and International Security         \$12,726         \$7,937         \$5,61           Nonproliferation Programs with Russia         International Nuclear Materials Protection & Cooperatio         \$18,105         \$3,775         \$6,33           Russian Transition Initiatives         \$12,755         \$13,132         \$14,11           HEU Transparency Implementation         \$100         \$0         \$1           International Nuclear Safety and Cooperation         \$800         \$0 </td <td></td> <td></td> <td></td> <td></td>				
Total Office of Legacy Management         \$21,892         \$30,028         \$28,345           Program Direction, NE         \$2,982         \$2,034         \$1,286           Program Direction, NE         \$2,982         \$2,034         \$1,286           Intal Other Defense Activities         \$98,232         \$109,055         \$123,235           Sefense Nuclear Nonproliferation         Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,625           Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,625           Nonproliferation and International Security         \$12,726         \$7,937         \$5,617           Nonproliferation and International Security         \$12,726         \$7,937         \$5,617           Total Nonproliferation and International Security         \$12,726         \$7,937         \$5,617           Total Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperation         \$18,105         \$3,775         \$6,331           Russian Transition Initiatives         \$12,755         \$13,132         \$14,111           HEU Transparency Implementation         \$100         \$0         \$1           International Nuclear Safety and Cooperation         \$800         \$0         \$1           Elimination of Weapons - Grade Plutonium P	•			
Program Direction, NE         \$2,982         \$2,034         \$1,286           Total Program Direction, NE         \$2,982         \$2,034         \$1,286           stal Other Defense Activities         \$98,232         \$109,055         \$123,236           efense Nuclear Nonproliferation         Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,626           Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,626           Total Nonproliferation and International Security         \$12,726         \$7,937         \$5,617           Nonproliferation and International Security         \$12,726         \$7,937         \$5,617           Total Nonproliferation and International Security         \$12,726         \$7,937         \$5,617           Nonproliferation Programs with Russia         \$12,726         \$7,937         \$5,617           Nonproliferation Programs with Russia         \$12,755         \$13,132         \$14,119           HEU Transparency Implementation         \$100         \$0         \$14,119           HEU Transparency Implementation         \$800         \$0         \$14,119           Elimination of Weapons -Grade Plutonium Production P         \$449         \$200         \$200           Fissile Materials Disposition         \$77,217         \$51,670 </td <td></td> <td>\$11,720</td> <td>\$13,009</td> <td>\$13,201</td>		\$11,720	\$13,009	\$13,201
Program Direction, NE         \$2,982         \$2,034         \$1,286           Total Program Direction, NE         \$2,982         \$2,034         \$1,286           Stal Other Defense Activities         \$98,232         \$109,055         \$123,235           Sefense Nuclear Nonproliferation         Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,625           Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,625           Total Nonproliferation and International Security         \$10,20         \$4,960         \$6,625           Nonproliferation and International Security         \$10,20         \$4,960         \$6,625           Total Nonproliferation and International Security         \$12,726         \$7,937         \$5,617           Total Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio         \$18,105         \$3,775         \$6,331           Russian Transition Initiatives         \$12,755         \$13,132         \$14,115           HEU Transparency Implementation         \$100         \$0         \$1           International Nuclear Safety and Cooperation         \$800         \$0         \$1           Elimination of Weapons -Grade Plutonium Production P         \$449         \$200         \$20           Fissile Materials Disposi		\$21,892	\$30,028	\$28,345
Total Program Direction, NE         \$2,982         \$2,034         \$1,28-2           otal Other Defense Activities         \$98,232         \$109,055         \$123,23           efense Nuclear Nonproliferation         Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,62           Nonproliferation and Verification R&D         \$1,020         \$4,960         \$6,62           Nonproliferation and International Security         \$12,726         \$7,937         \$5,61           Nonproliferation and International Security         \$12,726         \$7,937         \$5,61           Nonproliferation and International Security         \$12,726         \$7,937         \$5,61           Nonproliferation Programs with Russia         International Nuclear Materials Protection & Cooperatio         \$18,105         \$3,775         \$6,33           Russian Transition Initiatives         \$12,755         \$13,132         \$14,11           HEU Transparency Implementation         \$100         \$0         \$1           International Nuclear Safety and Cooperation         \$800         \$0         \$2           Elimination of Weapons -Grade Plutonium Production P         \$449         \$200         \$20           Fissile Materials Disposition         \$77,217         \$51,670         \$9,00           Accelerated Materials D		\$2 982	\$2 034	\$1 284
stal Other Defense Activities  sefense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D Nonproliferation and Verification R&D Nonproliferation and Verification R&D  Nonproliferation and International Security Nonproliferation and International Security Nonproliferation and International Security  Nonproliferation and International Security  Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio International Nuclear Materials Protection & S12,755  HEU Transparency Implementation International Nuclear Safety and Cooperation S12,755  S13,132 S14,11: HEU Transparency Implementation S100 S0 S1 International Nuclear Safety and Cooperation S800 S0 S1 Elimination of Weapons -Grade Plutonium Production P S449 S200 S201 Fissile Materials Disposition Accelerated Materials Disposition Total Nonproliferation Programs with Russia  Total Nonproliferation Programs with Russia S109,429 S68,777 S29,64:  S41,88:  S41,88:  S42,153 S4,687 S3,000			•	
Sefense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D Nonproliferation and Verification R&D Nonproliferation and Verification R&D Nonproliferation and International Security Nonproliferation and International Security Nonproliferation and International Security Nonproliferation and International Security Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Russian Transition Initiatives HEU Transparency Implementation International Nuclear Safety and Cooperation Elimination of Weapons - Grade Plutonium Production P Fissile Materials Disposition Accelerated Materials Disposition Accelerated Materials Disposition Total Nonproliferation Programs with Russia  Total Nonproliferation Programs with Russia  Total Defense Nuclear Nonproliferation Naval Reactors Naval Reactors Development				
Nonproliferation and International Security Nonproliferation and International Security  Total Nonproliferation and International Security  Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Russian Transition Initiatives HEU Transparency Implementation International Nuclear Safety and Cooperation Elimination of Weapons -Grade Plutonium Production P Fissile Materials Disposition Accelerated Materials Disposition Total Nonproliferation Programs with Russia  Total Nonproliferation Programs with Russia  Naval Reactors Naval Reactors Development	Nonproliferation and Verification R&D	\$1,020	\$4,960	\$6,625
Nonproliferation and International Security Nonproliferation and International Security  **Total Nonproliferation and International Security  Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Russian Transition Initiatives HEU Transparency Implementation International Nuclear Safety and Cooperation Elimination of Weapons -Grade Plutonium Production P Fissile Materials Disposition Accelerated Materials Disposition  **Total Nonproliferation Programs with Russia**  **Total Nonproliferation Programs with Russia**  **Total Pofense Nuclear Nonproliferation Naval Reactors Development  **Nonproliferation International Security  **Total Nonproliferation Programs with Russia**  **Source State	Total Nonproliferation and Verification R&D	\$1,020	\$4,960	\$6,625
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Russian Transition Initiatives HEU Transparency Implementation International Nuclear Safety and Cooperation Elimination of Weapons -Grade Plutonium Production P Fissile Materials Disposition Accelerated Materials Disposition Accelerated Materials Disposition Total Nonproliferation Programs with Russia  Total Nonproliferation Programs with Russia  S109,429 S68,777 S29,644  S41,883  Saval Reactors Naval Reactors Development Naval Reactors Development Naval Reactors Development Naval Reactors Development S2,153 S4,687 S3,006				\$5,617
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Russian Transition Initiatives HEU Transparency Implementation International Nuclear Safety and Cooperation Elimination of Weapons -Grade Plutonium Production P Fissile Materials Disposition Accelerated Materials Disposition Total Nonproliferation Programs with Russia  Total Defense Nuclear Nonproliferation Naval Reactors Naval Reactors Development Naval Reactors Development Naval Reactors Development Service State Sta	Total Nonproliferation and International Security	\$12.726	\$7.937	\$5.617
International Nuclear Materials Protection & Cooperatio \$18,105 \$3,775 \$6,336 Russian Transition Initiatives \$12,755 \$13,132 \$14,115 HEU Transparency Implementation \$100 \$0 \$100 \$100 \$100 \$100 \$100 \$100	Nonproliferation Programs with Russia	, , -	, ,	, -
Russian Transition Initiatives \$12,755 \$13,132 \$14,115  HEU Transparency Implementation \$100 \$0 \$1  International Nuclear Safety and Cooperation \$800 \$0 \$1  Elimination of Weapons -Grade Plutonium Production P \$449 \$200 \$200  Fissile Materials Disposition \$77,217 \$51,670 \$9,000  Accelerated Materials Disposition \$3 \$0 \$1  Total Nonproliferation Programs with Russia \$109,429 \$68,777 \$29,645  Potal Defense Nuclear Nonproliferation \$123,175 \$81,674 \$41,887  avail Reactors  Naval Reactors Development \$2,153 \$4,687 \$3,000		\$18,105	\$3,775	\$6,330
HEU Transparency Implementation \$100 \$0 \$1 International Nuclear Safety and Cooperation \$800 \$0 \$1 Elimination of Weapons - Grade Plutonium Production P \$449 \$200 \$200 Fissile Materials Disposition \$77,217 \$51,670 \$9,000 Accelerated Materials Disposition \$3 \$0 \$1 Fixed Nonproliferation Programs with Russia \$109,429 \$68,777 \$29,645 Fixed Defense Nuclear Nonproliferation \$123,175 \$81,674 \$41,887 Fixed Reactors Naval Reactors Development \$123,175 \$1,670 \$1,000 Fixed Plant Programs With Russia \$109,429 \$1,674 \$1,887 Fixed Reactors Development \$1,000 Fixed Plant Programs With Russia \$1,000 Fixed Plant Plant Programs With Russia \$1,000 Fixed Pl				
International Nuclear Safety and Cooperation \$800 \$0 \$1 \$200 \$200 \$200 \$200 \$200 \$200 \$	HEU Transparency Implementation	\$100	\$0	\$0
Elimination of Weapons -Grade Plutonium Production P \$449 \$200 \$200 Fissile Materials Disposition \$77,217 \$51,670 \$9,000 Accelerated Materials Disposition \$3 \$0 \$109,429 \$68,777 \$29,640 Acceleration Programs with Russia \$109,429 \$68,777 \$29,640 Accelerate Nuclear Nonproliferation \$123,175 \$81,674 \$41,880 Accelerate Nuclear Nuclea		\$800		\$0
Fissile Materials Disposition \$77,217 \$51,670 \$9,000 Accelerated Materials Disposition \$3 \$0 \$100,429 \$68,777 \$29,645 Accelerated Nonproliferation Programs with Russia \$109,429 \$68,777 \$29,645 Accelerate Nuclear Nonproliferation \$123,175 \$81,674 \$41,885 Accelerate Nuclear Nucle	· · · · · · · · · · · · · · · · · · ·			\$200
Accelerated Materials Disposition \$3 \$0 \$1  Total Nonproliferation Programs with Russia \$109,429 \$68,777 \$29,645  otal Defense Nuclear Nonproliferation \$123,175 \$81,674 \$41,885  aval Reactors Naval Reactors Development Naval Reactors Development \$2,153 \$4,687 \$3,000			\$51,670	\$9,000
otal Defense Nuclear Nonproliferation \$123,175 \$81,674 \$41,88° aval Reactors Naval Reactors Development Naval Reactors Development \$2,153 \$4,687 \$3,000	· ·			\$0
aval Reactors  Naval Reactors Development  Naval Reactors Development  \$2,153 \$4,687 \$3,000	Total Nonproliferation Programs with Russia	\$109,429	\$68,777	\$29,645
Naval Reactors Development  Naval Reactors Development \$2,153 \$4,687 \$3,000	otal Defense Nuclear Nonproliferation	\$123,175	\$81,674	\$41,887
Naval Reactors Development  Naval Reactors Development \$2,153 \$4,687 \$3,000	aval Reactors			
Naval Reactors Development \$2,153 \$4,687 \$3,000				
Total Naval Reactors Development \$2,153 \$4,687 \$3,000		\$2,153	\$4,687	\$3,000
	Total Naval Reactors Development	\$2,153	\$4,687	\$3,000

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### State Table

(Dollars In Thousands)

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strict Of Columbia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Program Direction Program Direction	\$9,958	\$11,609	\$13,750
Total Program Direction	\$9,958	\$11,609	\$13,750
Total Naval Reactors	\$12,111	\$16,296	\$16,750
Office of the Administrator Office of the Administrator Office of the Administrator	\$140,296	\$142,773	\$140,383
Total Office of the Administrator	\$140,296	\$142,773	\$140,383
Total Office of the Administrator	\$140,296	\$142,773	\$140,383
Departmental Administration Policy & International Affairs Program Direction Policy Analysis and System Studies Environmental Policy Studies Energy Security and Assurance	\$13,529 \$597 \$398 \$1,493	\$13,762 \$567 \$395 \$0	\$17,977 \$567 \$395 \$0
Total Policy & International Affairs	\$16,017	\$14,724	\$18,939
Congressional, and Intergovernmental Affairs Program Direction	\$4,906	\$4,430	\$4,956
Total Congressional, and Intergovernmental Affairs	\$4,906	\$4,430	\$4,956
Public Affairs Program Direction	\$3,864	\$3,837	\$4,649
Total Public Affairs	\$3,864	\$3,837	\$4,649
General Counsel General Counsel	\$21,626	\$19,913	\$23,349
Total General Counsel	\$21,626	\$19,913	\$23,349
Office of the Secretary Office of the Secretary	\$4,262	\$4,233	\$5,441
Total Office of the Secretary	\$4,262	\$4,233	\$5,441
Board of Contract Appeals  Board of Contract Appeals	\$736	\$651	\$653
Total Board of Contract Appeals	\$736	\$651	\$653
Management, Budget & Evaluation Program Direction	\$89,465	\$85,588	\$86,952
Total Management, Budget & Evaluation	\$89,465	\$85,588	\$86,952
Economic Impact & Diversity Program Direction Minority Economic Impact	\$4,953 \$1,194	\$4,680 \$1,187	\$5,400 \$830
Total Economic Impact & Diversity	\$6,147	\$5,867	\$6,230

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### State Table

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strict Of Columbia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Chief Information Officer			<u> </u>
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
Total Chief Information Officer	\$62,292	\$74,693	\$97,808
Total Departmental Administration	\$209,315	\$213,936	\$248,977
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$10,165	\$11,007	\$11,061
Total Office of the Inspector General	\$10,165	\$11,007	\$11,061
Total Office of the Inspector General	\$10,165	\$11,007	\$11,061
Bonneville Power Administration Fund			
Bonneville Power Administration			
Bonneville Power Administration	\$1,349	\$1,168	\$1,275
Total Bonneville Power Administration	\$1,349	\$1,168	\$1,275
Total Bonneville Power Administration Fund	\$1,349	\$1,168	\$1,275
Western Area Power Admin. Const., Rehab., O&M			
Program Direction			
Program Direction	\$404	\$434	\$402
Total Program Direction	\$404	\$434	\$402
Total Western Area Power Admin. Const.,Rehab.,O&M	\$404	\$434	\$402
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$11,282	\$8,686	\$0
Total Equipment, Contracts and Other Related Expenses	\$11,282	\$8,686	\$0
Total Colorado River Basins Power Marketing Fund	\$11,282	\$8,686	\$0
Federal Energy Regulatory Commission			
Energy Infrastructure			
Energy Infrastructure	\$118,294	\$123,335	\$126,325
Total Energy Infrastructure	\$118,294	\$123,335	\$126,325
Competitive Markets	000.045	<b>#45.000</b>	<b>#</b> 40.700
Competitive Markets	\$38,615	\$45,083	\$46,768
Total Competitive Markets	\$38,615	\$45,083	\$46,768
Market Oversight  Market Oversight	\$35,091	\$35,982	\$36,907
Total Market Oversight	\$35,091	\$35,982	\$36,907
Total Federal Energy Regulatory Commission	\$192,000	\$204,400	\$210,000

FY 2005 Congressional Budget

### State Table

(Dollars In Thousands)

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strict Of Columbia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems	\$120	\$150	\$150
Sequestration R&D	\$2,612	\$0 \$004	\$0
Advanced Research Clean Coal Power Initiative	\$628 \$1.400	\$801 \$1,788	\$809
	\$1,490	•	\$2,420
Total Coal and Other Power Systems	\$4,850	\$2,739	\$3,379
Gas Natural Gas Technologies	¢1 120	\$2,076	<b>¢625</b>
Total Gas	\$1,130		\$635
	\$1,130	\$2,076	\$635
Petroleum	<b>#0.000</b>	<b>CO 004</b>	<b>#450</b>
Oil Technology	\$2,333	\$2,824	\$150
Total Petroleum	\$2,333	\$2,824	\$150
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$99	\$96	\$60
Total Fossil Energy Environmental Restoration	\$99	\$96	\$60
Import/Export Authorization	·	·	·
Import/Export Authorization	\$348	\$320	\$180
Total Import/Export Authorization	\$348	\$320	\$180
National Academy of Sciences Program Review	,	,	,
National Academy of Sciences Program Review	\$497	\$494	\$0
Total National Academy of Sciences Program Review	\$497	\$494	\$C
Total Fossil Energy Research and Development	\$9,257	\$8,549	\$4,404
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves	\$3,376	\$2,327	\$2,428
Total Naval Petroleum and Oil Shale Reserves	\$3,376	\$2,327	\$2,428
Total Naval Petroleum and Oil Shale Reserves	\$3,376	\$2,327	\$2,428
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
Total Industrial Technologies	\$70,215	\$72,812	\$50,295
Program Management			
Program Management	\$48,813	\$56,361	\$49,353
Total Program Management	\$48,813	\$56,361	\$49,353
Federal Energy Management Program			
Federal Energy Management Program	\$4,078	\$7,362	\$5,546

### FY 2005 Congressional Budget

### State Table

(Dollars In Thousands)

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ct Of Columbia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Federal Energy Management Program	\$4,078	\$7,362	\$5,546
Biomass & Biorefinery Systems R&D Utilization of Platform Output R&D Technical/Program Management Support Industrial Gasification	\$7,537 \$811 \$283	\$5,313 \$396 \$0	\$6,853 \$400 \$0
Total Biomass & Biorefinery Systems R&D	\$8,631	\$5,709	\$7,253
Fuel Cell Technologies Transportation Systems Distributed Energy Systems Fuel Processor R&D Stack Component R&D Technology Validation Technical/Program Management Support	\$1,638 \$2,321 \$1,122 \$497 \$0 \$0	\$5,386 \$6,868 \$7,796 \$15,893 \$7,994 \$395	\$5,980 \$7,000 \$7,369 \$18,657 \$15,742 \$542
Total Fuel Cell Technologies	\$5,578	\$44,332	\$55,290
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program Other State Energy Activities Gateway deployment	\$640 \$295 \$4,325 \$27,758	\$649 \$290 \$1,574 \$21,419	\$844 \$269 \$1,573 \$15,966
Total Weatherization and Intergovernmental Activities	\$33,018	\$23,932	\$18,652
Vehicle Technologies Vehicle Systems Hybrid and Electric Propulsion Advanced Combustion R&D Materials Technology Fuels Technology Technology Introduction Technical/Program Management Support	\$532 \$777 \$1,442 \$692 \$461 \$1,110 \$1,131	\$511 \$2,020 \$5,214 \$2,462 \$2,088 \$47 \$2,095	\$933 \$17,100 \$4,936 \$3,937 \$0 \$1,500 \$1,903
Total Vehicle Technologies	\$6,145	\$14,437	\$30,309
Distributed Energy Resources Distributed Generation Technology Development End-Use Systems Integration and Interface	\$23,212 \$3,707	\$22,499 \$4,588	\$19,854 \$3,863
Total Distributed Energy Resources	\$26,919	\$27,087	\$23,717
Building Technologies Residential Building Commercial Building Integration Emerging Technologies Equipment Standards and Analysis Technical/Program Management Support	\$9,008 \$907 \$18,134 \$4,885 \$1,609	\$8,250 \$2,350 \$17,404 \$5,657 \$1,481	\$15,078 \$1,516 \$13,940 \$3,050 \$1,500
Total Building Technologies	\$34,543	\$35,142	\$35,084
tal Energy Conservation	\$237,940	\$287,174	\$275,499

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#### State Table

(Dollars In Thousands)

strict Of Columbia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Nuclear Waste Fund			
Nuclear Waste Disposal	<b>*</b> 40 <b>=</b> 40	<b>*==</b> 0.40	<b>*</b> 0 <b>=</b> 040
Program Direction	\$46,743	\$55,319	\$67,340
Total Nuclear Waste Disposal	\$46,743	\$55,319	\$67,340
Total Nuclear Waste Fund	\$46,743	\$55,319	\$67,340
Defense Nuclear Waste Disposal			
Defense Nuclear Waste Disposal	ФО.	<b>#20.000</b>	Φ0
Defense Nuclear Waste Disposal	\$0	\$30,000	\$0
Total Defense Nuclear Waste Disposal	\$0	\$30,000	\$0
Total Defense Nuclear Waste Disposal	\$0	\$30,000	\$0
Defense Site Acceleration Completion			
Technology Development and Deployment			
Technology Development and Deployment	\$38,007	\$34,748	\$46,729
Total Technology Development and Deployment	\$38,007	\$34,748	\$46,729
High Level Waste Legislative Proposal High Level Waste	\$0	\$0	¢240 442
	•	•	\$249,442
Total High Level Waste Legislative Proposal	\$0	\$0	\$249,442
Total Defense Site Acceleration Completion	\$38,007	\$34,748	\$296,171
Economic Regulation			
Hearings and Appeals	<b>.</b>		•
Hearings and Appeals	\$1,477	\$1,034	\$0
Total Hearings and Appeals	\$1,477	\$1,034	\$0
Total Economic Regulation	\$1,477	\$1,034	\$0
Strategic Petroleum Reserve			
Storage Facilities Operations			
SPR - Facilities Development	\$3,469	\$4,618	\$5,120
Total Storage Facilities Operations	\$3,469	\$4,618	\$5,120
Total Strategic Petroleum Reserve	\$3,469	\$4,618	\$5,120
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$200	\$239	\$300
Total Northeast Home Heating Oil Reserve	\$200	\$239	\$300
Total Northeast Home Heating Oil Reserve Account	\$200	\$239	\$300
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$65,895	\$64,775	\$66,172
Total Energy Information Administration	\$65,895	\$64,775	\$66,172
	. ,	• •	. ,

State Table (Dollars In Thousands)

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District Of Columbia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Energy Information Administration	\$65,895	\$64,775	\$66,172
Total District Of Columbia	\$2,316,976	\$3,060,112	\$3,424,500

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#### State Table

(Dollars In Thousands)

orida	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics			
High Energy Physics	\$3,058	\$2,896	\$2,740
Total High Energy Physics	\$3,058	\$2,896	\$2,740
Nuclear Physics Nuclear Physics	\$971	\$897	\$901
Total Nuclear Physics	\$971	\$897	\$901
Biological and Environmental Research Biological and Environmental Research	\$3,451	\$1,561	\$1,041
Total Biological and Environmental Research	\$3,451	\$1,561	\$1,041
Basic Energy Sciences Basic Energy Sciences	\$2,313	\$1,497	\$1,534
Total Basic Energy Sciences	\$2,313	\$1,497	\$1,534
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$327	\$327	\$194
Total Fusion Energy Sciences Program	\$327	\$327	\$194
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$83	\$98	\$83
Total Advanced Scientific Computing Research	\$83	\$98	\$83
Safeguards and Security Safeguards and Security	\$11,300	\$11,688	\$15,872
Total Safeguards and Security	\$11,300	\$11,688	\$15,872
Total Science	\$21,503	\$18,964	\$22,365
Other Defense Activities	Ψ21,000	Ψ10,001	Ψ22,000
Office of Legacy Management			
Office of Legacy Management	\$5,733	\$6,533	\$6,550
Worker and Community Transition	\$2,260	\$1,400	\$0
Total Office of Legacy Management	\$7,993	\$7,933	\$6,550
Total Other Defense Activities	\$7,993	\$7,933	\$6,550
Southeastern Power Admin Operation & Maint.			
Purchase Power and Wheeling	***	***	•
Purchase Power and Wheeling	\$600	\$600	\$0
Total Purchase Power and Wheeling	\$600	\$600	\$0
Total Southeastern Power Admin Operation & Maint.	\$600	\$600	\$0
Fossil Energy Research and Development			
Coal and Other Power Systems	<b></b> .		
Central Systems	\$771	\$933 \$484	\$0 \$500
Advanced Research	\$440	\$484	\$500

