DOE/CF-0054

# Department of Energy FY 2011 Congressional Budget Request



**State Tables** 

# Department of Energy FY 2011 Congressional Budget Request



## **State Tables**

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, use of prior year balances, deferrals, rescissions, or other adjustments appropriated as offsets to the DOE appropriations by the Congress.

### Department Of Energy

#### FY 2011 Congressional Budget

#### State Table

(Dollars In Thousands)

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Page Number	State Index	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
1	Alabama	\$56,985	\$46,890	\$50,247
2	Alaska	\$3,772	\$2,946	\$2,535
3	All Other (Foreign)	\$850	\$850	\$850
4	American Samoa	\$310	\$267	\$389
5	Arizona	\$133,696	\$134,869	\$139,256
7	Arkansas	\$11,487	\$7,382	\$8,838
8	California	\$2,462,201	\$2,301,630	\$2,363,797
14	Colorado	\$850,700	\$842,986	\$972,593
18	Connecticut	\$26,068	\$43,663	\$41,508
19	Delaware	\$7,070	\$2,820	\$3,025
20	District Of Columbia	\$10,640,046	\$4,100,388	\$5,015,387
30	Florida	\$46,906	\$23,056	\$34,603
32	Georgia	\$92,205	\$95,828	\$94,601
34	Guam	\$317	\$276	\$400
35	Hawaii	\$5,169	\$2,651	\$2,541
36	Idaho	\$1,460,242	\$1,346,734	\$1,306,181
41	Illinois	\$1,229,559	\$1,272,304	\$1,346,030
46	Indiana	\$35,827	\$22,058	\$23,297
47	lowa	\$71,616	\$60,907	\$66,199
49	Kansas	\$12,271	\$4,549	\$5,297
50	Kentucky	\$195,823	\$193,294	\$165,143
52	Louisiana	\$146,851	\$170,742	\$165,297
54	Maine	\$5,988	\$2,664	\$3,876
55	Maryland	\$115,949	\$107,492	\$104,937
57	Massachusetts	\$112,182	\$79,147	\$79,610
58	Michigan	\$65,863	\$41,040	\$36,492
59	Minnesota	\$51,437	\$34,885	\$38,072
61	Mississippi	\$40,992	\$31,810	\$3,691
62	Missouri	\$531,090	\$535,737	\$614,299
65	Montana	\$56,592	\$58,649	\$65,490
67	Nebraska	\$55,447	\$44,067	\$45,451
69	Nevada	\$661,681	\$561,332	\$526,909
73	New Hampshire	\$5,316	\$2,092	\$2,734
74	New Jersey	\$112,559	\$103,629	\$109,417
76	New Mexico	\$4,415,347	\$4,071,989	\$4,590,353
82	New York	\$1,104,380	\$1,185,003	\$1,235,420

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#### State Table

Page Number	State Index	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
86	North Carolina	\$47,480	\$41,342	\$33,049
88	North Dakota	\$153,979	\$126,677	\$121,202
90	Northern Mariana Isl	\$309	\$267	\$389
91	Ohio	\$410,285	\$456,011	\$618,648
94	Oklahoma	\$34,660	\$34,858	\$33,193
96	Oregon	\$19,135	\$10,986	\$10,364
97	Pennsylvania	\$534,957	\$516,134	\$576,099
100	Puerto Rico	\$1,439	\$1,658	\$1,491
101	Rhode Island	\$8,595	\$3,679	\$4,413
102	South Carolina	\$2,260,494	\$2,410,186	\$2,556,592
106	South Dakota	\$42,413	\$42,817	\$46,465
107	Tennessee	\$2,648,784	\$2,559,743	\$2,634,659
113	Texas	\$664,598	\$633,623	\$632,342
117	Undesignated State	\$669,557	\$484,316	\$573,287
119	Utah	\$97,606	\$84,857	\$73,458
121	Vermont	\$3,648	\$1,304	\$1,830
122	Virgin Islands	\$320	\$281	\$412
123	Virginia	\$175,464	\$187,462	\$201,242
125	Washington	\$2,701,244	\$2,855,745	\$2,833,325
130	West Virginia	\$251,958	\$280,734	\$322,349
133	Wisconsin	\$70,737	\$58,975	\$58,688
134	Wyoming	\$27,405	\$30,532	\$28,395
	Total Department of Energy	\$35,649,861	\$28,358,813	\$30,626,657