State Table (Dollars In Thousands)

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Florida	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Coal and Other Power Systems	\$1,211	\$1,417	\$500
Gas Natural Gas Technologies	\$222	\$14	\$0
Total Gas	\$222	\$14	\$0
Total Fossil Energy Research and Development	\$1,433	\$1,431	\$500
Energy Conservation Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$1,927	\$1,957	\$3,506
State Energy Program	\$1,563	\$1,535	\$1,423
Total Weatherization and Intergovernmental Activities	\$3,490	\$3,492	\$4,929
Total Energy Conservation	\$3,490	\$3,492	\$4,929
Total Florida	\$35,019	\$32,420	\$34,344

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#### State Table

eorgia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply			
Energy Efficiency and Renewable Energy			
Wind Energy	\$140	\$75	\$75
Solar Energy	\$50	\$50	\$50
Total Energy Efficiency and Renewable Energy	\$190	\$125	\$125
Total Energy Supply	\$190	\$125	\$125
Science			
Nuclear Physics			
Nuclear Physics	\$410	\$435	\$415
Total Nuclear Physics	\$410	\$435	\$415
Biological and Environmental Research Biological and Environmental Research	\$2,106	\$2,012	\$1,614
Total Biological and Environmental Research	\$2,106	\$2,012	\$1,614
Basic Energy Sciences	. ,	. ,	. ,
Basic Energy Sciences	\$7,256	\$3,876	\$3,498
Total Basic Energy Sciences	\$7,256	\$3,876	\$3,498
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$555	\$306	\$245
Total Fusion Energy Sciences Program	\$555	\$306	\$245
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$965	\$256	\$815
Total Advanced Scientific Computing Research	\$965	\$256	\$815
		<u> </u>	
Total Science	\$11,292	\$6,885	\$6,587
Southeastern Power Admin Operation & Maint.			
Purchase Power and Wheeling	<b>COE E44</b>	<b>COE 106</b>	<b>ው</b>
Purchase Power and Wheeling	\$25,514	\$25,186	\$0
Total Purchase Power and Wheeling	\$25,514	\$25,186	\$0
Program Direction			
Program Direction	\$4,577	\$5,070	\$5,200
Total Program Direction	\$4,577	\$5,070	\$5,200
Total Southeastern Power Admin Operation & Maint.	\$30,091	\$30,256	\$5,200
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems	\$50	\$0	\$0
Sequestration R&D	\$450	\$665	\$480
Advanced Research	\$150	\$150	\$150
Total Coal and Other Power Systems	\$650	\$815	\$630
Petroleum			

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#### State Table

(Dollars In Thousands)

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Georgia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Oil Technology	\$50	\$0	\$0
Total Petroleum	\$50	\$0	\$0
Total Fossil Energy Research and Development	\$700	\$815	\$630
Energy Conservation Program Management Program Management	\$2,979	\$2,915	\$3,268
Total Program Management	\$2,979	\$2,915	\$3,268
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$2,882 \$1,018	\$2,929 \$1,000	\$4,150 \$927
Total Weatherization and Intergovernmental Activities	\$3,900	\$3,929	\$5,077
Total Energy Conservation	\$6,879	\$6,844	\$8,345
Fotal Georgia	\$49,152	\$44,925	\$20,887

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#### State Table

(Dollars In Thousands)

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Guam	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Conservation Weatherization and Intergovernmental Activities State Energy Program	\$240	\$236	\$218
Total Weatherization and Intergovernmental Activities	\$240	\$236	\$218
Total Energy Conservation	\$240	\$236	\$218
Total Guam	\$240	\$236	\$218

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#### State Table

(Dollars In Thousands)

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awaii	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics			
High Energy Physics	\$1,628	\$1,643	\$1,080
Total High Energy Physics	\$1,628	\$1,643	\$1,080
Biological and Environmental Research			
Biological and Environmental Research	\$481	\$0	\$0
Total Biological and Environmental Research	\$481	\$0	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$271	\$306	\$285
Total Basic Energy Sciences	\$271	\$306	\$285
Total Science	\$2,380	\$1,949	\$1,365
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$202	\$204	\$268
State Energy Program	\$326	\$320	\$297
Total Weatherization and Intergovernmental Activities	\$528	\$524	\$565
Total Energy Conservation	\$528	\$524	\$565
otal Hawaii	\$2,908	\$2,473	\$1,930

# Department Of Energy

#### FY 2005 Congressional Budget

#### State Table

(Dollars In Thousands)

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aho	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2008 Reques
Energy Supply			
Electric Transmission and Distribution Research & Development	\$12,322	\$583	\$2,02
Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D	\$680	\$580	\$28
Wind Energy	\$125	\$100	\$10
Geothermal Technology	\$3,139	\$2,177	\$2,10
Hydropower	\$2,565	\$791	\$85
Hydrogen Technology	\$600	\$199	\$1,50
Total Energy Efficiency and Renewable Energy	\$19,431	\$4,430	\$6,85
Research & Development	. ,	. ,	. ,
Nuclear Energy Plant Optimization	\$3,051	\$1,862	9
Nuclear Energy Research Initiative	\$8,588	\$2,910	\$
Nuclear Energy Technologies	\$10,671	\$17,433	\$9,00
Nuclear Hydrogen Initiative	\$50	\$2,648	\$5,44
Advanced Fuel Cycle Initiative	\$31,046	\$29,301	\$27,75
Generation IV Nuclear Energy Systems Initiative	\$5,840	\$17,224	\$20,49
Total Research & Development	\$59,246	\$71,378	\$62,69
Environment, Safety and Health			
Environment, Safety and Health	\$355	\$250	\$25
Total Environment, Safety and Health	\$355	\$250	\$25
University Reactor Infrastructure and Education Assistance University Reactor Infrastructure and Education Assistan	\$17,065	\$22,385	\$20,53
Total University Reactor Infrastructure and Education Assis	\$17,065	\$22,385	\$20,53
Program Direction - NE Program Direction - NE	\$1,355	\$0	Ç
Total Program Direction - NE	\$1,355	\$0	
Infrastructure	Ψ1,000	ΨΟ	`
Radiological Facilities Management	\$10,512	\$18,244	\$14,00
Idaho Facilities Management	\$41,508	\$53,619	\$86,66
Total Infrastructure	\$52,020	\$71,863	\$100,66
Civilian Waste Research and Development	, , , , ,	, , , , , , , , ,	,,-
Spent Nuclear Fuel	\$4,762	\$4,861	\$5,02
Total Civilian Waste Research and Development	\$4,762	\$4,861	\$5,02
Total Energy Supply	\$154,234	\$175,167	\$196,01
Non-Defense Site Acceleration Completion	,	, -	,-
2006 Accelerated Completions			
2006 Accelerated Completions	\$386	\$0	Ş
Total 2006 Accelerated Completions	\$386	\$0	9
Total Non Defence Site Assolutation Completion	•	<u> </u>	
Total Non-Defense Site Acceleration Completion	\$386	\$0	9

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#### State Table

(Dollars In Thousands)

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no	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Science			•
Nuclear Physics Nuclear Physics	\$40	\$40	\$40
Total Nuclear Physics	\$40	\$40	\$40
Biological and Environmental Research Biological and Environmental Research	\$3,288	\$4,575	\$3,495
Total Biological and Environmental Research	\$3,288	\$4,575	\$3,49
Basic Energy Sciences Basic Energy Sciences	\$2,021	\$1,205	\$1,530
Total Basic Energy Sciences	\$2,021	\$1,205	\$1,530
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$2,322	\$2,048	\$2,172
Total Fusion Energy Sciences Program	\$2,322	\$2,048	\$2,172
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$70	\$90	\$100
Total Workforce Development for Teachers and Scientists	\$ \$70	\$90	\$10
Total Science	\$7,741	\$7,958	\$7,33
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$111	\$0	\$(
Total Directed Stockpile Work	\$111	\$0	\$(
Science Campaign Science Campaign	\$0	\$28	\$0
Total Science Campaign	\$0	\$28	\$(
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$1,655	\$1,760	\$0
Total Readiness in Technical Base and Facilities	\$1,655	\$1,760	\$(
Nuclear Weapons Incident Response Nuclear Weapons Incident Response	\$636	\$945	\$1,426
Total Nuclear Weapons Incident Response	\$636	\$945	\$1,426
Total Weapons Activities	\$2,402	\$2,733	\$1,420
Defense Environmental Services Non-Closure Environmental Activities Non-Closure Environmental Activities	\$63,132	\$55,277	\$10,61°
Total Non-Closure Environmental Activities	\$63,132	\$55,277	\$10,61
Community and Regulatory Support Community and Regulatory Support	\$3,335	\$2,782	\$3,412
Total Community and Regulatory Support	•	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

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#### State Table

daho	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Program Direction Program Direction	\$9,284	\$8,860	\$8,691
Total Program Direction	\$9,284	\$8,860	\$8,691
Total Defense Environmental Services	\$75,751	\$66,919	\$22,720
Other Defense Activities Energy Security and Assurance Energy Security	\$3,243	\$0	\$0
Total Energy Security and Assurance	\$3,243	\$0	\$0
Civilian Radioactive Waste Management Civilian Radioactive Waste Management Environment, Safety, and Health Environment, Safety, and Health	\$9,056 \$4,380	\$14,869 \$4,652	\$14,033 \$5,729
Total Environment, Safety, and Health	\$13,436	\$19,521	\$19,762
Security Nuclear Safeguards and Security Security Investigations	\$1,067 \$634	\$1,252 \$1,117	\$1,212 \$1,292
Total Security	\$1,701	\$2,369	\$2,504
Office of Legacy Management Worker and Community Transition	\$500	\$0	\$0
Total Office of Legacy Management	\$500	\$0	\$0
Infrastructure Idaho Facilities Management Idaho Sitewide Safeguards and Security	\$20,642 \$52,560	\$21,296 \$56,343	\$20,886 \$58,103
Total Infrastructure	\$73,202	\$77,639	\$78,989
Program Direction, NE Program Direction, NE	\$30,953	\$32,011	\$32,574
Total Program Direction, NE	\$30,953	\$32,011	\$32,574
Total Other Defense Activities	\$123,035	\$131,540	\$133,829
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$1,753	\$385	\$0
Total Nonproliferation and Verification R&D	\$1,753	\$385	\$0
Nonproliferation and International Security  Nonproliferation and International Security	\$1,129	\$1,149	\$1,170
Total Nonproliferation and International Security	\$1,129	\$1,149	\$1,170
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Russian Transition Initiatives	\$5,058 \$490	\$2,748 \$510	\$4,046 \$511

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#### State Table

ho	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Total Nonproliferation Programs with Russia	\$5,548	\$3,258	\$4,55
Total Defense Nuclear Nonproliferation	\$8,430	\$4,792	\$5,72
Naval Reactors			
Naval Reactors Development			
Naval Reactors Development	\$54,900	\$54,377	\$56,000
Total Naval Reactors Development	\$54,900	\$54,377	\$56,000
Total Naval Reactors	\$54,900	\$54,377	\$56,000
Departmental Administration			
Chief Financial Officer			
Cost of Work for Others	\$3,012	\$3,012	\$3,01
Total Chief Financial Officer	\$3,012	\$3,012	\$3,01
Total Departmental Administration	\$3,012	\$3,012	\$3,01
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$716	\$725	\$79
Total Office of the Inspector General	\$716	\$725	\$79
Total Office of the Inspector General	\$716	\$725	\$79
Bonneville Power Administration Fund			
Bonneville Power Administration			
Bonneville Power Administration	\$189,586	\$192,321	\$191,31
Total Bonneville Power Administration	\$189,586	\$192,321	\$191,31
Total Bonneville Power Administration Fund	\$189,586	\$192,321	\$191,31
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems	\$180	\$180	\$
Sequestration R&D Advanced Research	\$100 \$570	\$100 \$570	\$ \$57
Total Coal and Other Power Systems	· · · · · · · · · · · · · · · · · · ·	-	•
Gas	\$850	\$850	\$57
Natural Gas Technologies	\$300	\$100	\$
Total Gas	\$300	\$100	\$
Petroleum	Ų O	Ψ.00	*
Oil Technology	\$343	\$0	\$
Total Petroleum	\$343	\$0	\$
Total Fossil Energy Research and Development	\$1,493	\$950	\$57
Energy Conservation	<del>+ 1, 100</del>	Ŧ	+3.

State Table

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aho	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Industries of the Future (Specific) Industries of the Future (Crosscutting)	\$797 \$205	\$40 \$0	\$20 \$170
Total Industrial Technologies	\$1,002	\$40	\$190
Program Management Program Management	\$500	\$0	\$0
Total Program Management	\$500	\$0	\$0
Biomass & Biorefinery Systems R&D Utilization of Platform Output R&D Industrial Gasification	\$316 \$225	\$316 \$0	\$316 \$0
Total Biomass & Biorefinery Systems R&D	\$541	\$316	\$316
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program Gateway deployment	\$1,942 \$367 \$50	\$1,974 \$360 \$50	\$2,333 \$334 \$50
Total Weatherization and Intergovernmental Activities	\$2,359	\$2,384	\$2,717
Vehicle Technologies Vehicle Systems Hybrid and Electric Propulsion Materials Technology Fuels Technology Technology Introduction	\$100 \$2,480 \$185 \$100 \$560	\$95 \$1,600 \$145 \$100 \$692	\$0 \$3,000 \$270 \$0 \$500
Total Vehicle Technologies	\$3,425	\$2,632	\$3,770
Total Energy Conservation	\$7,827	\$5,372	\$6,993
Defense Site Acceleration Completion 2006 Accelerated Completions 2006 Accelerated Completions	\$8,086	\$0	\$0
Total 2006 Accelerated Completions	\$8,086	\$0	\$(
2012 Accelerated Completions 2012 Accelerated Completions	\$473,288	\$509,162	\$415,178
Total 2012 Accelerated Completions	\$473,288	\$509,162	\$415,178
2035 Accelerated Completions 2035 Accelerated Completions	\$0	\$439	\$0
Total 2035 Accelerated Completions	\$0	\$439	\$0
Technology Development and Deployment  Technology Development and Deployment	\$12,308	\$0	\$0
Total Technology Development and Deployment	\$12,308	\$0	\$0
Total Defense Site Acceleration Completion	\$493,682	\$509,601	\$415,178
otal Idaho	\$1,123,195	\$1,155,467	\$1,040,910

# Department Of Energy

### FY 2005 Congressional Budget

#### State Table

(Dollars In Thousands)

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nois	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Energy Supply			<u>'</u>
Electric Transmission and Distribution			
Research & Development	\$8,124	\$15,093	\$6,54
Energy Efficiency and Renewable Energy			
Biomass and Biorefinery Systems R&D	\$188	\$115	\$9
Wind Energy	\$100	\$75	\$7
Hydrogen Technology	\$640	\$985	\$1,00
Solar Energy	\$50	\$50	\$5
Intergovernmental Activities	\$0	\$150	\$15
Total Energy Efficiency and Renewable Energy	\$9,102	\$16,468	\$7,90
Research & Development			
Nuclear Energy Plant Optimization	\$382	\$0	\$
Nuclear Energy Research Initiative	\$2,913	\$0	\$
Nuclear Energy Technologies	\$558	\$0	\$
Nuclear Hydrogen Initiative	\$228	\$300	\$60
Advanced Fuel Cycle Initiative	\$2,337	\$7,980	\$5,08
Generation IV Nuclear Energy Systems Initiative	\$3,683	\$1,686	\$1,63
Total Research & Development	\$10,101	\$9,966	\$7,31
Environment, Safety and Health			
Environment, Safety and Health	\$460	\$425	\$42
Total Environment, Safety and Health	\$460	\$425	\$42
University Reactor Infrastructure and Education Assistance University Reactor Infrastructure and Education Assistar	n \$110	\$110	\$11
Total University Reactor Infrastructure and Education Assis	\$110	\$110	\$11
Program Direction - NE			
Program Direction - NE	\$1,234	\$1,296	\$
Total Program Direction - NE	\$1,234	\$1,296	\$
Infrastructure			
Idaho Facilities Management	\$335	\$500	\$50
Total Infrastructure	\$335	\$500	\$50
Total Energy Supply	\$21,342	\$28,765	\$16,25
Non-Defense Site Acceleration Completion			
2006 Accelerated Completions			
2006 Accelerated Completions	\$2,863	\$1,521	\$40
Total 2006 Accelerated Completions	\$2,863	\$1,521	\$40
2012 Accelerated Completions	ΨΞ,333	Ψ.,σΞ.	Ψ.0
2012 Accelerated Completions	\$521	\$343	\$39
Total 2012 Accelerated Completions	\$521	\$343	\$39
Total Non-Defense Site Acceleration Completion	\$3,384	\$1,864	\$80
Science	<b>Ф</b> 3,304	φ1,00 <del>4</del>	φου

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#### State Table

\$328,117 \$328,117	\$314,316	Reques \$322,111
	•	\$322 11·
\$328,117		ψυΖΖ, 1 Ι
	\$314,316	\$322,11
\$21,968	\$20,972	\$22,49
\$21,968	\$20,972	\$22,49
\$31,079	\$29,155	\$40,626
\$31,079	\$29,155	\$40,620
\$174,593	\$186,706	\$183,750
\$174,593	\$186,706	\$183,750
\$1,746	\$1,383	\$1,230
\$1,746	\$1,383	\$1,230
\$5,476	\$6,134	\$3,76
\$5,476	\$6,134	\$3,76
\$14,051	\$12,455	\$12,410
\$14,051	\$12,455	\$12,410
\$32,043	\$37,924	\$39,51
\$32,043	\$37,924	\$39,51
\$87,495	\$0	\$(
\$87,495	\$0	\$(
\$10,485	\$10,488	\$12,85°
\$10,485	\$10,488	\$12,85
\$1,600	\$1,377	\$2,65
\$1,600	\$1,377	\$2,65
\$708,653	\$620,910	\$641,40
<b>ድ</b> ጋ ጋጋ 4	\$2,000	\$2,00
<del>-</del> Φ∠,334	Ψ2,000	Ψ2,500
	\$14,051 \$14,051 \$32,043 \$32,043 \$87,495 \$87,495 \$10,485 \$10,485 \$1,600 \$1,600 \$708,653	\$14,051 \$12,455 \$14,051 \$12,455 \$32,043 \$37,924 \$32,043 \$37,924 \$87,495 \$0 \$87,495 \$0 \$10,485 \$10,488 \$10,485 \$10,488 \$1,600 \$1,377 \$1,600 \$1,377

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#### State Table

(Dollars In Thousands)

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nois	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Readiness Campaign Readiness Campaign	\$26,531	\$21,488	\$23,195
Total Readiness Campaign	\$26,531	\$21,488	\$23,195
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$763	\$865	\$0
Total Readiness in Technical Base and Facilities	\$763	\$865	\$0
Nuclear Weapons Incident Response  Nuclear Weapons Incident Response	\$2,414	\$1,998	\$3,473
Total Nuclear Weapons Incident Response	\$2,414	\$1,998	\$3,473
Total Weapons Activities	\$32,042	\$26,351	\$28,668
Defense Environmental Services Program Direction			
Program Direction	\$8,801	\$4,741	\$4,910
Total Program Direction	\$8,801	\$4,741	\$4,910
Total Defense Environmental Services	\$8,801	\$4,741	\$4,910
Other Defense Activities Energy Security and Assurance Energy Security	\$2,240	\$0	\$0
Total Energy Security and Assurance	\$2,240	\$0	\$(
Security Program Direction Nuclear Safeguards and Security Security Investigations	\$5,474 \$1,687 \$454	\$6,233 \$2,288 \$613	\$5,59° \$1,696 \$643
Total Security	\$7,615	\$9,134	\$7,930
Total Other Defense Activities	\$9,855	\$9,134	\$7,930
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$1,754	\$0	\$0
Total Nonproliferation and Verification R&D	\$1,754	\$0	\$0
Nonproliferation and International Security  Nonproliferation and International Security	\$12,143	\$14,050	\$15,934
Total Nonproliferation and International Security	\$12,143	\$14,050	\$15,934
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio HEU Transparency Implementation International Nuclear Safety and Cooperation Fissile Materials Disposition Accelerated Materials Disposition	\$104 \$1,250 \$4,084 \$179,297 \$300	\$0 \$1,600 \$0 \$403,143 \$0	\$0 \$2,000 \$0 \$444,550 \$0

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#### State Table

linois	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Nonproliferation Programs with Russia	\$185,035	\$404,743	\$446,550
Total Defense Nuclear Nonproliferation	\$198,932	\$418,793	\$462,484
Departmental Administration Chief Financial Officer Cost of Work for Others	\$2,946	\$2,696	\$2,696
Total Chief Financial Officer	\$2,946	\$2,696	\$2,696
Total Departmental Administration	\$2,946	\$2,696	\$2,696
Office of the Inspector General Office of the Inspector General			
Office of the Inspector General	\$860	\$869	\$953
Total Office of the Inspector General	\$860	\$869	\$953
Total Office of the Inspector General	\$860	\$869	\$953
Fossil Energy Research and Development Coal and Other Power Systems Central Systems	\$1,934	\$1,220	\$225
Distributed Generation Systems - Fuel Cells	\$1,000	\$1,000	\$750
Sequestration R&D	\$530	\$530	\$453
Fuels	\$100	\$285	\$659
Advanced Research	\$1,225	\$1,193	\$1,168
Total Coal and Other Power Systems	\$4,789	\$4,228	\$3,255
Gas Natural Gas Technologies	\$323	\$210	\$0
Total Gas	\$323	\$210	\$0
Petroleum Oil Technology	\$200	\$0	\$0
Total Petroleum	\$200	\$0 \$0	\$0 \$0
Total Fossil Energy Research and Development	\$5,312	\$4,438	\$3,255
Energy Conservation Industrial Technologies			
Industries of the Future (Specific)	\$2,221	\$1,265	\$756
Industries of the Future (Crosscutting)	\$95	\$912	\$325
Total Industrial Technologies	\$2,316	\$2,177	\$1,081
Program Management Program Management	\$3,650	\$2,859	\$3,135
Total Program Management	\$3,650	\$2,859	\$3,135
Biomass & Biorefinery Systems R&D Industrial Gasification	\$186	\$0	\$0

# Department Of Energy

FY 2005 Congressional Budget

#### State Table

(Dollars In Thousands)