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FY 2010

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FY 2011

#### State Table

(Dollars In Thousands)

FY 2009

abama	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	ΦE 4E0	¢4 000	<b>የ</b> ጋ ሰርዕ
Weatherization Assistance	\$5,459 \$373	\$1,882 \$372	\$2,968 \$597
State Energy Program Grants			•
Total Energy Efficiency and Renewable Energy	\$5,832	\$2,254	\$3,565
Total Energy Efficiency and Renewable Energy	\$5,832	\$2,254	\$3,565
Science			
High Energy Physics			
High Energy Physics	\$456	\$401	\$467
Total High Energy Physics	\$456	\$401	\$467
Nuclear Physics			
Nuclear Physics	\$245	\$245	\$245
Total Nuclear Physics	\$245	\$245	\$245
Biological and Environmental Research			
Biological and Environmental Research	\$8,507	\$8,449	\$329
Total Biological and Environmental Research	\$8,507	\$8,449	\$329
Basic Energy Sciences			
Basic Energy Sciences	\$2,141	\$365	\$950
Total Basic Energy Sciences	\$2,141	\$365	\$950
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$1,097	\$1,231	\$1,191
Total Fusion Energy Sciences Program	\$1,097	\$1,231	\$1,191
Total Science	\$12,446	\$10,691	\$3,182
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Carbon Sequestration	\$10,000	\$11,000	\$10,500
Innovations for Existing Plants	\$7,791	\$259	\$8,000
Advanced Integrated Gasification Combined Cycle	\$20,685	\$22,500	\$25,000
Total Fuels and Other Power Systems	\$38,476	\$33,759	\$43,500
Natural Gas Technologies			
Natural Gas Technologies	\$231	\$186	\$0
Total Natural Gas Technologies	\$231	\$186	\$0
Total Fossil Energy Research and Development	\$38,707	\$33,945	\$43,500
tal Alabama	\$56,985	\$46,890	\$50,247
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#### State Table

(Dollars In Thousands)

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aska	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$2,554	\$1,330	\$1,943
State Energy Program Grants	\$176	\$175	\$292
Total Energy Efficiency and Renewable Energy	\$2,730	\$1,505	\$2,235
Total Energy Efficiency and Renewable Energy	\$2,730	\$1,505	\$2,235
Science			
Biological and Environmental Research			
Biological and Environmental Research	\$56	\$56	\$114
Total Biological and Environmental Research	\$56	\$56	\$114
Basic Energy Sciences			
Basic Energy Sciences	\$825	\$15	\$15
Total Basic Energy Sciences	\$825	\$15	\$15
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$161	\$171	\$171
Total Fusion Energy Sciences Program	\$161	\$171	\$171
Total Science	\$1,042	\$242	\$300
Fossil Energy Research and Development			
Natural Gas Technologies			
Natural Gas Technologies	\$0	\$1,151	\$0
Total Natural Gas Technologies	\$0	\$1,151	\$0
Unconventional Fossil Energy Technologies			
Unconventional Fossil Energy Technologies	\$0	\$48	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$48	\$0
Total Fossil Energy Research and Development	\$0	\$1,199	\$0
otal Alaska	\$3,772	\$2,946	\$2,535

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#### State Table

All Other (Foreign)	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Fossil Energy Research and Development Fuels and Other Power Systems Advanced Research	\$850	\$850	\$850
Total Fuels and Other Power Systems	\$850	\$850	\$850
Total Fossil Energy Research and Development	\$850	\$850	\$850
Total All Other (Foreign)	\$850	\$850	\$850

State Table (Dollars In Thousands)

\$310

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\$267

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\$389

American Samoa	FY 2009	FY 2010	FY 2011
	Appropriation	Appropriation	Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Grants	\$197	\$155	\$201
	\$113	\$112	\$188
Total Energy Efficiency and Renewable Energy	\$310	\$267	\$389
Total Energy Efficiency and Renewable Energy	\$310	\$267	\$389