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pis	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Total Biomass & Biorefinery Systems R&D	£10C	ΦO	
	\$186	\$0	\$0
Fuel Cell Technologies	<b>6704</b>	ተ በ በ በ ተ	<b></b>
Transportation Systems	\$701	\$800	\$800
Distributed Energy Systems	\$205	\$330	\$290
Fuel Processor R&D	\$8,162	\$4,824	\$4,000
Stack Component R&D	\$270	\$3,250	\$2,000
Technology Validation	\$100	\$100	\$100
Total Fuel Cell Technologies	\$9,438	\$9,304	\$7,190
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$13,627	\$13,854	\$16,847
State Energy Program	\$1,794	\$1,762	\$1,633
Gateway deployment	\$600	\$500	\$500
Total Weatherization and Intergovernmental Activities	\$16,021	\$16,116	\$18,980
Vehicle Technologies			
Vehicle Systems	\$4,159	\$5,811	\$5,000
Hybrid and Electric Propulsion	\$18,168	\$11,072	\$10,550
Advanced Combustion R&D	\$7,541	\$2,537	\$2,400
Materials Technology	\$2,411	\$3,745	\$3,884
Fuels Technology	\$1,636	\$294	\$0
Technology Introduction	\$981	\$944	\$1,050
Technical/Program Management Support	\$874	\$0	\$0
Total Vehicle Technologies	\$35,770	\$24,403	\$22,884
Distributed Energy Resources	. ,	. ,	. ,
Distributed Generation Technology Development	\$775	\$1,800	\$775
Total Distributed Energy Resources	\$775	\$1,800	\$775
Building Technologies	•	,	•
Residential Building	\$0	\$433	\$0
Equipment Standards and Analysis	\$0	\$15	\$0
Total Building Technologies	\$0	\$448	\$0
otal Energy Conservation	<u> </u>	<u> </u>	\$54,045
	\$68,156	\$57,107	φ54,045
Defense Nuclear Waste Disposal			
Defense Nuclear Waste Disposal	<b>#0.570</b>	<b>#0.504</b>	<b>#4 503</b>
Defense Nuclear Waste Disposal	\$2,578	\$2,501	\$1,567
Total Defense Nuclear Waste Disposal	\$2,578	\$2,501	\$1,567
otal Defense Nuclear Waste Disposal	\$2,578	\$2,501	\$1,567
Defense Site Acceleration Completion			
Technology Development and Deployment			
Technology Development and Deployment	\$517	\$0	\$0
Total Technology Development and Deployment	\$517	\$0	\$0

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Illinois	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Defense Site Acceleration Completion	\$517	\$0	\$0
Total Illinois	\$1,063,378	\$1,178,169	\$1,224,976

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diana	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			<u>'</u>
High Energy Physics High Energy Physics	\$3,646	\$3,872	\$3,543
Total High Energy Physics	\$3,646	\$3,872	\$3,543
Nuclear Physics Nuclear Physics	\$1,678	\$1,645	\$1,730
Total Nuclear Physics	\$1,678	\$1,645	\$1,730
Biological and Environmental Research Biological and Environmental Research	\$6,630	\$1,003	\$804
Total Biological and Environmental Research	\$6,630	\$1,003	\$804
Basic Energy Sciences Basic Energy Sciences	\$7,812	\$7,094	\$6,031
Total Basic Energy Sciences	\$7,812	\$7,094	\$6,031
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$1,151	\$409	\$907
Total Advanced Scientific Computing Research	\$1,151	\$409	\$907
Total Science	\$20,917	\$14,023	\$13,015
Fossil Energy Research and Development Gas			
Natural Gas Technologies	\$142	\$334	\$0
Total Gas	\$142	\$334	\$0
Total Fossil Energy Research and Development	\$142	\$334	\$0
Energy Conservation Weatherization and Intergovernmental Activities			
Weatherization Assistance Program State Energy Program	\$6,446 \$1,059	\$6,553 \$1,040	\$8,087 \$964
Total Weatherization and Intergovernmental Activities	\$7,505	\$7,593	\$9,051
Total Energy Conservation	\$7,505	\$7,593	\$9,051
tal Indiana	\$28,564	\$21,950	\$22,066

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wa	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$1,605	\$2,066	\$1,816
Total High Energy Physics	\$1,605	\$2,066	\$1,816
Nuclear Physics Nuclear Physics	\$923	\$909	\$909
Total Nuclear Physics	\$923	\$909	\$909
Biological and Environmental Research Biological and Environmental Research	\$2,000	\$690	\$0
Total Biological and Environmental Research	\$2,000	\$690	\$0
Basic Energy Sciences Basic Energy Sciences	\$18,707	\$18,750	\$16,979
Total Basic Energy Sciences	\$18,707	\$18,750	\$16,979
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$477	\$686	\$333
Total Fusion Energy Sciences Program	\$477	\$686	\$333
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$0	\$150	\$150
Total Science Laboratories Infrastructure	\$0	\$150	\$150
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$5,710	\$5,514	\$5,370
Total Advanced Scientific Computing Research	\$5,710	\$5,514	\$5,370
Safeguards and Security Safeguards and Security	\$395	\$409	\$505
Total Safeguards and Security	\$395	\$409	\$505
Total Science	\$29,817	\$29,174	\$26,062
Defense Nuclear Nonproliferation  Nonproliferation and Verification R&D  Nonproliferation and Verification R&D	\$180	\$250	\$250
Total Nonproliferation and Verification R&D	\$180	\$250	\$250
Total Defense Nuclear Nonproliferation	\$180	\$250	\$250
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance			
Systems Operation and Maintenance	\$5,628	\$5,034	\$618
Total Systems Operation and Maintenance Program Direction	\$5,628	\$5,034	\$618
Program Direction	\$1,314	\$1,518	\$1,406
Total Program Direction	\$1,314	\$1,518	\$1,406

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owa	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Western Area Power Admin. Const.,Rehab.,O&M	\$6,942	\$6,552	\$2,024
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses	<b>475</b> 0	0074	<b>457</b> 0
Colorado River Storage Project	\$759	\$871	\$579
Total Equipment, Contracts and Other Related Expenses	\$759	\$871	\$579
Total Colorado River Basins Power Marketing Fund	\$759	\$871	\$579
Fossil Energy Research and Development Coal and Other Power Systems			
Central Systems	\$0	\$210	\$0
Advanced Research	\$487	\$500	\$480
Total Coal and Other Power Systems	\$487	\$710	\$480
Total Fossil Energy Research and Development	\$487	\$710	\$480
Energy Conservation Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$4,910	\$4,991	\$5,950
State Energy Program	\$624	\$613	\$568
Total Weatherization and Intergovernmental Activities	\$5,534	\$5,604	\$6,518
Total Energy Conservation	\$5,534	\$5,604	\$6,518
otal lowa	\$43,719	\$43,161	\$35,913

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Kansas	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$840	\$860	\$791
Total High Energy Physics	\$840	\$860	\$791
Nuclear Physics Nuclear Physics	\$189	\$155	\$155
Total Nuclear Physics	\$189	\$155	\$155
Biological and Environmental Research Biological and Environmental Research	\$100	\$270	\$375
Total Biological and Environmental Research	\$100	\$270	\$375
Basic Energy Sciences Basic Energy Sciences	\$4,055	\$3,986	\$2,820
Total Basic Energy Sciences	\$4,055	\$3,986	\$2,820
Total Science	\$5,184	\$5,271	\$4,141
Fossil Energy Research and Development Coal and Other Power Systems Sequestration R&D	\$549	\$700	\$900
Total Coal and Other Power Systems	•	•	
Gas	\$549	\$700	\$900
Natural Gas Technologies	\$0	\$240	\$0
Total Gas	\$0	\$240	\$0
Petroleum Oil Technology	\$0	\$350	\$500
Total Petroleum	\$0	\$350	\$500
Total Fossil Energy Research and Development	\$549	\$1,290	\$1,400
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$2,490 \$569	\$2,531 \$559	\$3,223 \$518
Total Weatherization and Intergovernmental Activities	\$3,059	\$3,090	\$3,741
Total Energy Conservation	\$3,059	\$3,090	\$3,741
Total Kansas	\$8,792	\$9,651	\$9,282

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ntucky	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply			
Office of Legacy Management			
Office of Legacy Management	\$11,974	\$10,646	\$14,083
Total Office of Legacy Management	\$11,974	\$10,646	\$14,083
Total Energy Supply	\$11,974	\$10,646	\$14,083
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund Uranium Enrichment D&D Fund	\$97,189	\$120,159	\$92,757
Total Uranium Enrichment D&D Fund	\$97,189	\$120,159	\$92,757
Total Uranium Enrichment Decon. & Decom. Fund	\$97,189	\$120,159	\$92,757
Non-Defense Environmental Services	ψον, του	Ψ120,100	Ψ02,707
Non-Closure Environmental Activities			
Non-Closure Environmental Activities	\$8,318	\$61,337	\$55,931
Total Non-Closure Environmental Activities	\$8,318	\$61,337	\$55,931
Community and Regulatory Support Community and Regulatory Support	\$0	\$331	\$0
Total Community and Regulatory Support	· · · · · · · · · · · · · · · · · · ·	-	•
- Total Community and Regulatory Support	\$0	\$331	\$0
Total Non-Defense Environmental Services	\$8,318	\$61,668	\$55,931
Science			
High Energy Physics High Energy Physics	\$70	\$70	\$59
Total High Energy Physics	\$70	\$70	\$59
Nuclear Physics Nuclear Physics	\$366	\$394	\$394
Total Nuclear Physics	\$366	\$394	\$394
Biological and Environmental Research	φ300	<b>Ф</b> 394	<b>Φ</b> 394
Biological and Environmental Research	\$210	\$0	\$0
Total Biological and Environmental Research	\$210	\$0	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$1,865	\$318	\$576
Total Basic Energy Sciences	\$1,865	\$318	\$576
Total Science	\$2,511	\$782	\$1,029
Defense Environmental Services			
Program Direction			
Program Direction	\$3,108	\$7,810	\$8,129
Total Program Direction	\$3,108	\$7,810	\$8,129
Total Defense Environmental Services	\$3,108	\$7,810	\$8,129

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#### State Table

entucky	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Other Defense Activities			
Office of Legacy Management			
Worker and Community Transition	\$5,648	\$0	\$0
Total Office of Legacy Management	\$5,648	\$0	\$0
Total Other Defense Activities	\$5,648	\$0	\$0
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems	\$350	\$87	\$0
Sequestration R&D	\$501	\$402	\$402
Total Coal and Other Power Systems	\$851	\$489	\$402
Gas			
Natural Gas Technologies	\$598	\$0	\$0
Total Gas	\$598	\$0	\$0
Total Fossil Energy Research and Development	\$1,449	\$489	\$402
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$4,448	\$4,521	\$5,725
State Energy Program	\$734	\$721	\$668
Total Weatherization and Intergovernmental Activities	\$5,182	\$5,242	\$6,393
Total Energy Conservation	\$5,182	\$5,242	\$6,393
Defense Site Acceleration Completion			
Safeguards and Security			
Safeguards and Security	\$6,706	\$6,952	\$7,822
Total Safeguards and Security	\$6,706	\$6,952	\$7,822
Total Defense Site Acceleration Completion	\$6,706	\$6,952	\$7,822
otal Kentucky	\$142,085	\$213,748	\$186,546

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#### State Table

puisiana	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			•
High Energy Physics			
High Energy Physics	\$1,109	\$1,026	\$901
Total High Energy Physics	\$1,109	\$1,026	\$901
Nuclear Physics Nuclear Physics	\$180	\$180	\$180
Total Nuclear Physics	\$180	\$180	\$180
Biological and Environmental Research Biological and Environmental Research	\$2,171	\$389	\$90
Total Biological and Environmental Research	\$2,171	\$389	\$90
Basic Energy Sciences Basic Energy Sciences	\$850	\$865	\$585
Total Basic Energy Sciences	\$850	\$865	\$585
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$30	\$30	\$30
Total Fusion Energy Sciences Program	\$30	\$30	\$30
Total Science	\$4,340	\$2,490	\$1,786
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$1,704 \$895	\$1,732 \$879	\$2,523 \$815
Total Weatherization and Intergovernmental Activities	\$2,599	\$2,611	\$3,338
		·	
Total Energy Conservation Strategic Petroleum Reserve	\$2,599	\$2,611	\$3,338
Storage Facilities Operations  SPR - Facilities Development	\$164,605	\$162,508	\$163,103
Total Storage Facilities Operations	\$164,605	\$162,508	\$163,103
Total Strategic Petroleum Reserve	\$164,605	\$162,508	\$163,103
Northeast Home Heating Oil Reserve Account Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$1,621	\$20	\$20
Total Northeast Home Heating Oil Reserve	\$1,621	\$20	\$20
Total Northeast Home Heating Oil Reserve Account	\$1,621	\$20	\$20
Strategic Petroleum Reserve - Petroleum Account SPR - Petroleum Account			
Oil Acquisition and Transportation	\$1,955	\$0	\$0
Total SPR - Petroleum Account	\$1,955	\$0	\$0

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Louisiana	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Strategic Petroleum Reserve - Petroleum Account	\$1,955	\$0	\$0
Total Louisiana	\$175,120	\$167,629	\$168,247

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aine	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
Biological and Environmental Research			
Biological and Environmental Research	\$1,242	\$283	\$280
Total Biological and Environmental Research	\$1,242	\$283	\$280
Total Science	\$1,242	\$283	\$280
Fossil Energy Research and Development			
Coal and Other Power Systems			
Advanced Research	\$340	\$100	\$0
Total Coal and Other Power Systems	\$340	\$100	\$0
Total Fossil Energy Research and Development	\$340	\$100	\$0
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$3,019	\$3,068	\$3,788
State Energy Program	\$407	\$400	\$370
Total Weatherization and Intergovernmental Activities	\$3,426	\$3,468	\$4,158
Total Energy Conservation	\$3,426	\$3,468	\$4,158
otal Maine	\$5,008	\$3,851	\$4,438

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#### State Table

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Maryland	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply			
Environment, Safety and Health			
Environment, Safety and Health	\$5,276	\$4,617	\$7,750
Program Direction	\$15,573	\$15,697	\$20,474
Total Environment, Safety and Health	\$20,849	\$20,314	\$28,224
Total Energy Supply	\$20,849	\$20,314	\$28,224
Science			
High Energy Physics High Energy Physics	\$3,910	\$3,889	\$3,662
Total High Energy Physics	\$3,910	\$3,889	\$3,662
Nuclear Physics Nuclear Physics	\$1,259	\$1,216	\$1,243
Total Nuclear Physics	\$1,259	\$1,216	\$1,243
Biological and Environmental Research	Ψ1,233	Ψ1,210	Ψ1,243
Biological and Environmental Research	\$10,323	\$7,398	\$4,512
Total Biological and Environmental Research	\$10,323	\$7,398	\$4,512
Basic Energy Sciences Basic Energy Sciences	\$3,389	\$3,088	\$3,213
Total Basic Energy Sciences	\$3,389	\$3,088	\$3,213
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$3,029	\$2,645	\$3,026
Total Fusion Energy Sciences Program	\$3,029	\$2,645	\$3,026
Advanced Scientific Computing Research  Advanced Scientific Computing Research	\$632	\$250	\$145
Total Advanced Scientific Computing Research	•		•
Workforce Development for Teachers and Scientists	\$632	\$250	\$145
Workforce Development for Teachers and Scientists	\$100	\$0	\$0
Total Workforce Development for Teachers and Scientists	\$100	\$0	\$0
Total Science	\$22,642	\$18,486	\$15,801
Other Defense Activities			
Environment, Safety, and Health			
Environment, Safety, and Health	\$67,707	\$77,495	\$49,018
Program Direction	\$20,077	\$17,853	\$20,414
Total Environment, Safety, and Health	\$87,784	\$95,348	\$69,432
Independent Oversight & Performance Assurance Program Direction	\$23,420	\$23,417	\$24,169
Total Independent Oversight & Performance Assurance	\$23,420	\$23,417	\$24,169
Security	•	,	,

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#### State Table

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aryland	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Nuclear Safeguards and Security	\$78,312	\$76,270	\$78,490
Total Security	\$78,312	\$76,270	\$78,490
Total Other Defense Activities	\$189,516	\$195,035	\$172,09°
Departmental Administration  Management, Budget & Evaluation  Program Direction	\$17,624	\$18,170	\$19,10
Total Management, Budget & Evaluation	\$17,624	\$18,170	\$19,103
Total Departmental Administration	\$17,624	\$18,170	\$19,103
Office of the Inspector General Office of the Inspector General Office of the Inspector General	\$5,461	\$6,202	\$6,294
Total Office of the Inspector General	\$5,461	\$6,202	\$6,294
Total Office of the Inspector General	\$5,461	\$6,202	\$6,294
Fossil Energy Research and Development Coal and Other Power Systems Central Systems Fuels	\$716 \$580	\$682 \$329	\$469 \$160
Advanced Research	\$844	\$727	\$773
Total Coal and Other Power Systems	\$2,140	\$1,738	\$1,398
Gas Natural Gas Technologies	\$327	\$747	\$680
Total Gas	\$327	\$747	\$680
Program Direction and Management Support Headquarters Program Direction	\$12,667	\$20,413	\$20,223
Total Program Direction and Management Support	\$12,667	\$20,413	\$20,223
Cooperative R&D Cooperative Research & Development	\$40	\$40	\$40
Total Cooperative R&D	\$40	\$40	\$40
Total Fossil Energy Research and Development	\$15,174	\$22,938	\$22,34
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$2,610 \$809	\$2,652 \$794	\$3,699 \$730
Total Weatherization and Intergovernmental Activities	\$3,419	\$3,446	\$4,43
Building Technologies Equipment Standards and Analysis	\$595	\$580	\$595
Total Building Technologies	\$595	\$580	\$595

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Maryland	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Energy Conservation	\$4,014	\$4,026	\$5,026
Energy Information Administration Energy Information Administration National Energy Information System	\$8,333	\$9,885	\$11,437
Total Energy Information Administration	\$8,333	\$9,885	\$11,437
Total Energy Information Administration	\$8,333	\$9,885	\$11,437
Total Maryland	\$283,613	\$295,056	\$280,317

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ssachusetts	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply  Energy Efficiency and Beneviable Energy			
Energy Efficiency and Renewable Energy Wind Energy	\$70	\$75	\$75
Solar Energy	\$50	\$50	\$50
Total Energy Efficiency and Renewable Energy	\$120	\$125	\$125
Total Energy Supply	\$120	\$125	\$125
Science			
High Energy Physics  High Energy Physics	\$16,068	\$16,842	\$15,376
Total High Energy Physics	\$16,068	\$16,842	\$15,376
Nuclear Physics Nuclear Physics	\$19,795	\$19,251	\$16,013
Total Nuclear Physics	•	•	
•	\$19,795	\$19,251	\$16,013
Biological and Environmental Research Biological and Environmental Research	\$10,034	\$12,993	\$9,000
Total Biological and Environmental Research	\$10,034	\$12,993	\$9,000
Basic Energy Sciences Basic Energy Sciences	\$7,737	\$5,325	\$6,746
Total Basic Energy Sciences	\$7,737	\$5,325	\$6,746
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$22,932	\$27,053	\$27,070
Total Fusion Energy Sciences Program	\$22,932	\$27,053	\$27,070
Advanced Scientific Computing Research	Ψ22,002	Ψ21,000	Ψ21,010
Advanced Scientific Computing Research	\$435	\$339	\$333
Total Advanced Scientific Computing Research	\$435	\$339	\$333
Total Science	\$77,001	\$81,803	\$74,538
Fossil Energy Research and Development			
Coal and Other Power Systems	<b>#</b> 000	<b>#</b> 500	<b>Ф</b> Г7Г
Sequestration R&D Advanced Research	\$660 \$120	\$530 \$0	\$575 \$0
Total Coal and Other Power Systems	\$780	\$530	————— \$575
Gas	ψ, σσ	φοσσ	φοιο
Natural Gas Technologies	\$402	\$123	\$0
Total Gas	\$402	\$123	\$0
Petroleum Oil Technology	\$0	\$326	\$0
Total Petroleum	\$0	\$326	\$0
Total Fossil Energy Research and Development	\$1,182	\$979	\$575

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#### State Table

Massachusetts	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Conservation			_
Program Management			
Program Management	\$2,458	\$2,405	\$2,696
Total Program Management	\$2,458	\$2,405	\$2,696
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$6,444	\$6,551	\$8,279
State Energy Program	\$974	\$957	\$887
Total Weatherization and Intergovernmental Activities	\$7,418	\$7,508	\$9,166
Total Energy Conservation	\$9,876	\$9,913	\$11,862
Total Massachusetts	\$88,179	\$92,820	\$87,100

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/lichigan	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science High Energy Physics			
High Energy Physics	\$4,801	\$4,731	\$4,190
Total High Energy Physics	\$4,801	\$4,731	\$4,190
Nuclear Physics Nuclear Physics	\$1,450	\$783	\$783
Total Nuclear Physics	\$1,450	\$783	\$783
Biological and Environmental Research Biological and Environmental Research	\$5,490	\$4,110	\$3,052
Total Biological and Environmental Research	\$5,490	\$4,110	\$3,052
Basic Energy Sciences Basic Energy Sciences	\$9,350	\$8,041	\$7,119
Total Basic Energy Sciences	\$9,350	\$8,041	\$7,119
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$88	\$87	\$88
Total Fusion Energy Sciences Program	\$88	\$87	\$88
Total Science	\$21,179	\$17,752	\$15,232
Fossil Energy Research and Development Coal and Other Power Systems			
Distributed Generation Systems - Fuel Cells Advanced Research	\$5,400 \$281	\$4,500 \$251	\$2,200 \$400
Total Coal and Other Power Systems	\$5,681	\$4,751	\$2,600
Total Fossil Energy Research and Development	\$5,681	\$4,751	\$2,600
Energy Conservation Weatherization and Intergovernmental Activities			
Weatherization Assistance Program State Energy Program	\$14,946 \$1,519	\$15,195 \$1,492	\$17,954 \$1,383
Total Weatherization and Intergovernmental Activities	\$16,465	\$16,687	\$19,337
Total Energy Conservation	\$16,465	\$16,687	\$19,337
otal Michigan	\$43,325	\$39,190	\$37,169

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#### State Table

nnesota	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$2,343	\$2,334	\$2,086
Total High Energy Physics	\$2,343	\$2,334	\$2,086
Nuclear Physics	Ψ2,543	Ψ2,004	Ψ2,000
Nuclear Physics	\$413	\$420	\$420
Total Nuclear Physics	\$413	\$420	\$420
Biological and Environmental Research Biological and Environmental Research	\$1,084	\$862	\$369
Total Biological and Environmental Research	\$1,084	\$862	\$369
Basic Energy Sciences Basic Energy Sciences	\$2,372	\$1,631	\$2,114
Total Basic Energy Sciences	\$2,372	\$1,631	\$2,114
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$135	\$135	\$134
Total Fusion Energy Sciences Program	\$135	\$135	\$134
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$615	\$587	\$226
Total Advanced Scientific Computing Research	\$615	\$587	\$226
Total Science	\$6,962	\$5,969	\$5,349
Western Area Power Admin. Const.,Rehab.,O&M	- ,	. ,	. ,
Systems Operation and Maintenance Systems Operation and Maintenance	\$6,000	\$5,321	\$471
Total Systems Operation and Maintenance	\$6,000	\$5,321	\$471
Program Direction Program Direction	\$101	\$108	\$100
Total Program Direction	\$101	\$108	\$100
Total Western Area Power Admin. Const.,Rehab.,O&M	\$6,101	\$5,429	\$571
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$867	\$996	\$662
Total Equipment, Contracts and Other Related Expenses	\$867	\$996	\$662
Total Colorado River Basins Power Marketing Fund	\$867	\$996	\$662
Fossil Energy Research and Development			
Coal and Other Power Systems  Distributed Generation Systems - Fuel Cells	\$4,900	\$4,900	\$2,200
Total Coal and Other Power Systems	\$4,900	\$4,900	\$2,200

State Table (Dollars In Thousands)

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Minnesota	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Fossil Energy Research and Development	\$4,900	\$4,900	\$2,200
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$9,697 \$917	\$9,858 \$901	\$11,298 \$835
Total Weatherization and Intergovernmental Activities	\$10,614	\$10,759	\$12,133
Total Energy Conservation	\$10,614	\$10,759	\$12,133
Total Minnesota	\$29,444	\$28,053	\$20,915

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#### State Table

ssissippi	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics			
High Energy Physics	\$844	\$778	\$350
Total High Energy Physics	\$844	\$778	\$350
Nuclear Physics			
Nuclear Physics	\$191	\$178	\$178
Total Nuclear Physics	\$191	\$178	\$178
Biological and Environmental Research	·		
Biological and Environmental Research	\$1,032	\$225	\$0
Total Biological and Environmental Research	\$1,032	\$225	\$0
Basic Energy Sciences	* /	•	•
Basic Energy Sciences	\$685	\$485	\$50
Total Basic Energy Sciences	\$685	\$485	\$50
Total Science	\$2,752	\$1,666	\$578
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$1,623	\$1,649	\$2,349
State Energy Program	\$534	\$524	\$486
Total Weatherization and Intergovernmental Activities	\$2,157	\$2,173	\$2,835
Total Energy Conservation	\$2,157	\$2,173	\$2,835
Defense Site Acceleration Completion			
2035 Accelerated Completions			
2035 Accelerated Completions	\$348	\$128	\$0
Total 2035 Accelerated Completions	\$348	\$128	\$0
Total Defense Site Acceleration Completion	\$348	\$128	\$0
otal Mississippi	\$5,257	\$3,967	\$3,413