Total American Samoa

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#### State Table

zona	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	<b>.</b>	•	
Weatherization Assistance	\$4,079	\$1,058	\$1,866
State Energy Program Grants	\$337	\$335	\$558
Total Energy Efficiency and Renewable Energy	\$4,416	\$1,393	\$2,424
Total Energy Efficiency and Renewable Energy	\$4,416	\$1,393	\$2,424
Science			
High Energy Physics	_		
High Energy Physics	\$1,437	\$1,237	\$1,175
Total High Energy Physics	\$1,437	\$1,237	\$1,175
Nuclear Physics			
Nuclear Physics	\$448	\$448	\$448
Total Nuclear Physics	\$448	\$448	\$448
Biological and Environmental Research			
Biological and Environmental Research	\$2,431	\$408	\$101
Total Biological and Environmental Research	\$2,431	\$408	\$101
Basic Energy Sciences	_		
Basic Energy Sciences	\$2,416	\$2,024	\$2,024
Total Basic Energy Sciences	\$2,416	\$2,024	\$2,024
Total Science	\$6,732	\$4,117	\$3,748
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$23,193	\$19,361	\$34,857
Total Systems Operation and Maintenance	\$23,193	\$19,361	\$34,857
Program Direction	•	•	
Program Direction	\$28,170	\$32,719	\$35,732
Total Program Direction	\$28,170	\$32,719	\$35,732
Total Western Area Power Admin. Const.,Rehab.,O&M	\$51,363	\$52,080	\$70,589
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$64,007	\$69,502	\$54,928
Total Equipment, Contracts and Other Related Expenses	\$64,007	\$69,502	\$54,928
Program Direction			<b>^-</b>
Program Direction	\$6,433	\$6,962	\$7,417
Total Program Direction	\$6,433	\$6,962	\$7,417
Total Colorado River Basins Power Marketing Fund	\$70,440	\$76,464	\$62,345
Fossil Energy Research and Development			

State Table (Dollars In Thousands)

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Arizona	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Fuels and Other Power Systems Carbon Sequestration Fuels	\$0 \$745	\$215 \$600	\$150 \$0
Total Fuels and Other Power Systems	\$745	\$815	\$150
Total Fossil Energy Research and Development	\$745	\$815	\$150
Total Arizona	\$133,696	\$134,869	\$139,256

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#### State Table

(Dollars In Thousands)

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kansas	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Non-Defense Environmental Cleanup Congressionally Directed Projects	<b>#</b> 4.000	0.0	
Congressionally Directed Projects  Total Congressionally Directed Projects	\$1,903	\$0	\$(
Total Congressionally Directed Projects	\$1,903	\$0	\$(
Total Non-Defense Environmental Cleanup	\$1,903	\$0	\$
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Grants	\$4,032 \$301	\$1,622 \$301	\$2,30 \$46
Total Energy Efficiency and Renewable Energy	\$4,333	\$1,923	\$2,76
Total Energy Efficiency and Renewable Energy	\$4,333	\$1,923	\$2,76
Science Biological and Environmental Research Biological and Environmental Research	\$427	\$433	\$23
Total Biological and Environmental Research	\$427	\$433	\$23
Basic Energy Sciences Basic Energy Sciences	\$460	\$1	\$
Total Basic Energy Sciences	\$460	\$1	\$
Total Science	\$887	\$434	\$23
Southwestern Power Admin Operation & Maint. Systems Operation and Maintenance Systems Operation and Maintenance	\$771	\$1,898	\$1,57
Total Systems Operation and Maintenance	\$771	\$1,898	\$1,57
SWPA Construction Construction	\$933	\$401	\$60
Total SWPA Construction	\$933	\$401	\$60
Program Direction Program Direction	\$2,390	\$2,603	\$3,65
Total Program Direction	\$2,390	\$2,603	\$3,65
Total Southwestern Power Admin Operation & Maint.	\$4,094	\$4,902	\$5,83
Fossil Energy Research and Development Natural Gas Technologies	4070	<b>4</b> 400	•
Natural Gas Technologies	\$270	\$123	\$
Total Natural Gas Technologies	\$270	\$123	\$
Total Fossil Energy Research and Development	\$270	\$123	\$
tal Arkansas	\$11,487	\$7,382	\$8,83

### Department Of Energy

#### FY 2011 Congressional Budget

#### State Table

(Dollars In Thousands)

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California	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Non-Defense Environmental Cleanup			
Small Sites Small Sites	\$20,070	\$17,862	\$14,205
Total Small Sites	\$20,070	\$17,862	\$14,205
Total Non-Defense Environmental Cleanup	\$20,070	\$17,862	\$14,205
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability			
Research and Development	\$11,448	\$15,301	\$21,390
Permitting Siting and Analysis	\$3,490	\$4,243	\$4,338
Congressionally Directed Projects	\$1,427	\$0	\$0
Total Electricity Delivery and Energy Reliability	\$16,365	\$19,544	\$25,728
Total Electricity Delivery and Energy Reliability	\$16,365	\$19,544	\$25,728
Nuclear Energy			
Generation IV Nuclear Energy Systems	<b>^</b> -	<b>.</b>	•
Generation IV Nuclear Energy Systems	\$0	\$400	\$0
Total Generation IV Nuclear Energy Systems	\$0	\$400	\$0
Fuel Cycle R & D Fuel Cycle R & D	\$3,765	\$4,590	\$5,895
Total Fuel Cycle R & D	\$3,765	\$4,590	\$5,895
Nuclear Energy Enabling Technologies	ψ5,7 05	ψ+,550	ψ0,000
Nuclear Energy Enabling Technologies	\$0	\$0	\$450
Total Nuclear Energy Enabling Technologies	\$0	\$0	\$450
Reactors Concepts RD&D		_	
Reactors Concepts RD&D	\$0	\$0	\$220
Total Reactors Concepts RD&D	\$0	\$0	\$220
Total Nuclear Energy	\$3,765	\$4,990	\$6,565
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$1,467	\$1,789	\$1,510
Geothermal Technology	\$2,000	\$1,000	\$5,000
Hydrogen Technology	\$6,268	\$5,587	\$0
Solar Energy	\$150	\$400	\$400
Vehicle Technologies	\$16,301	\$18,597	\$20,000
Building Technologies	\$11,945	\$19,980 \$2,300	\$15,718
Industrial Technologies	\$1,625 \$2,200	\$2,390 \$3,597	\$2,390 \$3,777
Federal Energy Management Program Progam Support	\$2,200 \$40	\$1,265	\$3,777 \$3,525
Weatherization Assistance	\$14,161	\$4,918	\$3,525 \$7,609
State Energy Program Grants	\$1,969	\$2,064	\$3,205
Hydrogen & Fuel Cell Technologies	\$0	\$0	\$4,600
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State Table

(Dollars In Thousands)

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alifornia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Energy Efficiency and Renewable Energy	\$58,126	\$61,587	\$67,734
Total Energy Efficiency and Renewable Energy	\$58,126	\$61,587	\$67,734
Science			
High Energy Physics	<b>*</b>	<b>*</b> · · · · ·	<b>.</b>
High Energy Physics	\$191,652	\$167,775	\$160,123
Total High Energy Physics	\$191,652	\$167,775	\$160,123
Nuclear Physics Nuclear Physics	\$32,822	\$31,088	\$25,504
Total Nuclear Physics	\$32,822	\$31,088	\$25,504
Biological and Environmental Research Biological and Environmental Research	\$177,751	\$156,096	\$148,617
Total Biological and Environmental Research	\$177,751	\$156,096	\$148,617
Basic Energy Sciences Basic Energy Sciences	\$440,527	\$359,144	\$352,022
Total Basic Energy Sciences	\$440,527	\$359,144	\$352,022
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$90,682	\$88,671	\$92,065
Total Fusion Energy Sciences Program	\$90,682	\$88,671	\$92,065
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$29,956	\$40,927	\$53,203
Total Science Laboratories Infrastructure	\$29,956	\$40,927	\$53,203
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$124,148	\$114,567	\$104,032
Total Advanced Scientific Computing Research	\$124,148	\$114,567	\$104,032
Program Direction Program Direction	\$6,633	\$7,210	\$7,415
Total Program Direction	\$6,633	\$7,210	\$7,415
Safeguards and Security	ψ0,000	Ψ1,210	Ψ1,+10
Safeguards and Security	\$8,208	\$7,702	\$7,917
Total Safeguards and Security	\$8,208	\$7,702	\$7,917
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$1,288	\$724	\$1,856
Total Workforce Development for Teachers and Scientists	\$1,288	\$724	\$1,856
Congressionally Directed Projects Congressionally Directed Projects	\$5,641	\$0	\$0
Total Congressionally Directed Projects	\$5,641	\$0	\$0
Total Science	\$1,109,308	\$973,904	\$952,754

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#### State Table

(Dollars In Thousands)