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#### State Table

(Dollars In Thousands)

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Missouri	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$515	\$515	\$475
Total High Energy Physics	\$515	\$515	\$475
Nuclear Physics Nuclear Physics	\$533	\$497	\$482
Total Nuclear Physics	\$533	\$497	\$482
Biological and Environmental Research Biological and Environmental Research	\$3,934	\$1,809	\$1,531
Total Biological and Environmental Research	\$3,934	\$1,809	\$1,531
Basic Energy Sciences Basic Energy Sciences	\$805	\$978	\$1,258
Total Basic Energy Sciences	\$805	\$978	\$1,258
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$78	\$232	\$200
Total Fusion Energy Sciences Program	\$78	\$232	\$200
Total Science	\$5,865	\$4,031	\$3,946
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$175,033	\$180,950	\$180,422
Total Directed Stockpile Work	\$175,033	\$180,950	\$180,422
Engineering Campaign Engineering Campaign	\$6,299	\$9,276	\$9,108
Total Engineering Campaign	\$6,299	\$9,276	\$9,108
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$1,304	\$0	\$0
Total Inertial Confinement Fusion and High Yield Campaig	\$1,304	\$0	\$0
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$485	\$0	\$0
Total Advanced Simulation & Computing Campaign	\$485	\$0	\$0
Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign	\$0	\$391	\$0
Total Pit Manufacturing and Certification Campaign	\$0	\$391	\$0
Readiness Campaign Readiness Campaign	\$33,198	\$45,941	\$47,615
Total Readiness Campaign	\$33,198	\$45,941	\$47,615
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$138,175	\$136,080	\$107,197

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## State Table

(Dollars In Thousands)

ssouri	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Readiness in Technical Base and Facilities	\$138,175	\$136,080	\$107,197
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$18,761	\$13,958	\$17,380
Total Facilities and Infrastructure Recapitalization Program	\$18,761	\$13,958	\$17,380
Safeguards and Security Safeguards and Security	\$15,716	\$16,000	\$16,303
Total Safeguards and Security	\$15,716	\$16,000	\$16,303
Total Weapons Activities	\$388,971	\$402,596	\$378,025
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$31	\$0	\$0
Total Nonproliferation and Verification R&D	\$31	\$0	\$0
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio	\$200	\$0	\$0
Total Nonproliferation Programs with Russia	\$200	\$0	\$0
Total Defense Nuclear Nonproliferation	\$231	\$0	\$0
Office of the Administrator Office of the Administrator Office of the Administrator  Total Office of the Administrator	\$6,001 \$6,001	\$6,159 \$6,159	\$6,012 \$6,012
Total Office of the Administrator		·	
Southwestern Power Admin Operation & Maint. Systems Operation and Maintenance Systems Operation and Maintenance	\$6,001 \$1,441	\$6,159 \$1,745	\$6,012 \$1,773
Total Systems Operation and Maintenance	\$1,441	\$1,745	\$1,773
Purchase Power and Wheeling Purchase Power and Wheeling	\$1,800	\$1,800	\$0
Total Purchase Power and Wheeling	\$1,800	\$1,800	\$0
SWPA Construction Construction	\$1,006	\$519	\$1,286
Total SWPA Construction	\$1,006	\$519	\$1,286
Program Direction Program Direction	\$5,125	\$5,312	\$4,942
Total Program Direction	\$5,125	\$5,312	\$4,942
Total Southwestern Power Admin Operation & Maint.	\$9,372	\$9,376	\$8,001

Fossil Energy Research and Development Gas

State Table

(Dollars In Thousands)

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Missouri	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Natural Gas Technologies	\$347	\$164	\$0
Total Gas	\$347	\$164	\$0
Total Fossil Energy Research and Development	\$347	\$164	\$0
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$5,907 \$871	\$6,005 \$855	\$7,712 \$793
Total Weatherization and Intergovernmental Activities	\$6,778	\$6,860	\$8,505
Total Energy Conservation	\$6,778	\$6,860	\$8,505
Defense Site Acceleration Completion 2006 Accelerated Completions 2006 Accelerated Completions	\$2,257	\$2,066	\$3,506
Total 2006 Accelerated Completions	\$2,257	\$2,066	\$3,506
Total Defense Site Acceleration Completion	\$2,257	\$2,066	\$3,506
Total Missouri	\$419,822	\$431,252	\$407,995

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#### State Table

ntana	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
Biological and Environmental Research			
Biological and Environmental Research	\$191	\$136	\$27
Total Biological and Environmental Research	\$191	\$136	\$27
Basic Energy Sciences			
Basic Energy Sciences	\$741	\$561	\$531
Total Basic Energy Sciences	\$741	\$561	\$531
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$65	\$66	\$66
Total Fusion Energy Sciences Program	\$65	\$66	\$66
Total Science	\$997	\$763	\$624
Bonneville Power Administration Fund			
Bonneville Power Administration			
Bonneville Power Administration	\$86,707	\$85,572	\$84,355
Total Bonneville Power Administration	\$86,707	\$85,572	\$84,355
Total Bonneville Power Administration Fund	\$86,707	\$85,572	\$84,355
Western Area Power Admin. Const.,Rehab.,O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$5,249	\$5,369	\$1,964
Total Systems Operation and Maintenance	\$5,249	\$5,369	\$1,964
Program Direction			
Program Direction	\$2,830	\$3,409	\$2,998
Total Program Direction	\$2,830	\$3,409	\$2,998
Total Western Area Power Admin. Const.,Rehab.,O&M	\$8,079	\$8,778	\$4,962
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$7,697	\$8,992	\$9,231
Total Equipment, Contracts and Other Related Expenses	\$7,697	\$8,992	\$9,231
Program Direction			
Program Direction	\$9,447	\$9,535	\$8,901
Total Program Direction	\$9,447	\$9,535	\$8,901
Total Colorado River Basins Power Marketing Fund	\$17,144	\$18,527	\$18,132
Fossil Energy Research and Development			
Coal and Other Power Systems			
Sequestration R&D	\$600	\$398	\$200
Advanced Research	\$0	\$2,970	\$0
Total Coal and Other Power Systems	\$600	\$3,368	\$200

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#### State Table

Iontana	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Gas	<b>#055</b>	Ф000	
Natural Gas Technologies	\$255	\$200	\$0
Total Gas	\$255	\$200	\$0
Total Fossil Energy Research and Development	\$855	\$3,568	\$200
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program	\$2,480	\$2,520	\$2,898
State Energy Program	\$342	\$336	\$311
Total Weatherization and Intergovernmental Activities	\$2,822	\$2,856	\$3,209
Total Energy Conservation	\$2,822	\$2,856	\$3,209
Defense Site Acceleration Completion Technology Development and Deployment		04.074	
Technology Development and Deployment	\$0	\$4,971	\$0
Total Technology Development and Deployment	\$0	\$4,971	\$0
Total Defense Site Acceleration Completion	\$0	\$4,971	\$0
otal Montana	\$116,604	\$125,035	\$111,482

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#### State Table

ebraska	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
Nuclear Physics Nuclear Physics	\$151	\$150	\$150
Total Nuclear Physics	\$151	\$150	\$150
Biological and Environmental Research Biological and Environmental Research	\$635	\$635	\$325
Total Biological and Environmental Research	\$635	\$635	\$325
Basic Energy Sciences Basic Energy Sciences	\$1,902	\$437	\$338
Total Basic Energy Sciences	\$1,902	\$437	\$338
Total Science	\$2,688	\$1,222	\$813
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance			
Systems Operation and Maintenance	\$34,913	\$34,977	\$2,603
Total Systems Operation and Maintenance	\$34,913	\$34,977	\$2,603
Program Direction Program Direction	\$1,921	\$1,951	\$1,807
Total Program Direction	\$1,921	\$1,951	\$1,807
Total Western Area Power Admin. Const.,Rehab.,O&M	\$36,834	\$36,928	\$4,410
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$1,586	\$1,821	\$1,210
Total Equipment, Contracts and Other Related Expenses	\$1,586	\$1,821	\$1,210
Total Colorado River Basins Power Marketing Fund	\$1,586	\$1,821	\$1,210
Energy Conservation			
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$2,455 \$436	\$2,494 \$428	\$2,963 \$397
Total Weatherization and Intergovernmental Activities	\$2,891	\$2,922	\$3,360
Total Energy Conservation	\$2,891	\$2,922	\$3,360
otal Nebraska	\$43,999	\$42,893	\$9,793

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#### State Table

(Dollars In Thousands)

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evada	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply			
Research & Development	<b>#750</b>	<b>#4.000</b>	<b>#</b> 0
Nuclear Hydrogen Initiative Advanced Fuel Cycle Initiative	\$750 \$3,860	\$1,900 \$3,500	\$0 \$0
Total Research & Development	\$4,610	\$5,300 \$5,400	\$0 \$0
·			
Total Energy Supply	\$4,610	\$5,400	\$0
Science			
Biological and Environmental Research Biological and Environmental Research	\$3,339	\$1,433	\$1,429
Total Biological and Environmental Research	\$3,339	\$1,433	\$1,429
Basic Energy Sciences			
Basic Energy Sciences	\$1,372	\$281	\$512
Total Basic Energy Sciences	\$1,372	\$281	\$512
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$0	\$195	\$220
Total Fusion Energy Sciences Program	\$0	\$195	\$220
Total Science	\$4,711	\$1,909	\$2,161
Weapons Activities			
Directed Stockpile Work		•	
Directed Stockpile Work	\$15,368	\$17,727	\$13,799
Total Directed Stockpile Work	\$15,368	\$17,727	\$13,799
Science Campaign			
Science Campaign	\$61,624	\$54,889	\$62,507
Total Science Campaign	\$61,624	\$54,889	\$62,507
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$2,427	\$0	\$0
Total Inertial Confinement Fusion and High Yield Campaig		\$0	\$0
Pit Manufacturing and Certification Campaign	<b>+-,</b>	**	**
Pit Manufacturing and Certification Campaign	\$46,480	\$42,873	\$52,206
Total Pit Manufacturing and Certification Campaign	\$46,480	\$42,873	\$52,206
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$139,695	\$141,909	\$101,388
Total Readiness in Technical Base and Facilities	\$139,695	\$141,909	\$101,388
Nuclear Weapons Incident Response  Nuclear Weapons Incident Response	\$29,864	\$28,081	\$29,420
Total Nuclear Weapons Incident Response	\$29,864	\$28,081	\$29,420
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$17,259	\$18,963	\$23,621

Table

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(Dollars In Thousands)

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evada	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Facilities and Infrastructure Recapitalization Program	\$17,259	\$18,963	\$23,621
Safeguards and Security Safeguards and Security	\$34,382	\$36,000	\$45,670
Total Safeguards and Security	\$34,382	\$36,000	\$45,670
Total Weapons Activities	\$347,099	\$340,442	\$328,611
Defense Environmental Services Community and Regulatory Support Community and Regulatory Support	\$2,307	\$4,922	\$1,229
Total Community and Regulatory Support	\$2,307	\$4,922	\$1,229
Program Direction Program Direction	\$4,533	\$4,598	\$4,806
Total Program Direction	\$4,533	\$4,598	\$4,806
Total Defense Environmental Services	\$6,840	\$9,520	\$6,035
Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health	\$2,748	\$2,858	\$2,230
Total Environment, Safety, and Health	\$2,748	\$2,858	\$2,230
Security Nuclear Safeguards and Security	\$6,828	\$7,923	\$9,166
Total Security	\$6,828	\$7,923	\$9,166
Office of Legacy Management Worker and Community Transition	\$300	\$0	\$0
Total Office of Legacy Management	\$300	\$0	\$0
Total Other Defense Activities  Defense Nuclear Nonproliferation  Nonproliferation and Verification R&D	\$9,876	\$10,781	\$11,396
Nonproliferation and Verification R&D	\$10,150	\$6,959	\$5,000
Total Nonproliferation and Verification R&D	\$10,150	\$6,959	\$5,000
Nonproliferation and International Security Nonproliferation and International Security	\$231	\$356	\$360
Total Nonproliferation and International Security	\$231	\$356	\$360
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio HEU Transparency Implementation Fissile Materials Disposition	\$5,024 \$245 \$0	\$11,962 \$400 \$100	\$2,488 \$500 \$0
Total Nonproliferation Programs with Russia	\$5,269	\$12,462	\$2,988
Total Defense Nuclear Nonproliferation	\$15,650	\$19,777	\$8,348

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#### State Table

(Dollars In Thousands)

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evada	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Office of the Administrator			-
Office of the Administrator			
Office of the Administrator	\$16,026	\$17,700	\$17,542
Total Office of the Administrator	\$16,026	\$17,700	\$17,542
Total Office of the Administrator	\$16,026	\$17,700	\$17,542
Office of the Inspector General			
Office of the Inspector General		•	• • • • •
Office of the Inspector General	\$1,148	\$1,159	\$1,271
Total Office of the Inspector General	\$1,148	\$1,159	\$1,271
Total Office of the Inspector General	\$1,148	\$1,159	\$1,271
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$1,896	\$3,594	\$2,333
Total Systems Operation and Maintenance	\$1,896	\$3,594	\$2,333
Program Direction			
Program Direction	\$506	\$542	\$502
Total Program Direction	\$506	\$542	\$502
Total Western Area Power Admin. Const.,Rehab.,O&M	\$2,402	\$4,136	\$2,835
Colorado River Basins Power Marketing Fund			
Program Direction			
Program Direction	\$536	\$401	\$376
Total Program Direction	\$536	\$401	\$376
Total Colorado River Basins Power Marketing Fund	\$536	\$401	\$376
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$823	\$835	\$1,186
State Energy Program	\$397	\$390	\$361
Total Weatherization and Intergovernmental Activities	\$1,220	\$1,225	\$1,547
Vehicle Technologies	<b>#4.040</b>	<b>#</b> 0	
Hybrid and Electric Propulsion	\$1,619	\$0	\$0
Total Vehicle Technologies	\$1,619	\$0	\$0
Total Energy Conservation	\$2,839	\$1,225	\$1,547
Nuclear Waste Fund			
Nuclear Waste Disposal		<b>*</b>	
Repository Program	\$81,069	\$113,709	\$661,513
Program Direction	\$16,246	\$19,851	\$20,147
Total Nuclear Waste Disposal	\$97,315	\$133,560	\$681,660

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#### State Table

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Nevada	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Nuclear Waste Fund	\$97,315	\$133,560	\$681,660
Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal	\$250,473	\$298,607	\$78,909
Total Defense Nuclear Waste Disposal	\$250,473	\$298,607	\$78,909
Total Defense Nuclear Waste Disposal	\$250,473	\$298,607	\$78,909
Defense Site Acceleration Completion 2012 Accelerated Completions 2012 Accelerated Completions	\$6,315	\$10,218	\$6,221
Total 2012 Accelerated Completions	\$6,315	\$10,218	\$6,221
2035 Accelerated Completions 2035 Accelerated Completions	\$77,178	\$69,434	\$83,568
Total 2035 Accelerated Completions	\$77,178	\$69,434	\$83,568
Technology Development and Deployment Technology Development and Deployment	\$2,500	\$497	\$0
Total Technology Development and Deployment	\$2,500	\$497	\$0
Total Defense Site Acceleration Completion	\$85,993	\$80,149	\$89,789
Total Nevada	\$845,518	\$924,766	\$1,230,480

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## State Table

New Hampshire	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
Nuclear Physics			
Nuclear Physics	\$570	\$589	\$554
Total Nuclear Physics	\$570	\$589	\$554
Basic Energy Sciences			
Basic Energy Sciences	\$90	\$190	\$70
Total Basic Energy Sciences	\$90	\$190	\$70
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$276	\$0	\$0
Total Fusion Energy Sciences Program	\$276	\$0	\$0
Total Science	\$936	\$779	\$624
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems	\$714	\$293	\$0
Advanced Research	\$400	\$40	\$0
Total Coal and Other Power Systems	\$1,114	\$333	\$0
Total Fossil Energy Research and Development	\$1,114	\$333	\$0
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$1,485	\$1,508	\$1,879
State Energy Program	\$379	\$372	\$345
Total Weatherization and Intergovernmental Activities	\$1,864	\$1,880	\$2,224
Total Energy Conservation	\$1,864	\$1,880	\$2,224
Fotal New Hampshire	\$3,914	\$2,992	\$2,848

## Department Of Energy

FY 2005 Congressional Budget

#### State Table

(Dollars In Thousands)

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ew Jersey	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Non-Defense Site Acceleration Completion			•
2006 Accelerated Completions			
2006 Accelerated Completions	\$0	\$124	\$(
Total 2006 Accelerated Completions	\$0	\$124	\$0
Total Non-Defense Site Acceleration Completion	\$0	\$124	\$0
Science			
High Energy Physics	04.000	<b>0.4.440</b>	<b>0.4.50</b>
High Energy Physics	\$4,830	\$4,446	\$4,53
Total High Energy Physics	\$4,830	\$4,446	\$4,53
Nuclear Physics			
Nuclear Physics	\$215	\$195	\$19
Total Nuclear Physics	\$215	\$195	\$19
Biological and Environmental Research	\$2,544	\$1,664	\$39
Biological and Environmental Research	•	•	
Total Biological and Environmental Research	\$2,544	\$1,664	\$39
Basic Energy Sciences Basic Energy Sciences	\$2,409	\$2,899	\$2,93
Total Basic Energy Sciences	\$2,409	\$2,899	\$2,93
Fusion Energy Sciences Program	. ,	. ,	. ,
Fusion Energy Sciences Program	\$63,076	\$71,321	\$68,83
Total Fusion Energy Sciences Program	\$63,076	\$71,321	\$68,83
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$545	\$980	\$
Total Science Laboratories Infrastructure	\$545	\$980	\$
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$968	\$430	\$66
Total Advanced Scientific Computing Research	\$968	\$430	\$66
Safeguards and Security			
Safeguards and Security	\$3,489	\$1,855	\$1,94
Total Safeguards and Security	\$3,489	\$1,855	\$1,94
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$90	\$80	\$11
Total Workforce Development for Teachers and Scientists	\$90	\$80	\$11
Total Science	\$78,166	\$83,870	\$79,60
Office of the Inspector General			
Office of the Inspector General	<b>*-</b>	<b>*</b> -	<b></b> -
Office of the Inspector General	\$716	\$725	\$79
Total Office of the Inspector General	\$716	\$725	\$79

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#### State Table

		Request
\$716	\$725	\$794
\$268	\$0	\$0
\$103	\$452	\$452
\$75	\$0	\$0
\$446	\$452	\$452
\$35	\$0	\$0
\$35	\$0	\$0
\$481	\$452	\$452
\$5,021	\$5,104	\$6,978
\$1,254	\$1,231	\$1,141
\$6,275	\$6,335	\$8,119
\$6,275	\$6,335	\$8,119
\$1,800	\$2,280	\$2,280
\$1,800	\$2,280	\$2,280
\$1,800	\$2,280	\$2,280
\$87,438	\$93,786	\$91,252
	\$268 \$103 \$75 \$446 \$35 \$35 \$481 \$5,021 \$1,254 \$6,275 \$6,275 \$1,800 \$1,800 \$1,800	\$268 \$0 \$103 \$452 \$75 \$0 \$446 \$452 \$35 \$0 \$35 \$0 \$481 \$452 \$5,021 \$5,104 \$1,254 \$1,231 \$6,275 \$6,335 \$6,275 \$6,335 \$1,800 \$2,280 \$1,800 \$2,280 \$1,800 \$2,280

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#### State Table

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w Mexico	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Energy Supply			
Electric Transmission and Distribution Research & Development	\$12,540	\$13,389	\$13,722
Energy Efficiency and Renewable Energy	¢ንር	ድ <u>ን</u> ስ	œ.
Biomass and Biorefinery Systems R&D Wind Energy	\$30 \$4,110	\$30 \$4,050	\$4,25
Geothermal Technology	\$10,275	\$4,690	\$4,54
Hydrogen Technology	\$8,223	\$5,357	\$4,90
Solar Energy	\$12,000	\$12,100	\$11,00
Intergovernmental Activities	\$375	\$525	\$52
Total Energy Efficiency and Renewable Energy	\$47,553	\$40,141	\$38,93
Research & Development			
Nuclear Energy Plant Optimization	\$452	\$0	\$
Nuclear Energy Research Initiative	\$1,864	\$1,201	\$
Nuclear Hydrogen Initiative	\$650	\$600	\$1,40
Advanced Fuel Cycle Initiative	\$15,512	\$17,610	\$10,03
Generation IV Nuclear Energy Systems Initiative	\$1,765	\$1,857	\$1,07
Total Research & Development	\$20,243	\$21,268	\$12,50
Infrastructure Radiological Facilities Management	\$16,548	\$16,962	\$18,86
Total Infrastructure	\$16,548	\$16,962	\$18,86
Total Energy Supply	\$84,344	\$78,371	\$70,30
Non-Defense Site Acceleration Completion			
2006 Accelerated Completions			
2006 Accelerated Completions	\$1,065	\$476	\$49
Total 2006 Accelerated Completions	\$1,065	\$476	\$49
2035 Accelerated Completions			
2035 Accelerated Completions	\$433	\$480	\$45
Total 2035 Accelerated Completions	\$433	\$480	\$45
Total Non-Defense Site Acceleration Completion	\$1,498	\$956	\$94
Science			
High Energy Physics			
High Energy Physics	\$1,619	\$1,330	\$1,43
Total High Energy Physics	\$1,619	\$1,330	\$1,43
Nuclear Physics Nuclear Physics	\$10,484	\$9,781	\$9,93
Total Nuclear Physics	\$10,484	\$9,781	\$9,93
Biological and Environmental Research		•	
Biological and Environmental Research	\$42,108	\$25,732	\$24,56
Total Biological and Environmental Research	\$42,108	\$25,732	\$24,56

State Table

(Dollars In Thousands)

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/ Mexico	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Basic Energy Sciences Basic Energy Sciences	\$48,095	\$69,254	\$65,629
Total Basic Energy Sciences	\$48,095	\$69,254	\$65,629
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$9,653	\$6,391	\$6,194
Total Fusion Energy Sciences Program	\$9,653	\$6,391	\$6,194
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$13,498	\$12,471	\$11,670
Total Advanced Scientific Computing Research	\$13,498	\$12,471	\$11,670
Program Direction Program Direction	\$163	\$0	\$0
Total Program Direction	\$163	\$0	\$0
Total Science	\$125,620	\$124,959	\$119,429
Veapons Activities Directed Stockpile Work Directed Stockpile Work	\$624,892	\$646,167	\$662,608
Total Directed Stockpile Work	\$624,892	\$646,167	\$662,608
Science Campaign Science Campaign	\$101,133	\$88,808	\$111,661
Total Science Campaign	\$101,133	\$88,808	\$111,661
Engineering Campaign Engineering Campaign	\$227,712	\$209,210	\$191,134
Total Engineering Campaign	\$227,712	\$209,210	\$191,134
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$68,995	\$84,940	\$78,487
Total Inertial Confinement Fusion and High Yield Campaig	\$68,995	\$84,940	\$78,487
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$308,120	\$281,801	\$284,072
Total Advanced Simulation & Computing Campaign	\$308,120	\$281,801	\$284,072
Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign	\$209,103	\$218,765	\$220,820
Total Pit Manufacturing and Certification Campaign	\$209,103	\$218,765	\$220,820
Readiness Campaign Readiness Campaign	\$33,321	\$33,281	\$33,376
Total Readiness Campaign	\$33,321	\$33,281	\$33,376
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$578,943	\$680,645	\$623,551
Total Readiness in Technical Base and Facilities	\$578,943	\$680,645	\$623,551

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#### State Table

/ Mexico	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Secure Transportation Asset	сотружрегор	Сотри грргор	rtoquoc
Secure Transportation Asset	\$168,548	\$181,452	\$201,300
Total Secure Transportation Asset	\$168,548	\$181,452	\$201,300
Nuclear Weapons Incident Response Nuclear Weapons Incident Response	\$23,186	\$27,780	\$31,260
Total Nuclear Weapons Incident Response	\$23,186	\$27,780	\$31,260
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$66,285	\$74,045	\$91,392
Total Facilities and Infrastructure Recapitalization Program	<sup>7</sup> \$66,285	\$74,045	\$91,392
Safeguards and Security Safeguards and Security	\$199,325	\$200,161	\$265,909
Total Safeguards and Security	\$199,325	\$200,161	\$265,909
Total Weapons Activities	\$2,609,563	\$2,727,055	\$2,795,570
Defense Environmental Services  Non-Closure Environmental Activities  Non-Closure Environmental Activities	\$19,269	\$0	\$0
Total Non-Closure Environmental Activities	\$19,269	\$0	\$(
Community and Regulatory Support Community and Regulatory Support	\$32,298	\$26,066	<b>\$25,07</b> 1
Total Community and Regulatory Support	\$32,298	\$26,066	\$25,071
Program Direction Program Direction	\$13,823	\$12,643	\$12,568
Total Program Direction	\$13,823	\$12,643	\$12,568
Total Defense Environmental Services	\$65,390	\$38,709	\$37,639
Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health	\$490	\$440	\$1,340
Total Environment, Safety, and Health	\$490	\$440	\$1,340
Independent Oversight & Performance Assurance Program Direction	\$750	\$250	\$250
Total Independent Oversight & Performance Assurance	\$750	\$250	\$250
Security Nuclear Safeguards and Security Security Investigations	\$27,845 \$29,117	\$29,844 \$34,870	\$24,000 \$32,552
Total Security	\$56,962	\$64,714	\$56,552
Office of Legacy Management Worker and Community Transition	\$1,693	\$0	\$0

State Table

(Dollars In Thousands)

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w Mexico	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Total Other Defense Activities	\$59,895	\$65,404	\$58,142
Defense Nuclear Nonproliferation	****	<b>,</b> , , , , , ,	¥ • • , · · · -
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$168,497	\$159,599	\$147,469
Total Nonproliferation and Verification R&D	\$168,497	\$159,599	\$147,469
Nonproliferation and International Security Nonproliferation and International Security	\$35,603	\$39,275	\$33,093
Total Nonproliferation and International Security	\$35,603	\$39,275	\$33,093
Nonproliferation Programs with Russia	, ,	, ,	, ,
International Nuclear Materials Protection & Cooperatio	\$77,826	\$76,144	\$66,509
Russian Transition Initiatives	\$10,284	\$10,493	\$10,573
HEU Transparency Implementation	\$5,138	\$6,050	\$7,450
Elimination of Weapons -Grade Plutonium Production P	\$48,339	\$64,635	\$49,697
Fissile Materials Disposition	\$46,903	\$37,630	\$10,230
Accelerated Materials Disposition	\$103	\$0	\$(
Offsite Source Recovery Project	\$2,172	\$1,961	\$5,600
Total Nonproliferation Programs with Russia	\$190,765	\$196,913	\$150,059
Total Defense Nuclear Nonproliferation	\$394,865	\$395,787	\$330,62
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$132,014	\$129,373	\$127,084
Total Office of the Administrator	\$132,014	\$129,373	\$127,084
Total Office of the Administrator	\$132,014	\$129,373	\$127,084
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$5,019	\$5,070	\$5,563
Total Office of the Inspector General	\$5,019	\$5,070	\$5,563
Total Office of the Inspector General	\$5,019	\$5,070	\$5,563
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$0	\$6	\$
Total Systems Operation and Maintenance	\$0	\$6	\$ <sup>-</sup>
Total Western Area Power Admin. Const.,Rehab.,O&M	\$0	\$6	\$´
	φυ	φυ	Ф
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses	000.000	<b>MOO 040</b>	<b>#05.00</b>
Colorado River Storage Project	\$68,363	\$22,946	\$25,208
Total Equipment, Contracts and Other Related Expenses	\$68,363	\$22,946	\$25,208
Program Direction			

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#### State Table

ew Mexico	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Program Direction	\$670	\$534	\$502
Total Program Direction	\$670	\$534	\$502
Total Colorado River Basins Power Marketing Fund	\$69,033	\$23,480	\$25,710
Fossil Energy Research and Development Coal and Other Power Systems			
Central Systems	\$1,450	\$1,364	\$400
Sequestration R&D	\$650	\$820	\$400
Fuels	\$0	\$0	\$700
Advanced Research	\$750	\$900	\$750
Total Coal and Other Power Systems	\$2,850	\$3,084	\$2,250
Gas	0040	<b>4745</b>	40
Natural Gas Technologies	\$919	\$715	\$0
Total Gas	\$919	\$715	\$0
Petroleum	<b>** ** ** ** ** ** ** **</b>	<b>450</b>	•
Oil Technology	\$1,019	\$50	\$0
Total Petroleum	\$1,019	\$50	\$0
Total Fossil Energy Research and Development	\$4,788	\$3,849	\$2,250
Energy Conservation			
Industrial Technologies			
Industries of the Future (Specific)	\$3,381	\$1,025	\$720
Industries of the Future (Crosscutting)	\$1,182	\$856	\$608
Total Industrial Technologies	\$4,563	\$1,881	\$1,328
Program Management			
Program Management	\$249	\$247	\$250
Total Program Management	\$249	\$247	\$250
Federal Energy Management Program		<b>*</b> 0.40	
Federal Energy Management Program	\$486	\$240	\$240
Total Federal Energy Management Program	\$486	\$240	\$240
Fuel Cell Technologies			
Transportation Systems	\$3,564	\$200	\$200
Distributed Energy Systems	\$4,132	\$0	\$0
Fuel Processor R&D	\$9,533	\$359	\$709
Stack Component R&D	\$12,729	\$4,400	\$7,150
Technology Validation	\$200	\$0	\$0
Total Fuel Cell Technologies	\$30,158	\$4,959	\$8,059
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$1,880	\$1,910	\$2,390
State Energy Program	\$414	\$407	\$377
Total Weatherization and Intergovernmental Activities	\$2,294	\$2,317	\$2,767

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FY 2004

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FY 2005

#### State Table

(Dollars In Thousands)

FY 2003

\$2,558

\$2,558

\$2,612

\$2,612

\$2,667

\$2,667

w Mexico	FY 2003	FY 2004	FY 2005
W MEXICO	Comp/Approp	Comp/Approp	Reques
Vehicle Technologies			
Vehicle Systems	\$3,657	\$100	\$200
Hybrid and Electric Propulsion	\$1,870	\$2,188	\$1,700
Advanced Combustion R&D	\$11,685	\$6,446	\$6,600
Materials Technology	\$302	\$445	\$1,371
Fuels Technology	\$590	\$610	\$350
Total Vehicle Technologies	\$18,104	\$9,789	\$10,221
Building Technologies			
Emerging Technologies	\$0	\$250	\$0
Total Building Technologies	\$0	\$250	\$0
Total Energy Conservation	\$55,854	\$19,683	\$22,865
Defense Nuclear Waste Disposal			
Defense Nuclear Waste Disposal			
Defense Nuclear Waste Disposal	\$27,167	\$25,809	\$25,520
Total Defense Nuclear Waste Disposal	\$27,167	\$25,809	\$25,520
Total Defense Nuclear Waste Disposal	\$27,167	\$25,809	\$25,520
Defense Site Acceleration Completion			
2006 Accelerated Completions			
2006 Accelerated Completions	\$23,918	\$21,804	\$20,246
Total 2006 Accelerated Completions	\$23,918	\$21,804	\$20,246
2012 Accelerated Completions	,	, ,	
2012 Accelerated Completions	\$28,916	\$42,730	\$41,502
Total 2012 Accelerated Completions	\$28,916	\$42,730	\$41,502
2035 Accelerated Completions	,	, ,	
2035 Accelerated Completions	\$250,932	\$254,931	\$284,577
Total 2035 Accelerated Completions	\$250,932	\$254,931	\$284,577
Technology Development and Deployment			
Technology Development and Deployment	\$4,647	\$0	\$0
Total Technology Development and Deployment	\$4,647	\$0	\$0
Safeguards and Security			
Safeguards and Security	\$3,262	\$3,441	\$4,105
Total Safeguards and Security	\$3,262	\$3,441	\$4,105
Total Defense Site Acceleration Completion	\$311,675	\$322,906	\$350,430

Strategic Petroleum Reserve Storage Facilities Operations SPR - Facilities Development

Total Storage Facilities Operations

State Table (Dollars In Thousands)

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New Mexico	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Strategic Petroleum Reserve	\$2,558	\$2,612	\$2,667
Total New Mexico	\$3,949,283	\$3,964,029	\$3,974,735

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#### State Table

w York	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply			
Electric Transmission and Distribution Research & Development	\$480	\$424	\$505
Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D	\$40	\$40	\$40
Geothermal Technology	\$845	\$420	\$400
Solar Energy	\$400	\$400	\$400
Total Energy Efficiency and Renewable Energy	\$1,765	\$1,284	\$1,345
Research & Development			
Nuclear Energy Plant Optimization	\$330	\$0	\$0
Advanced Fuel Cycle Initiative	\$390	\$700	\$(
Generation IV Nuclear Energy Systems Initiative	\$50	\$290	\$200
Total Research & Development	\$770	\$990	\$200
Infrastructure	04.700	<b>#0.070</b>	<b>#0.07</b> 0
Radiological Facilities Management	\$1,700	\$2,373	\$2,673
Total Infrastructure	\$1,700	\$2,373	\$2,673
Total Energy Supply	\$4,235	\$4,647	\$4,218
Non-Defense Site Acceleration Completion			
2006 Accelerated Completions	<b>#20.00</b> E	¢27.406	¢27.470
2006 Accelerated Completions	\$38,295	\$37,406	\$37,470
Total 2006 Accelerated Completions	\$38,295	\$37,406	\$37,470
2012 Accelerated Completions	<b>#04.040</b>	£100 460	¢70.707
2012 Accelerated Completions	\$91,843	\$100,462	\$78,734
Total 2012 Accelerated Completions	\$91,843	\$100,462	\$78,734
Total Non-Defense Site Acceleration Completion	\$130,138	\$137,868	\$116,204
Non-Defense Environmental Services			
Community and Regulatory Support			
Community and Regulatory Support	\$0	\$660	\$50
Total Community and Regulatory Support	\$0	\$660	\$50
Total Non-Defense Environmental Services	\$0	\$660	\$50
Science			
High Energy Physics			
High Energy Physics	\$44,205	\$29,564	\$26,216
Total High Energy Physics	\$44,205	\$29,564	\$26,216
Nuclear Physics			
Nuclear Physics	\$151,486	\$152,028	\$160,080
Total Nuclear Physics	\$151,486	\$152,028	\$160,080
Biological and Environmental Research			
Biological and Environmental Research	\$29,056	\$25,177	\$22,712

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FY 2004

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FY 2005

#### State Table

(Dollars In Thousands)

FY 2003

w York	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Biological and Environmental Research	\$29,056	\$25,177	\$22,712
Basic Energy Sciences Basic Energy Sciences	\$75,316	\$76,322	\$87,541
Total Basic Energy Sciences	\$75,316	\$76,322	\$87,541
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$4,438	\$4,610	\$4,220
Total Fusion Energy Sciences Program	\$4,438	\$4,610	\$4,220
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$8,244	\$6,696	\$4,758
Total Science Laboratories Infrastructure	\$8,244	\$6,696	\$4,758
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$4,468	\$3,795	\$3,874
Total Advanced Scientific Computing Research	\$4,468	\$3,795	\$3,874
Safeguards and Security Safeguards and Security	\$10,929	\$10,756	\$11,342
Total Safeguards and Security	\$10,929	\$10,756	\$11,342
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$517	\$517	\$725
Total Workforce Development for Teachers and Scientists	\$517	\$517	\$725
Total Science	\$328,659	\$309,465	\$321,468
Weapons Activities Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$46,762	\$62,618	\$45,469
Total Inertial Confinement Fusion and High Yield Campaig	\$46,762	\$62,618	\$45,469
	\$46,762	•	
Total Weapons Activities Other Defense Activities	φ40,70Z	\$62,618	\$45,469
Environment, Safety, and Health Environment, Safety, and Health	\$120	\$205	\$14,460
Total Environment, Safety, and Health	\$120	\$205	\$14,460
Total Other Defense Activities	\$120	\$205	\$14,460
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D  Nonproliferation and Verification R&D	\$400	\$0	\$0
Total Nonproliferation and Verification R&D	\$400	\$0	\$0
Nonproliferation and International Security Nonproliferation and International Security	\$2,928	\$2,519	\$2,362
Total Nonproliferation and International Security	\$2,928	\$2,519	\$2,362

## Department Of Energy

### FY 2005 Congressional Budget

#### State Table

(Dollars In Thousands)

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ew York	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Russian Transition Initiatives International Nuclear Safety and Cooperation	\$16,954 \$3,308 \$200	\$37,672 \$3,321 \$0	\$27,583 \$3,359 \$0
Total Nonproliferation Programs with Russia	\$20,462	\$40,993	\$30,942
Total Defense Nuclear Nonproliferation	\$23,790	\$43,512	\$33,304
Naval Reactors Naval Reactors Development Naval Reactors Development	\$269,500	\$282,028	\$308,250
Total Naval Reactors Development	\$269,500	\$282,028	\$308,250
Program Direction Program Direction	\$6,330	\$6,712	\$7,002
Total Program Direction	\$6,330	\$6,712	\$7,002
Total Naval Reactors	\$275,830	\$288,740	\$315,252
Bonneville Power Administration Fund Bonneville Power Administration Bonneville Power Administration	\$225	\$195	\$212
Total Bonneville Power Administration	\$225	\$195	\$212
Total Bonneville Power Administration Fund	\$225	\$195	\$212
Fossil Energy Research and Development Coal and Other Power Systems Central Systems Distributed Generation Systems - Fuel Cells Sequestration R&D Fuels Advanced Research	\$6,090 \$6,700 \$0 \$1,767 \$150	\$6,385 \$3,100 \$1,000 \$5,381 \$150	\$3,760 \$2,200 \$500 \$0 \$165
Total Coal and Other Power Systems	\$14,707	\$16,016	\$6,625
Gas Natural Gas Technologies	\$1,500	\$473	\$1,100
Total Gas	\$1,500	\$473	\$1,100
Total Fossil Energy Research and Development  Energy Conservation  Program Management  Program Management	\$16,207 \$273	\$16,489 \$272	\$7,725 \$275
Total Program Management	\$273	\$272	\$275
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$19,846 \$2,447	\$20,177 \$2,403	\$27,456 \$2,227

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#### State Table

(Dollars In Thousands)

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New York	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Weatherization and Intergovernmental Activities	\$22,293	\$22,580	\$29,683
Vehicle Technologies Fuels Technology	\$1,293	\$370	\$0
Total Vehicle Technologies	\$1,293	\$370	\$0
Distributed Energy Resources Distributed Generation Technology Development	\$450	\$0	\$0
Total Distributed Energy Resources	\$450	\$0	\$0
Building Technologies Emerging Technologies	\$225	\$470	\$225
Total Building Technologies	\$225	\$470	\$225
Total Energy Conservation	\$24,534	\$23,692	\$30,183
Defense Site Acceleration Completion 2035 Accelerated Completions 2035 Accelerated Completions	\$716	\$5,411	\$5,708
Total 2035 Accelerated Completions	\$716	\$5,411	\$5,708
Safeguards and Security Safeguards and Security	\$2,164	\$2,555	\$2,669
Total Safeguards and Security	\$2,164	\$2,555	\$2,669
Total Defense Site Acceleration Completion	\$2,880	\$7,966	\$8,377
Total New York	\$853,380	\$896,057	\$896,922

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#### State Table

(Dollars In Thousands)

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orth Carolina	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$1,200	\$1,160	\$1,064
Total High Energy Physics	\$1,200	\$1,160	\$1,064
Nuclear Physics Nuclear Physics	\$5,661	\$5,266	\$5,320
Total Nuclear Physics	\$5,661	\$5,266	\$5,320
Biological and Environmental Research Biological and Environmental Research	\$3,268	\$2,426	\$1,976
Total Biological and Environmental Research	\$3,268	\$2,426	\$1,976
Basic Energy Sciences Basic Energy Sciences	\$3,141	\$2,363	\$2,279
Total Basic Energy Sciences	\$3,141	\$2,363	\$2,279
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$73	\$73	\$73
Total Fusion Energy Sciences Program	\$73	\$73	\$73
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$725	\$424	\$532
Total Advanced Scientific Computing Research	\$725	\$424	\$532
Total Science	\$14,068	\$11,712	\$11,244
Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling			
Purchase Power and Wheeling	\$2,104	\$2,052	\$0
Total Purchase Power and Wheeling	\$2,104	\$2,052	\$0
Total Southeastern Power Admin Operation & Maint.	\$2,104	\$2,052	\$0
Fossil Energy Research and Development Coal and Other Power Systems Central Systems Sequestration R&D	\$3,700 \$213	\$3,404 \$0	\$1,500 \$0
Total Coal and Other Power Systems	\$3,913	\$3,404	\$1,500
Petroleum Oil Technology	\$225	\$355	\$130
Total Petroleum	\$225	\$355	\$130
Total Fossil Energy Research and Development	\$4,138	\$3,759	\$1,630
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$4,092 \$1,020	\$4,160 \$1,002	\$5,893 \$928

State Table (Dollars In Thousands)

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North Carolina	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Weatherization and Intergovernmental Activities	\$5,112	\$5,162	\$6,821
Total Energy Conservation	\$5,112	\$5,162	\$6,821
Total North Carolina	\$25,422	\$22,685	\$19,695

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### State Table

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orth Dakota	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			-
Biological and Environmental Research Biological and Environmental Research	\$10	\$10	\$10
Total Biological and Environmental Research	\$10	\$10	\$10
Basic Energy Sciences	Ψ10	Ψ10	ΨΙΟ
Basic Energy Sciences	\$221	\$219	\$142
Total Basic Energy Sciences	\$221	\$219	\$142
Total Science	\$231	\$229	\$152
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance			
Systems Operation and Maintenance	\$32,506	\$29,157	\$5,937
Total Systems Operation and Maintenance	\$32,506	\$29,157	\$5,937
Program Direction Program Direction	\$6,272	\$6,474	\$5,874
Total Program Direction	\$6,272	\$6,474	\$5,874
Total Western Area Power Admin. Const.,Rehab.,O&M	\$38,778	\$35,631	\$11,811
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$3,948	\$4,532	\$3,011
Total Equipment, Contracts and Other Related Expenses	\$3,948	\$4,532	\$3,011
Program Direction Program Direction	\$0	\$133	\$125
Total Program Direction	\$0	\$133	\$125
Total Colorado River Basins Power Marketing Fund	\$3,948	\$4,665	\$3,136
Fossil Energy Research and Development Coal and Other Power Systems			
Central Systems	\$3,597	\$3,275	\$3,652
Sequestration R&D	\$3,112	\$1,478	\$1,976
Total Coal and Other Power Systems	\$6,709	\$4,753	\$5,628
Cooperative R&D Cooperative Research & Development	\$3,965	\$4,177	\$1,480
Total Cooperative R&D	\$3,965	\$4,177	\$1,480
Total Fossil Energy Research and Development	\$10,674	\$8,930	\$7,108
Energy Conservation			
Weatherization and Intergovernmental Activities Weatherization Assistance Program	\$2,457	\$2,497	\$2,884
State Energy Program	\$323	\$317	\$2,004 \$294

State Table (Dollars In Thousands)

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North Dakota	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Weatherization and Intergovernmental Activities	\$2,780	\$2,814	\$3,178
Total Energy Conservation	\$2,780	\$2,814	\$3,178
Total North Dakota	\$56,411	\$52,269	\$25,385

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### State Table

(Dollars In Thousands)

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Northern Mariana Isl	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Conservation Weatherization and Intergovernmental Activities State Energy Program	\$229	\$225	\$208
Total Weatherization and Intergovernmental Activities	\$229	\$225	\$208
Total Energy Conservation	\$229	\$225	\$208
Total Northern Mariana Isl	\$229	\$225	\$208

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State Table (Dollars In Thousands)

nio	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Uranium Enrichment Decon. & Decom. Fund Uranium Enrichment D&D Fund			
Uranium Enrichment D&D Fund	\$64,007	\$80,416	\$91,779
Total Uranium Enrichment D&D Fund	\$64,007	\$80,416	\$91,779
Total Uranium Enrichment Decon. & Decom. Fund	\$64,007	\$80,416	\$91,779
Non-Defense Environmental Services Non-Closure Environmental Activities Non-Closure Environmental Activities	\$106,607	\$198,223	\$181,205
Total Non-Closure Environmental Activities	\$106,607	\$198,223	\$181,205
Total Non-Defense Environmental Services	\$106,607	\$198,223	\$181,205
Science High Energy Physics High Energy Physics	\$4,338	\$3,500	\$3,162
Total High Energy Physics	\$4,338	\$3,500	\$3,162
Nuclear Physics Nuclear Physics	\$1,332	\$1,173	\$1,218
Total Nuclear Physics	\$1,332	\$1,173	\$1,218
Biological and Environmental Research Biological and Environmental Research	\$4,672	\$1,366	\$541
Total Biological and Environmental Research	\$4,672	\$1,366	\$54 <i>′</i>
Basic Energy Sciences Basic Energy Sciences	\$3,370	\$2,561	\$1,526
Total Basic Energy Sciences	\$3,370	\$2,561	\$1,526
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$483	\$463	\$236
Total Advanced Scientific Computing Research	\$483	\$463	\$236
Total Science	\$14,195	\$9,063	\$6,683
Defense Environmental Services Community and Regulatory Support Community and Regulatory Support	ФО.	<b>60 274</b>	¢0.74/
Total Community and Regulatory Support	\$0	\$2,374	\$2,740
Program Direction	\$0	\$2,374	\$2,740
Program Direction  Program Direction	\$20,817	\$21,623	\$6,993
Total Program Direction	\$20,817	\$21,623	\$6,993
Total Defense Environmental Services Other Defense Activities	\$20,817	\$23,997	\$9,733

Environment, Safety, and Health

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#### State Table

hio	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Environment, Safety, and Health	\$90	\$155	\$200
Total Environment, Safety, and Health	\$90	\$155	\$200
Office of Legacy Management Worker and Community Transition	\$2,222	\$0	\$0
Total Office of Legacy Management	\$2,222	\$0	\$0
Total Other Defense Activities	\$2,312	\$155	\$200
Fossil Energy Research and Development Coal and Other Power Systems			
Central Systems	\$1,590 \$2,270	\$2,525	\$911
Sequestration R&D Fuels	\$3,279 \$460	\$1,750 \$425	\$1,247 \$315
Advanced Research	\$2,323	\$2,361	\$2,269
Total Coal and Other Power Systems	\$7,652	\$7,061	\$4,742
Gas Natural Gas Technologies	\$443	\$329	\$0
Total Gas	\$443	\$329	\$0
Total Fossil Energy Research and Development	\$8,095	\$7,390	\$4,742
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program	\$13,520	\$13,745	\$17,047
State Energy Program	\$1,720	\$1,689	\$1,566
Total Weatherization and Intergovernmental Activities	\$15,240	\$15,434	\$18,613
Total Energy Conservation	\$15,240	\$15,434	\$18,613
Defense Site Acceleration Completion 2006 Accelerated Completions			
2006 Accelerated Completions	\$453,500	\$453,374	\$452,115
Total 2006 Accelerated Completions	\$453,500	\$453,374	\$452,115
Technology Development and Deployment  Technology Development and Deployment	\$10,000	\$5,000	\$3,000
Total Technology Development and Deployment	\$10,000	\$5,000	\$3,000
Safeguards and Security Safeguards and Security	\$21,792	\$23,813	\$17,832
Total Safeguards and Security	\$21,792	\$23,813	\$17,832
Total Defense Site Acceleration Completion	\$485,292	\$482,187	\$472,947
tal Ohio	\$716,565	\$816,865	\$785,902

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#### State Table

lahoma	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$807	\$807	\$698
Total High Energy Physics	\$807	\$807	\$698
Biological and Environmental Research	400.	Ψ	Ţ O O O
Biological and Environmental Research	\$885	\$484	\$440
Total Biological and Environmental Research	\$885	\$484	\$440
Basic Energy Sciences Basic Energy Sciences	\$915	\$808	\$673
Total Basic Energy Sciences	\$915	\$808	\$673
Total Science	\$2,607	\$2,099	\$1,811
Southwestern Power Admin Operation & Maint. Systems Operation and Maintenance	<del>-</del> -,	<del>*</del> -,	+ 1,5 11
Systems Operation and Maintenance	\$1,453	\$1,892	\$2,053
Total Systems Operation and Maintenance	\$1,453	\$1,892	\$2,053
SWPA Construction Construction	\$3,019	\$3,844	\$2,800
Total SWPA Construction	\$3,019	\$3,844	\$2,800
Program Direction Program Direction	\$10,357	\$11,390	\$12,146
Total Program Direction	\$10,357	\$11,390	\$12,146
Total Southwestern Power Admin Operation & Maint.	\$14,829	\$17,126	\$16,999
Fossil Energy Research and Development Gas	. ,	, ,	. ,
Natural Gas Technologies	\$133	\$213	\$0
Total Gas	\$133	\$213	\$0
Petroleum Oil Technology	\$4,503	\$3,697	\$1,900
Total Petroleum	\$4,503	\$3,697	\$1,900
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$15	\$25	\$10
Total Fossil Energy Environmental Restoration	\$15	\$25	\$10
Total Fossil Energy Research and Development	\$4,651	\$3,935	\$1,910
Energy Conservation	<b>V</b> 1,001	ψο,σοσ	<b>V</b> 1, <b>0</b> 10
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$2,550	\$2,592	\$3,352
State Energy Program	\$632	\$621	\$575
Total Weatherization and Intergovernmental Activities	\$3,182	\$3,213	\$3,927

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State Table

(Dollars In Thousands)

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Oklahoma	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Energy Conservation	\$3,182	\$3,213	\$3,927
Strategic Petroleum Reserve Storage Facilities Operations SPR - Facilities Development	\$750	\$860	\$860
Total Storage Facilities Operations	\$750	\$860	\$860
Total Strategic Petroleum Reserve	\$750	\$860	\$860
Total Oklahoma	\$26,019	\$27,233	\$25,507

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#### State Table

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Energy Cupply			
Energy Supply			
Energy Efficiency and Renewable Energy			
Wind Energy	\$95 \$50	\$300	\$300
Hydropower	\$50	\$0	\$50
Total Energy Efficiency and Renewable Energy	\$145	\$300	\$350
Total Energy Supply	\$145	\$300	\$350
Science			
High Energy Physics High Energy Physics	\$8,512	\$9,758	\$781
Total High Energy Physics	\$8,512	\$9,758	\$781
Nuclear Physics Nuclear Physics	\$213	\$212	\$214
Total Nuclear Physics	\$213	\$212	\$214
Biological and Environmental Research	Ψ210	Ψ212	Ψ=11
Biological and Environmental Research	\$2,292	\$643	\$829
Total Biological and Environmental Research	\$2,292	\$643	\$829
Basic Energy Sciences Basic Energy Sciences	\$919	\$493	\$1,193
Total Basic Energy Sciences	\$919	\$493	\$1,193
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$704	\$384	\$340
Total Advanced Scientific Computing Research	\$704	\$384	\$340
Total Science	\$12,640	\$11,490	\$3,357
Bonneville Power Administration Fund			
Bonneville Power Administration			
Bonneville Power Administration	\$611,638	\$640,910	\$661,215
Total Bonneville Power Administration	\$611,638	\$640,910	\$661,215
Total Bonneville Power Administration Fund	\$611,638	\$640,910	\$661,215
Fossil Energy Research and Development			
Coal and Other Power Systems	<b>450</b>	<b>450</b>	
Central Systems	\$450	\$450 \$450	\$0
Advanced Research	\$450	\$450	\$500
Total Coal and Other Power Systems	\$900	\$900	\$500
Gas Natural Gas Technologies	\$100	\$0	\$0
Total Gas	· ·		
	\$100	\$0	\$0
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$1,729	\$1,739	\$1,248

State Table (Dollars In Thousands)

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Oregon	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Fossil Energy Environmental Restoration	\$1,729	\$1,739	\$1,248
Advanced Metallurgical Processes Advanced Metallurgical Processes	\$5,961	\$9,876	\$8,000
Total Advanced Metallurgical Processes	\$5,961	\$9,876	\$8,000
Total Fossil Energy Research and Development	\$8,690	\$12,515	\$9,748
Energy Conservation Weatherization and Intergovernmental Activities			
Weatherization Assistance Program State Energy Program	\$2,777 \$519	\$2,821 \$510	\$3,488 \$472
Total Weatherization and Intergovernmental Activities	\$3,296	\$3,331	\$3,960
Total Energy Conservation	\$3,296	\$3,331	\$3,960
Total Oregon	\$636,409	\$668,546	\$678,630

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### State Table

(Dollars In Thousands)

ennsylvania	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply			
Electric Transmission and Distribution Research & Development	\$0	\$257	\$208
Energy Efficiency and Renewable Energy Wind Energy	\$100	\$100	\$100
Solar Energy	\$50	\$50	\$50
Total Energy Efficiency and Renewable Energy	\$150	\$407	\$358
Total Energy Supply	\$150	\$407	\$358
Science			
High Energy Physics High Energy Physics	\$5,689	\$5,775	\$5,348
Total High Energy Physics	\$5,689	\$5,775	\$5,348
Nuclear Physics Nuclear Physics	\$2,300	\$1,755	\$2,261
Total Nuclear Physics	\$2,300	\$1,755	\$2,261
Biological and Environmental Research	\$2,300	φ1,733	φ <b>∠</b> ,∠0 i
Biological and Environmental Research	\$3,581	\$2,907	\$2,173
Total Biological and Environmental Research	\$3,581	\$2,907	\$2,173
Basic Energy Sciences Basic Energy Sciences	\$9,547	\$8,472	\$5,486
Total Basic Energy Sciences	\$9,547	\$8,472	\$5,486
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$544	\$706	\$440
Total Fusion Energy Sciences Program	\$544	\$706	\$440
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$896	\$306	\$748
Total Advanced Scientific Computing Research			
- Total Advanced edichane compating Research	\$896	\$306	\$748
Total Science	\$22,557	\$19,921	\$16,456
Naval Reactors			
Naval Reactors Development  Naval Reactors Development	\$351,600	\$396,234	\$401,150
Total Naval Reactors Development	\$351,600	\$396,234	\$401,150
Program Direction Program Direction	\$7,755	\$8,231	\$8,748
Total Program Direction	\$7,755	\$8,231	\$8,748
Total Naval Reactors Office of the Inspector Conoral	\$359,355	\$404,465	\$409,898

Office of the Inspector General Office of the Inspector General

# Department Of Energy

# FY 2005 Congressional Budget

### State Table

(Dollars In Thousands)

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nnsylvania	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Office of the Inspector General	\$1,578	\$1,594	\$1,748
Total Office of the Inspector General	\$1,578	\$1,594	\$1,748
Total Office of the Inspector General	\$1,578	\$1,594	\$1,748
Bonneville Power Administration Fund Bonneville Power Administration Bonneville Power Administration	<b>\$22</b> 5	\$195	<b>¢</b> 242
Total Bonneville Power Administration	\$225	•	\$212
	\$225	\$195	\$212
Total Bonneville Power Administration Fund	\$225	\$195	\$212
Fossil Energy Research and Development Coal and Other Power Systems Central Systems Distributed Congretion Systems Fuel Cells	\$16,380 \$14,900	\$12,978 \$12,891	\$10,481 \$2,200
Distributed Generation Systems - Fuel Cells Sequestration R&D	\$9,837	\$12,691 \$3,248	\$8,131
Fuels	\$13,737	\$8,153	\$1,350
Advanced Research	\$630	\$600	\$590
Total Coal and Other Power Systems	\$55,484	\$37,870	\$22,752
Gas Natural Gas Technologies	\$3,043	\$3,591	\$3,300
Total Gas	\$3,043	\$3,591	\$3,300
Petroleum Oil Technology	\$0	\$300	\$0
Total Petroleum	\$0	\$300	\$0
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$1,570	\$1,428	\$1,208
Total Fossil Energy Environmental Restoration	\$1,570	\$1,428	\$1,208
Total Fossil Energy Research and Development	\$60,097	\$43,189	\$27,260
Energy Conservation Program Management	<b>#2.650</b>	¢2.604	<b>\$2.046</b>
Program Management  Total Program Management	\$2,658	\$2,601	\$2,916
	\$2,658	\$2,601	\$2,916
Biomass & Biorefinery Systems R&D Utilization of Platform Output R&D Industrial Gasification	\$0 \$50	\$370 \$0	\$0 \$0
Total Biomass & Biorefinery Systems R&D	\$50	\$370	\$0
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$14,471 \$1,717	\$14,712 \$1,686	\$18,312 \$1,563
Total Weatherization and Intergovernmental Activities	\$16,188	\$16,398	\$19,875

# State Table

(Dollars In Thousands)

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Pennsylvania	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Energy Conservation	\$18,896	\$19,369	\$22,791
Energy Information Administration Energy Information Administration National Energy Information System	\$1,684	\$2,036	\$2,388
Total Energy Information Administration	\$1,684	\$2,036	\$2,388
Total Energy Information Administration	\$1,684	\$2,036	\$2,388
Total Pennsylvania	\$464,542	\$491,176	\$481,111

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### State Table

uerto Rico	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$160	\$160	\$163
Total High Energy Physics	\$160	\$160	\$163
Biological and Environmental Research Biological and Environmental Research	\$0	\$92	\$77
Total Biological and Environmental Research	\$0	\$92	\$77
Basic Energy Sciences Basic Energy Sciences	\$590	\$493	\$460
Total Basic Energy Sciences	\$590	\$493	\$460
Total Science	\$750	\$745	\$700
Energy Conservation Weatherization and Intergovernmental Activities			
State Energy Program	\$543	\$533	\$494
Total Weatherization and Intergovernmental Activities	\$543	\$533	\$494
Total Energy Conservation	\$543	\$533	\$494
otal Puerto Rico	\$1,293	\$1,278	\$1,194

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### State Table

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hode Island	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$1,160	\$1,235	\$1,027
Total High Energy Physics	\$1,160	\$1,235	\$1,027
Nuclear Physics	ψ1,100	Ψ1,200	Ψ1,021
Nuclear Physics	\$200	\$200	\$200
Total Nuclear Physics	\$200	\$200	\$200
Biological and Environmental Research Biological and Environmental Research	\$182	\$158	\$150
Total Biological and Environmental Research	\$182	\$158	\$150
Basic Energy Sciences Basic Energy Sciences	\$781	\$568	\$590
Total Basic Energy Sciences	\$781	\$568	\$590
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$521	\$300	\$230
Total Advanced Scientific Computing Research	\$521	\$300	\$230
Total Science	\$2,844	\$2,461	\$2,197
Energy Conservation			
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$1,138 \$353	\$1,156 \$347	\$1,507 \$321
Total Weatherization and Intergovernmental Activities	\$1,491	\$1,503	\$1,828
Total Energy Conservation	\$1,491	\$1,503	\$1,828
Northeast Home Heating Oil Reserve Account Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$0	\$600	\$600
Total Northeast Home Heating Oil Reserve	\$0	\$600	\$600
Total Northeast Home Heating Oil Reserve Account	\$0	\$600	\$600
otal Rhode Island	\$4,335	\$4,564	\$4,625

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### State Table

uth Carolina	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Energy Supply			
Research & Development  Nuclear Energy Research Initiative  Advanced Fuel Cycle Initiative	\$460 \$696	\$367 \$800	\$0 \$0
Total Research & Development	\$1,156	\$1,167	\$(
University Reactor Infrastructure and Education Assistance University Reactor Infrastructure and Education Assistan		\$300	\$300
Total University Reactor Infrastructure and Education Assis	\$300	\$300	\$300
Total Energy Supply	\$1,456	\$1,467	\$300
Science High Energy Physics High Energy Physics	\$580	\$580	\$493
Total High Energy Physics	\$580	\$580	\$493
Nuclear Physics Nuclear Physics	\$91	\$10	\$10
Total Nuclear Physics	\$91	\$10	\$10
Biological and Environmental Research Biological and Environmental Research	\$8,565	\$8,522	\$8,008
Total Biological and Environmental Research	\$8,565	\$8,522	\$8,00
Basic Energy Sciences Basic Energy Sciences	\$1,171	\$1,185	\$1,276
Total Basic Energy Sciences	\$1,171	\$1,185	\$1,276
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$45	\$45	\$44
Total Fusion Energy Sciences Program	\$45	\$45	\$44
Total Science	\$10,452	\$10,342	\$9,83
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$30,198	\$29,612	\$40,594
Total Directed Stockpile Work	\$30,198	\$29,612	\$40,594
Science Campaign Science Campaign	\$1,825	\$1,595	\$2,832
Total Science Campaign	\$1,825	\$1,595	\$2,832
Engineering Campaign Engineering Campaign	\$477	\$1,248	\$1,014
Total Engineering Campaign	\$477	\$1,248	\$1,014
Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign	\$1,918	\$5,507	\$9,000

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### State Table

(Dollars In Thousands)

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outh Carolina	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Pit Manufacturing and Certification Campaign	\$1,918	\$5,507	\$9,000
Readiness Campaign Readiness Campaign	\$94,731	\$99,072	\$55,530
Total Readiness Campaign	\$94,731	\$99,072	\$55,530
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$106,106	\$93,592	\$107,136
Total Readiness in Technical Base and Facilities	\$106,106	\$93,592	\$107,136
Nuclear Weapons Incident Response Nuclear Weapons Incident Response	\$664	\$853	\$1,532
Total Nuclear Weapons Incident Response	\$664	\$853	\$1,532
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$8,385	\$7,841	\$8,155
Total Facilities and Infrastructure Recapitalization Program	\$8,385	\$7,841	\$8,155
Safeguards and Security Safeguards and Security	\$11,562	\$12,599	\$13,124
Total Safeguards and Security	\$11,562	\$12,599	\$13,124
Total Weapons Activities	\$255,866	\$251,919	\$238,917
Defense Environmental Services Non-Closure Environmental Activities Non-Closure Environmental Activities	\$32,335	\$28,680	\$16,407
Total Non-Closure Environmental Activities	\$32,335	\$28,680	\$16,407
Community and Regulatory Support Community and Regulatory Support	\$7,711	\$6,118	\$7,256
Total Community and Regulatory Support	\$7,711	\$6,118	\$7,256
Program Direction Program Direction	\$48,092	\$49,053	\$47,718
Total Program Direction	\$48,092	\$49,053	\$47,718
Total Defense Environmental Services	\$88,138	\$83,851	\$71,381
Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health	\$1,360	\$1,470	\$4,300
Total Environment, Safety, and Health	\$1,360	\$1,470	\$4,300
Security Nuclear Safeguards and Security	\$1,549 \$4,040	\$2,436	\$2,450
Security Investigations  Total Security		\$3,820	\$5,139
Office of Legacy Management Worker and Community Transition	\$5,589 \$550	\$6,256 \$0	\$7,589 \$0

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#### State Table

(Dollars In Thousands)

uth Carolina	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Office of Legacy Management	\$550	\$0	\$0
Total Other Defense Activities	\$7,499	\$7,726	\$11,889
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$3,475	\$3,306	\$3,700
Total Nonproliferation and Verification R&D	\$3,475	\$3,306	\$3,700
Nonproliferation and International Security			
Nonproliferation and International Security	\$4,674	\$4,013	\$3,412
Total Nonproliferation and International Security	\$4,674	\$4,013	\$3,412
Nonproliferation Programs with Russia			
International Nuclear Materials Protection & Cooperatio		\$81	\$484
Russian Transition Initiatives	\$1,015	\$1,002	\$1,017
Fissile Materials Disposition	\$53,491	\$69,550	\$79,300
Total Nonproliferation Programs with Russia	\$55,268	\$70,633	\$80,801
Total Defense Nuclear Nonproliferation	\$63,417	\$77,952	\$87,913
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$3,548	\$3,148	\$2,925
Total Office of the Administrator	\$3,548	\$3,148	\$2,925
Total Office of the Administrator	\$3,548	\$3,148	\$2,925
Departmental Administration			
Chief Financial Officer			
Cost of Work for Others	\$17,918	\$18,026	\$19,154
Total Chief Financial Officer	\$17,918	\$18,026	\$19,154
Total Departmental Administration	\$17,918	\$18,026	\$19,154
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$2,009	\$2,028	\$2,224
Total Office of the Inspector General	\$2,009	\$2,028	\$2,224
Total Office of the Inspector General	\$2,009	\$2,028	\$2,224
Southeastern Power Admin Operation & Maint.			
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$244	\$257	\$0
Total Purchase Power and Wheeling	\$244	\$257	\$0
Total Southeastern Power Admin Operation & Maint.	\$244	\$257	\$0
•	•	•	• •

Fossil Energy Research and Development Coal and Other Power Systems

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### State Table

South Carolina	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Central Systems	\$3,000	\$2,750	\$2,500
Total Coal and Other Power Systems	\$3,000	\$2,750	\$2,500
Gas			
Natural Gas Technologies	\$0	\$150	\$0
Total Gas	\$0	\$150	\$0
Total Fossil Energy Research and Development	\$3,000	\$2,900	\$2,500
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$1,748	\$1,775	\$2,608
State Energy Program	\$641	\$629	\$583
Total Weatherization and Intergovernmental Activities	\$2,389	\$2,404	\$3,191
Total Energy Conservation	\$2,389	\$2,404	\$3,191
Defense Site Acceleration Completion			
2006 Accelerated Completions			
2006 Accelerated Completions	\$4,458	\$208	\$0
Total 2006 Accelerated Completions	\$4,458	\$208	\$0
2012 Accelerated Completions			
2012 Accelerated Completions	\$369,452	\$362,273	\$369,636
Total 2012 Accelerated Completions	\$369,452	\$362,273	\$369,636
2035 Accelerated Completions			
2035 Accelerated Completions	\$718,018	\$804,197	\$734,993
Total 2035 Accelerated Completions	\$718,018	\$804,197	\$734,993
Technology Development and Deployment			
Technology Development and Deployment	\$23,876	\$15,555	\$5,413
Total Technology Development and Deployment	\$23,876	\$15,555	\$5,413
Safeguards and Security Safeguards and Security	\$109,700	\$143,359	\$137,288
		-	
Total Safeguards and Security	\$109,700	\$143,359	\$137,288
Total Defense Site Acceleration Completion	\$1,225,504	\$1,325,592	\$1,247,330
Total South Carolina	\$1,681,440	\$1,787,612	\$1,697,555

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# State Table

(Dollars In Thousands)

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outh Dakota	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance			
Systems Operation and Maintenance	\$16,374	\$11,198	\$8,764
Total Systems Operation and Maintenance	\$16,374	\$11,198	\$8,764
Program Direction Program Direction	\$17,129	\$18,908	\$17,285
Total Program Direction	\$17,129	\$18,908	\$17,285
Total Western Area Power Admin. Const.,Rehab.,O&M	\$33,503	\$30,106	\$26,049
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$326	\$375	\$249
Total Equipment, Contracts and Other Related Expenses	\$326	\$375	\$249
Total Colorado River Basins Power Marketing Fund	\$326	\$375	\$249
Fossil Energy Research and Development Gas			
Natural Gas Technologies	\$40	\$0	\$0
Total Gas	\$40	\$0	\$0
Total Fossil Energy Research and Development	\$40	\$0	\$0
Energy Conservation Weatherization and Intergovernmental Activities			
Weatherization Assistance Program State Energy Program	\$1,887 \$313	\$1,916 \$307	\$2,250 \$285
Total Weatherization and Intergovernmental Activities	\$2,200	\$2,223	\$2,535
Total Energy Conservation	\$2,200	\$2,223	\$2,535
otal South Dakota	\$36,069	\$32,704	\$28,833

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#### State Table

(Dollars In Thousands)

nnessee	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Energy Cupply	Соттри трргор	сотри приор	rtoquot
Energy Supply Electric Transmission and Distribution			
Research & Development	\$12,774	\$14,243	\$19,19 <sup>1</sup>
Energy Efficiency and Renewable Energy	Ψ12,774	Ψ14,240	Ψ15,15
Biomass and Biorefinery Systems R&D	\$2,508	\$1,700	\$1,40
Wind Energy	\$162	\$160	\$16
Geothermal Technology	\$10	\$10	\$1
Hydropower	\$1,064	\$971	\$1,16
Hydrogen Technology	\$410	\$1,896	\$1,00
Solar Energy	\$920	\$780	\$75
Intergovernmental Activities	\$600	\$1,100	\$1,10
Total Energy Efficiency and Renewable Energy	\$18,448	\$20,860	\$24,77
Research & Development			
Nuclear Energy Plant Optimization	\$175	\$150	\$
Nuclear Energy Research Initiative	\$1,446	\$697	\$
Nuclear Energy Technologies	\$3,413	\$2,000	\$
Nuclear Hydrogen Initiative	\$0	\$250	\$60
Advanced Fuel Cycle Initiative	\$1,803	\$3,370	\$2,77
Generation IV Nuclear Energy Systems Initiative	\$1,329	\$5,055	\$6,00
Total Research & Development	\$8,166	\$11,522	\$9,37
Environment, Safety and Health			
Environment, Safety and Health	\$500	\$1,450	\$1,45
Total Environment, Safety and Health	\$500	\$1,450	\$1,45
University Reactor Infrastructure and Education Assistance			
University Reactor Infrastructure and Education Assistan	\$25	\$25	\$2
Total University Reactor Infrastructure and Education Assis	\$25	\$25	\$2
Program Direction - NE			
Program Direction - NE	\$1,806	\$1,896	\$1,95
Total Program Direction - NE	\$1,806	\$1,896	\$1,95
Infrastructure			
Radiological Facilities Management	\$33,272	\$25,400	\$33,12
Total Infrastructure	\$33,272	\$25,400	\$33,12
Total Energy Supply	\$62,217	\$61,153	\$70,71
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Uranium Enrichment D&D Fund	\$143,471	\$162,753	\$215,05
Total Uranium Enrichment D&D Fund	\$143,471	\$162,753	\$215,05
Total Uranium Enrichment Decon. & Decom. Fund	\$143,471	\$162,753	\$215,05
Non-Defense Environmental Services	Ψ.10,171	Ψ.32,7.00	Ψ=10,00

Non-Defense Environmental Services Non-Closure Environmental Activities

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### State Table

(Dollars In Thousands)

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ennessee	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Non-Closure Environmental Activities	\$11,084	\$12,260	\$7,987
Total Non-Closure Environmental Activities	\$11,084	\$12,260	\$7,987
Total Non-Defense Environmental Services	\$11,084	\$12,260	\$7,987
Science High Energy Physics High Energy Physics	\$1,527	\$909	\$1,584
Total High Energy Physics	\$1,527	\$909	\$1,584
Nuclear Physics Nuclear Physics	\$20,627	\$21,852	\$22,772
Total Nuclear Physics	\$20,627	\$21,852	\$22,772
Biological and Environmental Research Biological and Environmental Research	\$53,342	\$48,592	\$44,337
Total Biological and Environmental Research	\$53,342	\$48,592	\$44,337
Basic Energy Sciences Basic Energy Sciences	\$369,085	\$279,969	\$237,539
Total Basic Energy Sciences	\$369,085	\$279,969	\$237,539
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$21,831	\$21,238	\$20,787
Total Fusion Energy Sciences Program	\$21,831	\$21,238	\$20,787
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$17,854	\$15,409	\$6,424
Total Science Laboratories Infrastructure	\$17,854	\$15,409	\$6,424
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$37,407	\$21,766	\$23,553
Total Advanced Scientific Computing Research	\$37,407	\$21,766	\$23,553
Program Direction Program Direction	\$44,141	\$48,556	\$50,189
Total Program Direction	\$44,141	\$48,556	\$50,189
Safeguards and Security Safeguards and Security	\$11,241	\$8,208	\$10,713
Total Safeguards and Security	\$11,241	\$8,208	\$10,713
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$1,292	\$1,212	\$1,430
Total Workforce Development for Teachers and Scientists	\$1,292	\$1,212	\$1,430
Total Science	\$578,347	\$467,711	\$419,328
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$197,424	\$220,619	\$239,071

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# State Table

ennessee	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Directed Stockpile Work	\$197,424	\$220,619	\$239,071
Science Campaign Science Campaign	\$7,844	\$7,208	\$7,544
Total Science Campaign	\$7,844	\$7,208	\$7,544
Engineering Campaign Engineering Campaign	\$3,510	\$7,679	\$6,054
Total Engineering Campaign	\$3,510	\$7,679	\$6,054
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$1,106	\$0	\$0
Total Advanced Simulation & Computing Campaign	\$1,106	\$0	\$0
Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign	\$0	\$109	\$0
Total Pit Manufacturing and Certification Campaign	\$0	\$109	\$0
Readiness Campaign Readiness Campaign	\$47,891	\$71,342	\$55,584
Total Readiness Campaign	\$47,891	\$71,342	\$55,584
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$284,713	\$240,575	\$253,939
Total Readiness in Technical Base and Facilities	\$284,713	\$240,575	\$253,939
Nuclear Weapons Incident Response  Nuclear Weapons Incident Response	\$8,526	\$9,895	\$10,512
Total Nuclear Weapons Incident Response	\$8,526	\$9,895	\$10,512
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$61,412	\$63,423	\$75,266
Total Facilities and Infrastructure Recapitalization Program	\$61,412	\$63,423	\$75,266
Safeguards and Security Safeguards and Security	\$77,790	\$82,000	\$99,523
Total Safeguards and Security	\$77,790	\$82,000	\$99,523
Total Weapons Activities	\$690,216	\$702,850	\$747,493
Defense Environmental Services Non-Closure Environmental Activities Non-Closure Environmental Activities	\$64,733	\$58,412	\$56,876
Total Non-Closure Environmental Activities	\$64,733	\$58,412	\$56,876
Community and Regulatory Support Community and Regulatory Support	\$3,934	\$4,474	\$3,970
Total Community and Regulatory Support	\$3,934	\$4,474	\$3,970
Program Direction Program Direction	\$17,517	\$17,295	\$15,033

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FY 2004

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FY 2005

#### State Table

nnessee	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Program Direction	\$17,517	\$17,295	\$15,033
Total Defense Environmental Services	\$86,184	\$80,181	\$75,879
Other Defense Activities Energy Security and Assurance Energy Security	\$630	\$0	\$0
Total Energy Security and Assurance	\$630	\$0	\$0
Environment, Safety, and Health Environment, Safety, and Health	\$8,943	\$9,847	\$13,613
Total Environment, Safety, and Health	\$8,943	\$9,847	\$13,613
Security Nuclear Safeguards and Security Security Investigations	\$7,862 \$2,289	\$7,099 \$3,414	\$5,717 \$3,496
Total Security	\$10,151	\$10,513	\$9,213
Office of Legacy Management Worker and Community Transition	\$80	\$0	\$0
Total Office of Legacy Management	\$80	\$0	\$0
Total Other Defense Activities	\$19,804	\$20,360	\$22,826
Defense Nuclear Nonproliferation  Nonproliferation and Verification R&D  Nonproliferation and Verification R&D	\$7,015	\$6,006	\$5,500
Total Nonproliferation and Verification R&D	\$7,015	\$6,006	\$5,500
Nonproliferation and International Security Nonproliferation and International Security	\$16,565	\$13,966	\$28,986
Total Nonproliferation and International Security	\$16,565	\$13,966	\$28,986
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Russian Transition Initiatives HEU Transparency Implementation Elimination of Weapons -Grade Plutonium Production P Fissile Materials Disposition	\$55,861 \$1,537 \$4,350 \$62 \$69,177	\$38,425 \$1,517 \$3,950 \$100 \$75,100	\$68,374 \$1,540 \$4,300 \$100 \$88,550
Total Nonproliferation Programs with Russia	\$130,987	\$119,092	\$162,864
Total Defense Nuclear Nonproliferation	\$154,567	\$139,064	\$197,350
Office of the Administrator Office of the Administrator Office of the Administrator	\$9,641	\$10,833	\$11,674
Total Office of the Administrator	\$9,641	\$10,833	\$11,674
Total Office of the Administrator	\$9,641	\$10,833	\$11,674

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### State Table

ennessee	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Departmental Administration Chief Financial Officer			
Cost of Work for Others	\$6,535	\$8,037	\$8,037
Total Chief Financial Officer	\$6,535	\$8,037	\$8,037
Chief Information Officer Cyber Security and Secure Communications	\$350	\$350	\$350
Total Chief Information Officer	\$350	\$350	\$350
Total Departmental Administration	\$6,885	\$8,387	\$8,387
Office of the Inspector General Office of the Inspector General	<b>#4.500</b>	<b>#4.000</b>	<b>#F 00</b> 6
Office of the Inspector General	\$4,590	\$4,636	\$5,086
Total Office of the Inspector General	\$4,590	\$4,636	\$5,086
Total Office of the Inspector General	\$4,590	\$4,636	\$5,086
Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling			
Purchase Power and Wheeling	\$2,182	\$2,182	\$0
Total Purchase Power and Wheeling	\$2,182	\$2,182	\$0
Total Southeastern Power Admin Operation & Maint.	\$2,182	\$2,182	\$0
Fossil Energy Research and Development Coal and Other Power Systems			
Central Systems	\$800	\$733	\$323
Fuels	\$0	\$0	\$100
Advanced Research	\$4,973	\$5,874	\$4,480
Total Coal and Other Power Systems	\$5,773	\$6,607	\$4,903
Gas Natural Gas Technologies	\$260	\$510	\$0
Total Gas	\$260	\$510	\$0
Petroleum	•	***	, -
Oil Technology	\$640	\$0	\$0
Total Petroleum	\$640	\$0	\$0
Total Fossil Energy Research and Development	\$6,673	\$7,117	\$4,903
Energy Conservation Industrial Technologies			
Industries of the Future (Specific)	\$4,464	\$3,590	\$1,295
Industries of the Future (Crosscutting)	\$9,091	\$7,926	\$2,845
Total Industrial Technologies	\$13,555	\$11,516	\$4,140
Program Management Program Management	\$1,254	\$1,132	\$1,146

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#### State Table

(Dollars In Thousands)

essee	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Program Management	\$1,254	\$1,132	\$1,146
Federal Energy Management Program Federal Energy Management Program	\$4,068	\$3,170	\$3,170
Total Federal Energy Management Program	\$4,068	\$3,170	\$3,170
Biomass & Biorefinery Systems R&D Utilization of Platform Output R&D Industrial Gasification	\$160 \$794	\$160 \$0	\$160 \$0
Total Biomass & Biorefinery Systems R&D	\$954	\$160	\$160
Fuel Cell Technologies Transportation Systems Fuel Processor R&D Stack Component R&D	\$0 \$2,646 \$720	\$420 \$698 \$1,088	\$420 \$350 \$1,538
Total Fuel Cell Technologies	\$3,366	\$2,206	\$2,308
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program Other State Energy Activities Gateway deployment	\$4,115 \$1,060 \$200 \$3,312	\$4,183 \$1,089 \$140 \$3,823	\$5,731 \$1,073 \$140 \$3,800
Total Weatherization and Intergovernmental Activities	\$8,687	\$9,235	\$10,744
Vehicle Technologies Vehicle Systems Hybrid and Electric Propulsion Advanced Combustion R&D Materials Technology Fuels Technology Technology Introduction	\$878 \$7,732 \$27,654 \$27,979 \$3,787 \$44	\$494 \$9,764 \$26,140 \$28,915 \$4,574 \$90	\$800 \$4,471 \$1,500 \$16,507 \$3,000 \$50
Total Vehicle Technologies	\$68,074	\$69,977	\$26,328
Distributed Energy Resources Distributed Generation Technology Development End-Use Systems Integration and Interface Technical/Program Management Support	\$12,045 \$14,525 \$526	\$12,000 \$14,998 \$524	\$9,046 \$15,798 \$530
Total Distributed Energy Resources	\$27,096	\$27,522	\$25,374
Building Technologies Residential Building Emerging Technologies Equipment Standards and Analysis	\$1,196 \$3,958 \$0	\$1,308 \$3,769 \$75	\$1,196 \$2,645 \$0
Total Building Technologies	\$5,154	\$5,152	\$3,841
otal Energy Conservation	\$132,208	\$130,070	\$77,211

Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal

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State Table (Dollars In Thousands)

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ennessee	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Defense Nuclear Waste Disposal	\$537	\$495	\$0
Total Defense Nuclear Waste Disposal	\$537	\$495	\$0
Total Defense Nuclear Waste Disposal	\$537	\$495	\$0
Defense Site Acceleration Completion 2006 Accelerated Completions 2006 Accelerated Completions	\$97,974	\$123,157	\$111,768
Total 2006 Accelerated Completions	\$97,974	\$123,157	\$111,768
2012 Accelerated Completions 2012 Accelerated Completions	\$55,071	\$66,979	\$67,169
Total 2012 Accelerated Completions	\$55,071	\$66,979	\$67,169
2035 Accelerated Completions 2035 Accelerated Completions	\$70,248	\$54,605	\$48,639
Total 2035 Accelerated Completions	\$70,248	\$54,605	\$48,639
Technology Development and Deployment Technology Development and Deployment	\$7,154	\$0	\$3,500
Total Technology Development and Deployment	\$7,154	\$0	\$3,500
Safeguards and Security Safeguards and Security	\$17,975	\$20,668	\$22,026
Total Safeguards and Security	\$17,975	\$20,668	\$22,026
Total Defense Site Acceleration Completion	\$248,422	\$265,409	\$253,102
Strategic Petroleum Reserve Storage Facilities Operations SPR - Facilities Development	\$350	\$350	\$350
Total Storage Facilities Operations	\$350	\$350	\$350
Total Strategic Petroleum Reserve	\$350	\$350	\$350
otal Tennessee	\$2,157,378	\$2,075,811	\$2,117,336

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### State Table

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exas	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$4,966	\$4,857	\$4,343
Total High Energy Physics	\$4,966	\$4,857	\$4,343
Nuclear Physics Nuclear Physics	\$4,256	\$4,175	\$3,945
Total Nuclear Physics	\$4,256	\$4,175	\$3,945
Biological and Environmental Research Biological and Environmental Research	\$2,936	\$2,616	\$1,496
Total Biological and Environmental Research	\$2,936	\$2,616	\$1,496
Basic Energy Sciences Basic Energy Sciences	\$4,953	\$4,593	\$4,346
Total Basic Energy Sciences	\$4,953	\$4,593	\$4,346
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$4,938	\$4,566	\$4,483
Total Fusion Energy Sciences Program	\$4,938	\$4,566	\$4,483
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$1,821	\$1,400	\$1,904
Total Advanced Scientific Computing Research	\$1,821	\$1,400	\$1,904
Total Science	\$23,870	\$22,207	\$20,517
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$115,479	\$121,592	\$115,418
Total Directed Stockpile Work	\$115,479	\$121,592	\$115,418
Engineering Campaign Engineering Campaign	\$3,269	\$6,606	\$4,054
Total Engineering Campaign	\$3,269	\$6,606	\$4,054
Readiness Campaign Readiness Campaign	\$19,054	\$31,288	\$40,098
Total Readiness Campaign	\$19,054	\$31,288	\$40,098
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$148,699	\$139,056	\$156,084
Total Readiness in Technical Base and Facilities	\$148,699	\$139,056	\$156,084
Nuclear Weapons Incident Response Nuclear Weapons Incident Response	\$1,031	\$1,062	\$1,164
Total Nuclear Weapons Incident Response	\$1,031	\$1,062	\$1,164
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$27,319	\$29,605	\$36,889

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### State Table

exas	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Facilities and Infrastructure Recapitalization Program	\$27,319	\$29,605	\$36,889
Safeguards and Security Safeguards and Security	\$89,084	\$93,000	\$109,822
Total Safeguards and Security	\$89,084	\$93,000	\$109,822
Total Weapons Activities	\$403,935	\$422,209	\$463,529
Other Defense Activities Security			
Nuclear Safeguards and Security	\$25	\$5	\$25
Total Security	\$25	\$5	\$25
Total Other Defense Activities	\$25	\$5	\$25
Defense Nuclear Nonproliferation  Nonproliferation and International Security  Nonproliferation and International Security	\$638	\$635	\$674
Total Nonproliferation and International Security	\$638	\$635	\$674
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Fissile Materials Disposition	\$353 \$8,070	\$0 \$8,275	\$895 \$8,670
Total Nonproliferation Programs with Russia	\$8,423	\$8,275	\$9,565
Total Defense Nuclear Nonproliferation	\$9,061	\$8,910	\$10,239
Office of the Administrator Office of the Administrator Office of the Administrator	\$9,944	\$10,768	\$11,591
Total Office of the Administrator	\$9,944	\$10,768	\$11,591
Total Office of the Administrator	<u> </u>		
Total Office of the Administrator  Falcon & Amistad - Operating & Maintenance Fund  Falcon & Amistad Operating and Maintenance Fund	\$9,944	\$10,768	\$11,591
Falcon & Amistad - Operating and Maintenance	\$2,698	\$2,609	\$2,816
Total Falcon & Amistad Operating and Maintenance Fund	\$2,698	\$2,609	\$2,816
Total Falcon & Amistad - Operating & Maintenance Fund	\$2,698	\$2,609	\$2,816
Fossil Energy Research and Development Coal and Other Power Systems			
Central Systems	\$1,319	\$2,034	\$0
Sequestration R&D	\$2,431	\$1,350	\$150
Fuels Advanced Research	\$156	\$225	\$395
Total Coal and Other Power Systems	\$80	\$0	\$0
Gas	\$3,986	\$3,609	\$545

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### State Table

exas	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Natural Gas Technologies	\$7,826	\$2,077	\$2,197
Total Gas	\$7,826	\$2,077	\$2,197
Petroleum			
Oil Technology	\$1,957	\$1,639	\$1,629
Total Petroleum	\$1,957	\$1,639	\$1,629
Total Fossil Energy Research and Development	\$13,769	\$7,325	\$4,371
Energy Conservation Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$5,486	\$5,577	\$8,470
State Energy Program	\$2,668	\$2,620	\$2,428
Total Weatherization and Intergovernmental Activities	\$8,154	\$8,197	\$10,898
Total Energy Conservation	\$8,154	\$8,197	\$10,898
Defense Site Acceleration Completion 2012 Accelerated Completions			
2012 Accelerated Completions	\$14,991	\$21,133	\$24,521
Total 2012 Accelerated Completions	\$14,991	\$21,133	\$24,521
Total Defense Site Acceleration Completion	\$14,991	\$21,133	\$24,521
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$260	\$260	\$260
Total Energy Information Administration	\$260	\$260	\$260
Total Energy Information Administration	\$260	\$260	\$260
tal Texas	\$486,707	\$503,623	\$548,767

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### State Table

idesignated State	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply			
Energy Efficiency and Renewable Energy	•	••	***
National Climate Change Technology Initiative	\$0 *0	\$0 \$4.040	\$3,000
Renewable Program Support	\$0	\$4,919	\$0
Total Energy Efficiency and Renewable Energy	\$0	\$4,919	\$3,000
Future Liabilities Future Liabilities	\$0	\$0	\$3,000
Total Future Liabilities	•	-	
- Total Fataro Elabilities	\$0	\$0	\$3,000
Total Energy Supply	\$0	\$4,919	\$6,000
Science			
Advanced Scientific Computing Research	Ф700	<b>#</b> 4.400	<b>#4.000</b>
Advanced Scientific Computing Research	\$722	\$1,100	\$1,000
Total Advanced Scientific Computing Research	\$722	\$1,100	\$1,000
Total Science	\$722	\$1,100	\$1,000
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$731	\$10,192	\$51,173
Total Directed Stockpile Work	\$731	\$10,192	\$51,173
Readiness in Technical Base and Facilities			
Readiness in Technical Base and Facilities	\$1,823	\$45,713	\$63,345
Total Readiness in Technical Base and Facilities	\$1,823	\$45,713	\$63,345
Total Weapons Activities	\$2,554	\$55,905	\$114,518
Defense Environmental Services			
Program Direction			
Program Direction	\$0	\$0	\$30,623
Total Program Direction	\$0	\$0	\$30,623
Total Defense Environmental Services	\$0	\$0	\$30,623
Other Defense Activities			
Future Liabilities			
Future Liabilities	\$0	\$0	\$5,000
Total Future Liabilities	\$0	\$0	\$5,000
Total Other Defense Activities	\$0	\$0	\$5,000
Departmental Administration			
Competitive Sourcing Initiative			
Competitive Sourcing Initiative	\$0	\$0	\$5,000
Total Competitive Sourcing Initiative	\$0	\$0	\$5,000
Total Departmental Administration	\$0	\$0	\$5,000
•	**	<b>*</b> -	+ - ,

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### State Table

designated State	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Bonneville Power Administration Fund			
Bonneville Power Administration Bonneville Power Administration	\$1,379,811	\$1,219,468	\$1,309,960
Total Bonneville Power Administration	\$1,379,811	\$1,219,468	\$1,309,960
Total Bonneville Power Administration Fund	\$1,379,811	\$1,219,468	\$1,309,960
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance Systems Operation and Maintenance	\$10,000	\$9,345	\$0
Total Systems Operation and Maintenance	\$10,000	\$9,345	\$0
Total Western Area Power Admin. Const.,Rehab.,O&M	\$10,000	\$9,345	\$0
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$16,243	\$1,688	\$0
Total Equipment, Contracts and Other Related Expenses	\$16,243	\$1,688	\$0 \$0
<u> </u>		·	
Total Colorado River Basins Power Marketing Fund  Fossil Energy Research and Development  Coal and Other Power Systems	\$16,243	\$1,688	\$0
Central Systems	\$9,519	\$12,732	\$11,870
Distributed Generation Systems - Fuel Cells	\$6,046	\$19,265	\$6,950
Sequestration R&D	\$10,551	\$23,037	\$29,737
Fuels	\$8,230	\$12,534	\$11,120
Advanced Research Clean Coal Power Initiative	\$1,393 \$143,626	\$1,378 \$176,982	\$1,310 \$284,580
Total Coal and Other Power Systems	· ·	-	•
Gas	\$179,365	\$245,928	\$345,567
Natural Gas Technologies	\$11,387	\$18,249	\$10,509
Total Gas	\$11,387	\$18,249	\$10,509
Program Direction and Management Support Headquarters Program Direction	\$6,110	\$6,616	\$6,926
Total Program Direction and Management Support	\$6,110	\$6,616	\$6,926
Petroleum Oil Technology	\$26,167	\$22,970	\$9,641
Total Petroleum	\$26,167	\$22,970	\$9,641
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$864	\$915	\$352
Total Fossil Energy Environmental Restoration	\$864	\$915	\$352
Import/Export Authorization Import/Export Authorization	\$2,633	\$2,396	\$1,619

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### State Table

Indesignated State	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Import/Export Authorization	\$2,633	\$2,396	\$1,619
Energy Efficiency Science Initiative Energy Efficiency Science Initiative	\$2,440	\$0	\$0
Total Energy Efficiency Science Initiative	\$2,440	\$0	\$0
Total Fossil Energy Research and Development Energy Conservation Fuel Cell Technologies	\$228,966	\$297,074	\$374,614
Technical/Program Management Support	\$378	\$0	\$0
Total Fuel Cell Technologies	\$378	\$0	\$0
Weatherization and Intergovernmental Activities Weatherization Assistance Program Gateway deployment	\$3,353 \$460	\$3,361 \$460	\$4,460 \$460
Total Weatherization and Intergovernmental Activities	\$3,813	\$3,821	\$4,920
Vehicle Technologies Biennial Freedom Car Peer Review	\$0	\$494	\$0
Total Vehicle Technologies	\$0	\$494	\$0
Building Technologies Oil Heat Research for Residential Buildings	\$0	\$494	\$0
Total Building Technologies	\$0	\$494	\$0
Energy Efficiency Science Initiative Energy Efficiency Science Initiative	\$2,440	\$0	\$0
Total Energy Efficiency Science Initiative	\$2,440	\$0	\$0
Total Energy Conservation	\$6,631	\$4,809	\$4,920
Defense Site Acceleration Completion High Level Waste Legislative Proposal	<b>#</b> 0	ФО.	¢400.550
High Level Waste	\$0	\$0	\$100,558
Total High Level Waste Legislative Proposal	\$0	\$0	\$100,558
Total Defense Site Acceleration Completion	\$0	\$0	\$100,558
otal Undesignated State	\$1,644,927	\$1,594,308	\$1,952,193

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### State Table

(Dollars In Thousands)

ah	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Non-Defense Site Acceleration Completion 2035 Accelerated Completions			
2035 Accelerated Completions	\$3,856	\$4,440	\$7,773
Total 2035 Accelerated Completions	\$3,856	\$4,440	\$7,773
Total Non-Defense Site Acceleration Completion	\$3,856	\$4,440	\$7,773
Science High Energy Physics High Energy Physics	\$59	\$59	\$0
Total High Energy Physics	\$59	\$59	\$0
Biological and Environmental Research Biological and Environmental Research	\$1,321	\$1,103	\$311
Total Biological and Environmental Research	\$1,321	\$1,103	\$311
Basic Energy Sciences Basic Energy Sciences	\$2,755	\$1,904	\$1,833
Total Basic Energy Sciences	\$2,755	\$1,904	\$1,833
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$102	\$102	\$70
Total Fusion Energy Sciences Program	\$102	\$102	\$70
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$434	\$225	\$214
Total Advanced Scientific Computing Research	\$434	\$225	\$214
Total Science	\$4,671	\$3,393	\$2,428
Falcon & Amistad - Operating & Maintenance Fund Falcon & Amistad Operating and Maintenance Fund	0.45	044	<b>4.0</b>
Falcon & Amistad - Operating and Maintenance	\$15	\$14	\$10
Total Falcon & Amistad Operating and Maintenance Fund	\$15	\$14	\$10
Total Falcon & Amistad - Operating & Maintenance Fund	\$15	\$14	\$10
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance	\$6,061	\$6,164	\$1
Total Systems Operation and Maintenance	\$6,061	\$6,164	\$1
Total Western Area Power Admin. Const.,Rehab.,O&M Colorado River Basins Power Marketing Fund	\$6,061	\$6,164	\$1
Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$59,453	\$18,203	\$31,974
Total Equipment, Contracts and Other Related Expenses	\$59,453	\$18,203	\$31,974
Program Direction	, , , ,	,	,-

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### State Table

tah	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Program Direction	\$3,535	\$3,370	\$2,759
Total Program Direction	\$3,535	\$3,370	\$2,759
Total Colorado River Basins Power Marketing Fund	\$62,988	\$21,573	\$34,733
Fossil Energy Research and Development Coal and Other Power Systems			
Central Systems	\$436	\$59	\$0
Sequestration R&D	\$2	\$111	\$0
Advanced Research	\$430	\$0	\$200
Total Coal and Other Power Systems	\$868	\$170	\$200
Gas Natural Gas Technologies	\$1,400	\$1,901	\$317
Total Gas	\$1,400	\$1,901	\$317
Total Fossil Energy Research and Development	\$2,268	\$2,071	\$517
Energy Conservation Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$2,044	\$2,078	\$2,431
State Energy Program	\$451	\$443	\$410
Total Weatherization and Intergovernmental Activities	\$2,495	\$2,521	\$2,841
Total Energy Conservation	\$2,495	\$2,521	\$2,841
otal Utah	\$82,354	\$40,176	\$48,303

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### State Table

ermont	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
Biological and Environmental Research	Ф000	<b>#055</b>	<b>#07</b> 5
Biological and Environmental Research	\$280	\$255	\$275
Total Biological and Environmental Research	\$280	\$255	\$275
Basic Energy Sciences			
Basic Energy Sciences	\$1,288	\$1,058	\$225
Total Basic Energy Sciences	\$1,288	\$1,058	\$225
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$15	\$15	\$15
Total Advanced Scientific Computing Research	\$15	\$15	\$15
Total Science	\$1,583	\$1,328	\$515
Energy Conservation			
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$1,258	\$1,277	\$1,563
State Energy Program	\$309	\$303	\$281
Total Weatherization and Intergovernmental Activities	\$1,567	\$1,580	\$1,844
Total Energy Conservation	\$1,567	\$1,580	\$1,844
otal Vermont	\$3,150	\$2,908	\$2,359

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### State Table

(Dollars In Thousands)

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Virgin Islands	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Conservation Weatherization and Intergovernmental Activities State Energy Program	\$258	\$253	\$235
Total Weatherization and Intergovernmental Activities	\$258	\$253	\$235
Total Energy Conservation	\$258	\$253	\$235
Total Virgin Islands	\$258	\$253	\$235

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# State Table

(Dollars In Thousands)

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ginia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			
High Energy Physics High Energy Physics	\$1,266	\$1,186	\$1,132
Total High Energy Physics	\$1,266	\$1,186	\$1,132
Nuclear Physics Nuclear Physics	\$82,947	\$84,190	\$88,703
Total Nuclear Physics	\$82,947	\$84,190	\$88,703
Biological and Environmental Research Biological and Environmental Research	\$3,460	\$2,175	\$1,763
Total Biological and Environmental Research	\$3,460	\$2,175	\$1,763
Basic Energy Sciences Basic Energy Sciences	\$2,641	\$1,933	\$2,629
Total Basic Energy Sciences	\$2,641	\$1,933	\$2,629
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$1,522	\$1,385	\$1,479
Total Fusion Energy Sciences Program	\$1,522	\$1,385	\$1,479
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$1,481	\$9,019	\$(
Total Science Laboratories Infrastructure	\$1,481	\$9,019	\$(
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$686	\$664	\$866
Total Advanced Scientific Computing Research	\$686	\$664	\$860
Safeguards and Security Safeguards and Security	\$1,132	\$972	\$1,174
Total Safeguards and Security	\$1,132	\$972	\$1,174
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$10	\$261	\$29
Total Workforce Development for Teachers and Scientists	\$10	\$261	\$29
Total Science	\$95,145	\$101,785	\$98,037
Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling			
Purchase Power and Wheeling	\$3,819	\$3,723	\$(
Total Purchase Power and Wheeling	\$3,819	\$3,723	\$0
Total Southeastern Power Admin Operation & Maint.	\$3,819	\$3,723	\$(
Fossil Energy Research and Development Coal and Other Power Systems			
Central Systems Sequestration R&D	\$611 \$1,334	\$619 \$887	\$300 \$887

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### State Table

Virginia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Advanced Research	\$1,705	\$1,626	\$1,555
Total Coal and Other Power Systems	\$3,650	\$3,132	\$2,742
Gas Natural Gas Technologies	\$1,519	\$150	\$0
Total Gas	\$1,519	\$150	\$0
Petroleum Oil Technology	\$7	\$0	\$0
Total Petroleum	\$7	\$0	\$0
Total Fossil Energy Research and Development	\$5,176	\$3,282	\$2,742
Energy Conservation Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program	\$3,953 \$990	\$4,018 \$972	\$5,318 \$901
Total Weatherization and Intergovernmental Activities	\$4,943	\$4,990	\$6,219
Total Energy Conservation	\$4,943	\$4,990	\$6,219
Energy Information Administration Energy Information Administration National Energy Information System	\$925	\$944	\$963
Total Energy Information Administration	\$925	\$944	\$963
Total Energy Information Administration	\$925	\$944	\$963
Total Virginia	\$110,008	\$114,724	\$107,961

# Department Of Energy

# FY 2005 Congressional Budget

### State Table

(Dollars In Thousands)

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ashington	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Reques
Energy Supply	отпри фригр	ээтри фриор	110 400
Electric Transmission and Distribution			
Research & Development	\$1,042	\$2,326	\$7,86
Energy Efficiency and Renewable Energy	¥ ·, • ·=	<b>4</b> -, <b>5</b> - <b>5</b>	ψ.,σσ
Biomass and Biorefinery Systems R&D	\$3,679	\$2,800	\$2,50
Wind Energy	\$352	\$150	\$15
Hydropower	\$1,078	\$875	\$95
Hydrogen Technology	\$100	\$1,148	\$22
Solar Energy	\$50	\$50	\$5
Intergovernmental Activities	\$550	\$650	\$65
Total Energy Efficiency and Renewable Energy	\$6,851	\$7,999	\$12,38
Research & Development			
Nuclear Energy Research Initiative	\$1,314	\$1,121	\$
Advanced Fuel Cycle Initiative	\$106	\$200	\$
Generation IV Nuclear Energy Systems Initiative	\$1,000	\$166	\$
Total Research & Development	\$2,420	\$1,487	\$
Environment, Safety and Health			
Environment, Safety and Health	\$75	\$125	\$12
Total Environment, Safety and Health	\$75	\$125	\$12
Total Energy Supply	\$9,346	\$9,611	\$12,51
Non-Defense Environmental Services			
Environmental Cleanup Projects (FFTF)			
Environmental Cleanup Projetcs (FFTF)	\$35,823	\$43,589	\$46,08
Total Environmental Cleanup Projects (FFTF)	\$35,823	\$43,589	\$46,08
Total Non-Defense Environmental Services	\$35,823	\$43,589	\$46,08
Science	Ψ00,020	ψ 10,000	Ψ10,00
High Energy Physics			
High Energy Physics  High Energy Physics	\$1,334	\$1,285	\$1,17
Total High Energy Physics			
Nuclear Physics	\$1,334	\$1,285	\$1,17
Nuclear Physics	\$6,626	\$6,497	\$6,16
Total Nuclear Physics	\$6,626	\$6,497	\$6,16
Biological and Environmental Research			
Biological and Environmental Research	\$90,432	\$92,630	\$81,77
Total Biological and Environmental Research	\$90,432	\$92,630	\$81,77
Basic Energy Sciences			
Basic Energy Sciences	\$16,488	\$16,589	\$14,56
Total Basic Energy Sciences	\$16,488	\$16,589	\$14,56
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$4,621	\$5,032	\$5,05

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# State Table

(Dollars In Thousands)

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ashington	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Fusion Energy Sciences Program	\$4,621	\$5,032	\$5,050
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$0	-\$1,971	\$0
Total Science Laboratories Infrastructure	\$0	-\$1,971	\$0
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$4,258	\$3,096	\$3,190
Total Advanced Scientific Computing Research	\$4,258	\$3,096	\$3,190
Program Direction Program Direction	\$63	\$0	\$0
Total Program Direction	\$63	\$0	\$0
Safeguards and Security Safeguards and Security	\$10,716	\$10,721	\$11,070
Total Safeguards and Security	\$10,716	\$10,721	\$11,070
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$773	\$838	\$931
Total Workforce Development for Teachers and Scientists	\$773	\$838	\$931
Total Science	\$135,311	\$134,717	\$123,921
Weapons Activities Readiness Campaign Readiness Campaign	\$8,177	\$12,000	\$4,000
Total Readiness Campaign	\$8,177	\$12,000	\$4,000
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$25	\$115	\$0
Total Readiness in Technical Base and Facilities	\$25	\$115	\$0
Nuclear Weapons Incident Response Nuclear Weapons Incident Response	\$691	\$1,154	\$1,796
Total Nuclear Weapons Incident Response	\$691	\$1,154	\$1,796
Total Weapons Activities	\$8,893	\$13,269	\$5,796
Defense Environmental Services Non-Closure Environmental Activities Non-Closure Environmental Activities	\$5,017	\$3,429	\$3,498
Total Non-Closure Environmental Activities	\$5,017	\$3,429	\$3,498
Community and Regulatory Support Community and Regulatory Support	\$15,140	\$11,278	\$13,759
Total Community and Regulatory Support	\$15,140	\$11,278	\$13,759
Program Direction Program Direction	\$65,432	\$63,325	\$58,628

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### State Table

Vashington	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Program Direction	\$65,432	\$63,325	\$58,628
Total Defense Environmental Services	\$85,589	\$78,032	\$75,885
Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health	\$1,491	\$1,546	\$4,018
Total Environment, Safety, and Health	\$1,491	\$1,546	\$4,018
Independent Oversight & Performance Assurance Program Direction	\$250	\$250	\$250
Total Independent Oversight & Performance Assurance	\$250	\$250	\$250
Security Nuclear Safeguards and Security Security Investigations	\$3,327 \$1,933	\$3,703 \$2,302	\$2,333 \$2,425
Total Security	\$5,260	\$6,005	\$4,758
Office of Legacy Management Worker and Community Transition	\$655	\$0	\$0
Total Office of Legacy Management	\$655	\$0	\$0
Total Other Defense Activities	\$7,656	\$7,801	\$9,026
Defense Nuclear Nonproliferation  Nonproliferation and Verification R&D  Nonproliferation and Verification R&D	\$20,229	\$17,944	\$16,400
Total Nonproliferation and Verification R&D	\$20,229	\$17,944	\$16,400
Nonproliferation and International Security Nonproliferation and International Security	\$13,744	\$12,869	\$13,478
Total Nonproliferation and International Security	\$13,744	\$12,869	\$13,478
Nonproliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Russian Transition Initiatives International Nuclear Safety and Cooperation Elimination of Weapons -Grade Plutonium Production P Fissile Materials Disposition	\$49,333 \$6,728 \$28,486 \$371 \$5,423	\$32,647 \$6,705 \$0 \$100 \$2,850	\$29,516 \$6,792 \$0 \$100 \$3,800
Total Nonproliferation Programs with Russia	\$90,341	\$42,302	\$40,208
Total Defense Nuclear Nonproliferation	\$124,314	\$73,115	\$70,086
Departmental Administration Chief Financial Officer Cost of Work for Others	\$4,250	\$2,756	\$3,667
Total Chief Financial Officer	\$4,250	\$2,756	\$3,667
Chief Information Officer Cyber Security and Secure Communications	\$2,150	\$2,850	\$2,000

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#### State Table

Vashington	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Total Chief Information Officer	\$2,150	\$2,850	\$2,000
Total Departmental Administration	\$6,400	\$5,606	\$5,667
Office of the Inspector General Office of the Inspector General	04.704	#4.700	<b>#4.007</b>
Office of the Inspector General	\$1,721	\$1,738	\$1,907
Total Office of the Inspector General	\$1,721	\$1,738	\$1,907
Total Office of the Inspector General	\$1,721	\$1,738	\$1,907
Bonneville Power Administration Fund Bonneville Power Administration Bonneville Power Administration	\$1,074,479	\$1,566,193	\$1,478,459
Total Bonneville Power Administration	\$1,074,479	\$1,566,193	\$1,478,459
Total Bonneville Power Administration Fund	\$1,074,479	\$1,566,193	\$1,478,459
Fossil Energy Research and Development Coal and Other Power Systems Central Systems Distributed Generation Systems - Fuel Cells Advanced Research	\$125 \$9,597 \$590	\$200 \$11,132 \$670	\$0 \$4,500 \$590
Total Coal and Other Power Systems	\$10,312	\$12,002	\$5,090
Gas Natural Gas Technologies	\$818	\$818	\$300
Total Gas	\$818	\$818	\$300
Total Fossil Energy Research and Development	\$11,130	\$12,820	\$5,390
Energy Conservation Industrial Technologies Industries of the Future (Specific) Industries of the Future (Crosscutting)	\$1,043 \$319	\$595 \$656	\$0 \$740
Total Industrial Technologies	\$1,362	\$1,251	\$740
Program Management Program Management	\$3,469	\$3,409	\$3,733
Total Program Management	\$3,469	\$3,409	\$3,733
Federal Energy Management Program Federal Energy Management Program	\$2,708	\$2,419	\$2,419
Total Federal Energy Management Program	\$2,708	\$2,419	\$2,419
Biomass & Biorefinery Systems R&D Utilization of Platform Output R&D Industrial Gasification	\$289 \$471	\$195 \$0	\$195 \$0
Total Biomass & Biorefinery Systems R&D	\$760	\$195	\$195

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#### State Table

ashington	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Fuel Cell Technologies			
Transportation Systems	\$57	\$500	\$0
Distributed Energy Systems	\$400	\$0	\$0
Fuel Processor R&D	\$1,612	\$700	\$1,000
Total Fuel Cell Technologies	\$2,069	\$1,200	\$1,000
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$4,468	\$4,541	\$5,578
State Energy Program	\$831	\$816	\$756
Gateway deployment	\$3,380	\$3,430	\$3,400
Total Weatherization and Intergovernmental Activities	\$8,679	\$8,787	\$9,734
Vehicle Technologies			
Vehicle Systems	\$100	\$504	\$450
Hybrid and Electric Propulsion	\$30	\$0	\$0
Advanced Combustion R&D	\$3,355	\$2,900	\$1,000
Materials Technology	\$3,206	\$2,868	\$5,169
Fuels Technology	\$125	\$75	\$0
Total Vehicle Technologies	\$6,816	\$6,347	\$6,619
Distributed Energy Resources			
End-Use Systems Integration and Interface	\$1,200	\$200	\$200
Total Distributed Energy Resources	\$1,200	\$200	\$200
Building Technologies			
Residential Building	\$901	\$902	\$901
Commercial Building Integration	\$972	\$516	\$972
Emerging Technologies	\$1,155	\$1,759	\$1,155
Equipment Standards and Analysis	\$450	\$210	\$450
Total Building Technologies	\$3,478	\$3,387	\$3,478
Total Energy Conservation	\$30,541	\$27,195	\$28,118
Defense Nuclear Waste Disposal			
Defense Nuclear Waste Disposal			
Defense Nuclear Waste Disposal	\$1,351	\$1,256	\$692
Total Defense Nuclear Waste Disposal	\$1,351	\$1,256	\$692
Total Defense Nuclear Waste Disposal	\$1,351	\$1,256	\$692
Defense Site Acceleration Completion	, ,	, ,	•
2012 Accelerated Completions			
2012 Accelerated Completions	\$1,143,949	\$1,176,047	\$1,214,818
Total 2012 Accelerated Completions	\$1,143,949	\$1,176,047	\$1,214,818
2035 Accelerated Completions	Ψ1,110,010	Ψ1,170,017	Ψ1,211,010
2035 Accelerated Completions	\$691,295	\$725,455	\$734,186
Total 2035 Accelerated Completions	\$691,295	\$725,455	\$734,186
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### State Table

Washington	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Technology Development and Deployment	\$3,897	\$0	\$0
Total Technology Development and Deployment	\$3,897	\$0	\$0
Safeguards and Security Safeguards and Security	\$48,365	\$61,954	\$56,729
Total Safeguards and Security	\$48,365	\$61,954	\$56,729
Total Defense Site Acceleration Completion	\$1,887,506	\$1,963,456	\$2,005,733
Total Washington	\$3,420,060	\$3,938,398	\$3,869,273

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### State Table

(Dollars In Thousands)

est Virginia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Energy Supply	Сошри кригор	Comppp. cp	. toquoot
Energy Efficiency and Renewable Energy			
Biomass and Biorefinery Systems R&D	\$15	\$0	\$0
Hydrogen Technology	\$200	\$400	\$2,200
Total Energy Efficiency and Renewable Energy	\$215	\$400	\$2,200
Total Energy Supply	\$215	\$400	\$2,200
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$1,439	\$114	\$95
Total Basic Energy Sciences	\$1,439	\$114	\$95
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$10	\$10	\$10
Total Fusion Energy Sciences Program	\$10	\$10	\$10
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$112	\$118	\$112
Total Advanced Scientific Computing Research	\$112	\$118	\$112
Total Science	\$1,561	\$242	\$217
Weapons Activities			
Readiness Campaign			
Readiness Campaign	\$1,674	\$0	\$0
Total Readiness Campaign	\$1,674	\$0	\$0
Total Weapons Activities	\$1,674	\$0	\$0
Other Defense Activities			
Energy Security and Assurance			
Energy Security	\$15,644	\$19,883	\$0
Total Energy Security and Assurance	\$15,644	\$19,883	\$0
Total Other Defense Activities	\$15,644	\$19,883	\$0
Fossil Energy Research and Development			
Coal and Other Power Systems			
Central Systems	\$7,545	\$7,142	\$6,078
Distributed Generation Systems - Fuel Cells	\$3,721	\$3,610	\$2,000
Fuels	\$4,199	\$3,664	\$0
Advanced Research	\$10,699	\$14,145	\$12,216
US China Initiative	\$0	\$988	\$0
Total Coal and Other Power Systems	\$26,164	\$29,549	\$20,294
Gas			
Natural Gas Technologies	\$1,150	\$1,050	\$650
Total Gas	\$1,150	\$1,050	\$650

# Department Of Energy

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### State Table

(Dollars In Thousands)

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est Virginia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Program Direction and Management Support Energy Technology Center Program Direction	\$68,452	\$79,196	\$78,851
Total Program Direction and Management Support	\$68,452	\$79,196	\$78,851
Petroleum	<b>400, 10</b>	ψ. σ, .σσ	4. 5,55
Oil Technology	\$2,160	\$1,750	\$750
Total Petroleum	\$2,160	\$1,750	\$750
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$4,282	\$4,494	\$2,224
Total Fossil Energy Environmental Restoration	\$4,282	\$4,494	\$2,224
Plant & Capital Equipment Plant & Capital Equipment	\$6,954	\$6,914	\$0
Total Plant & Capital Equipment	\$6,954	\$6,914	\$0
Total Fossil Energy Research and Development	\$109,162	\$122,953	\$102,769
Energy Conservation Program Management Program Management	\$0	\$894	\$0
Total Program Management	\$0	\$894	\$0
Biomass & Biorefinery Systems R&D Industrial Gasification	\$12,152	\$0	\$0
Total Biomass & Biorefinery Systems R&D	\$12,152	\$0	\$0
Weatherization and Intergovernmental Activities Weatherization Assistance Program State Energy Program Other State Energy Activities Gateway deployment	\$3,161 \$487 \$340 \$340	\$3,213 \$478 \$340 \$340	\$3,948 \$443 \$340 \$340
Total Weatherization and Intergovernmental Activities	\$4,328	\$4,371	\$5,071
Vehicle Technologies Vehicle Systems Innovative Concepts Hybrid and Electric Propulsion Advanced Combustion R&D Materials Technology Fuels Technology Technology Introduction	\$0 \$1,590 \$0 \$2,900 \$120 \$300 \$0	\$2,715 \$494 \$5,100 \$5,475 \$0 \$1,400 \$275	\$3,400 \$500 \$5,000 \$18,000 \$6,000 \$400
Total Vehicle Technologies	\$4,910	\$15,459	\$33,300
Distributed Energy Resources Distributed Generation Technology Development End-Use Systems Integration and Interface	\$1,300 \$300	\$2,100 \$300	\$1,000 \$0
Total Distributed Energy Resources	\$1,600	\$2,400	\$1,000

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### State Table

West Virginia	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Equipment Standards and Analysis	\$600	\$600	\$600
Total Building Technologies	\$600	\$600	\$600
Total Energy Conservation	\$23,590	\$23,724	\$39,971
Defense Site Acceleration Completion Technology Development and Deployment Technology Development and Deployment	\$773	\$345	\$0
Total Technology Development and Deployment	\$773	\$345	\$0
Total Defense Site Acceleration Completion	\$773	\$345	\$0
Total West Virginia	\$152,619	\$167,547	\$145,157

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### State Table

Visconsin	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science	ооттр//другор	Оотр/Арргор	request
High Energy Physics			
High Energy Physics	\$6,543	\$5,361	\$5,263
Total High Energy Physics	\$6,543	\$5,361	\$5,263
Nuclear Physics Nuclear Physics	\$303	\$190	\$100
Total Nuclear Physics	\$303	\$190	\$100
Biological and Environmental Research Biological and Environmental Research	\$1,967	\$1,160	\$850
Total Biological and Environmental Research	\$1,967	\$1,160	\$850
Basic Energy Sciences Basic Energy Sciences	\$3,268	\$3,200	\$2,448
Total Basic Energy Sciences	\$3,268	\$3,200	\$2,448
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$10,649	\$10,607	\$11,063
Total Fusion Energy Sciences Program	\$10,649	\$10,607	\$11,063
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$930	\$770	\$220
Total Advanced Scientific Computing Research	\$930	\$770	\$220
Total Science	\$23,660	\$21,288	\$19,944
Energy Conservation			
Weatherization and Intergovernmental Activities	00.404	<b>40.574</b>	<b>***</b>
Weatherization Assistance Program State Energy Program	\$8,431 \$955	\$8,571 \$938	\$9,943 \$869
	·	· · · · · · · · · · · · · · · · · · ·	•
Total Weatherization and Intergovernmental Activities	\$9,386	\$9,509	\$10,812
Total Energy Conservation	\$9,386	\$9,509	\$10,812
otal Wisconsin	\$33,046	\$30,797	\$30,756

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### State Table

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roming	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
Science			•
Basic Energy Sciences			
Basic Energy Sciences	\$282	\$381	\$149
Total Basic Energy Sciences	\$282	\$381	\$149
Total Science	\$282	\$381	\$149
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance Systems Operation and Maintenance	\$15,988	\$10,215	\$5,401
Total Systems Operation and Maintenance	\$15,988	\$10,215	\$5,401
Program Direction			
Program Direction	\$4,853	\$4,988	\$4,619
Total Program Direction	\$4,853	\$4,988	\$4,619
Total Western Area Power Admin. Const.,Rehab.,O&M	\$20,841	\$15,203	\$10,020
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$76	\$82	\$85
Total Equipment, Contracts and Other Related Expenses	•	•	
- Total Equipment, Contracts and Other Related Expenses	\$76	\$82	\$85
Total Colorado River Basins Power Marketing Fund	\$76	\$82	\$85
Fossil Energy Research and Development			
Gas Natural Gas Technologies	\$369	\$0	\$0
Total Gas	\$369	\$0	\$0 \$0
Fossil Energy Environmental Restoration	φ309	ΦΟ	φυ
Fossil Energy Environmental Restoration	\$1,093	\$898	\$898
Total Fossil Energy Environmental Restoration	\$1,093	\$898	\$898
Cooperative R&D			
Cooperative Research & Development	\$3,965	\$4,178	\$1,480
Total Cooperative R&D	\$3,965	\$4,178	\$1,480
Total Fossil Energy Research and Development	\$5,427	\$5,076	\$2,378
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves	\$8,238	\$9,525	\$10,725
Total Naval Petroleum and Oil Shale Reserves	\$8,238	\$9,525	\$10,725
Total Naval Petroleum and Oil Shale Reserves	\$8,238	\$9,525	\$10,725
Energy Conservation	÷ - ,= <b>&gt; 0</b>	¥-,	, , . <del>_ •</del>
Weatherization and Intergovernmental Activities			
Weatherization Assistance Program	\$1,156	\$1,175	\$1,339

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### State Table

(Dollars In Thousands)

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Wyoming	FY 2003 Comp/Approp	FY 2004 Comp/Approp	FY 2005 Request
State Energy Program	\$307	\$301	\$279
Total Weatherization and Intergovernmental Activities	\$1,463	\$1,476	\$1,618
Total Energy Conservation	\$1,463	\$1,476	\$1,618
Total Wyoming	\$36,327	\$31,743	\$24,975