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ornia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Veapons Activities Directed Stockpile Work			
Directed Stockpile Work	\$100,340	\$92,484	\$110,889
Total Directed Stockpile Work	\$100,340	\$92,484	\$110,889
Science Campaign Science Campaign	\$92,408	\$92,696	\$107,552
Total Science Campaign	\$92,408	\$92,696	\$107,552
Site Stewardship Site Stewardship	\$0	\$34,112	\$38,475
Total Site Stewardship	\$0	\$34,112	\$38,475
Engineering Campaign Engineering Campaign	\$23,403	\$24,013	\$22,900
Total Engineering Campaign	\$23,403	\$24,013	\$22,900
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$299,922	\$313,561	\$318,747
Total Inertial Confinement Fusion and High Yield Campaig	\$299,922	\$313,561	\$318,747
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$220,630	\$199,511	\$213,140
Total Advanced Simulation & Computing Campaign	\$220,630	\$199,511	\$213,140
Defense Nuclear Security Defense Nuclear Security	\$91,031	\$95,477	\$94,000
Total Defense Nuclear Security	\$91,031	\$95,477	\$94,000
Cyber Security Cyber Security	\$17,756	\$18,356	\$19,856
Total Cyber Security	\$17,756	\$18,356	\$19,856
Readiness Campaign Readiness Campaign	\$8,423	\$3,494	\$4,88
Total Readiness Campaign	\$8,423	\$3,494	\$4,88
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$88,634	\$90,303	\$80,269
Total Readiness in Technical Base and Facilities	\$88,634	\$90,303	\$80,269
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$40,381	\$40,236	\$45,555
Total Nuclear Couterterrorism Incident Response	\$40,381	\$40,236	\$45,55
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$15,915	\$10,770	\$9,38
Total Facilities and Infrastructure Recapitalization Program	\$15,915	\$10,770	\$9,38
Environmental Projects and Operations Program Environmental Projects and Operations Program	\$21,446	\$0	\$0

State Table

(Dollars In Thousands)

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\$0 \$0 \$0	\$0
· ·	
\$0	\$0
+-	\$0
\$0	\$7,925
\$0	\$7,925
15,013	\$1,073,570
\$3,511	\$3,050
\$3,511	\$3,050
\$3,511	\$3,050
43,554	\$42,033
43,554	\$42,033
28,976	\$25,001
28,976	\$25,001
13,724	\$31,287
13,724	\$31,287
\$3,895	\$15,940
\$3,895	\$15,940
90,149	\$114,261
18,914	\$19,759
18,914	\$19,759
18,914	\$19,759
	•
\$0	\$0
	28,976 28,976 13,724 13,724 13,724 \$3,895 \$3,895 90,149 18,914 18,914

State Table

(Dollars In Thousands)

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alifornia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Departmental Administration	\$7,200	\$0	\$0
Office of the Inspector General			
Office of the Inspector General	¢2 442	<b>\$2,627</b>	¢2 267
Office of the Inspector General  Total Office of the Inspector General	\$2,442	\$2,637	\$2,367
Total Office of the Inspector General	\$2,442	\$2,637	\$2,367
Total Office of the Inspector General	\$2,442	\$2,637	\$2,367
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance Systems Operation and Maintenance	\$19,430	\$22,046	\$23,731
Total Systems Operation and Maintenance	\$19,430	\$22,046	\$23,731
Program Direction	<b>¥</b> 10,100	<b>+</b> ,• · · ·	<del></del>
Program Direction	\$28,018	\$32,221	\$34,892
Total Program Direction	\$28,018	\$32,221	\$34,892
Total Western Area Power Admin. Const.,Rehab.,O&M	\$47,448	\$54,267	\$58,623
Fossil Energy Research and Development			
Fuels and Other Power Systems	<b>#40.400</b>	<b>#44.047</b>	<b>#40 400</b>
Carbon Sequestration Fuels	\$13,103 \$622	\$11,047 \$0	\$16,486 \$0
Advanced Research	\$1,036	\$533	\$924
Innovations for Existing Plants	\$1,201	\$2,891	\$598
Advanced Integrated Gasification Combined Cycle	\$2,264	\$3,500	\$0
Advanced Turbines	\$600	\$1,700	\$800
Total Fuels and Other Power Systems	\$18,826	\$19,671	\$18,808
Natural Gas Technologies			
Natural Gas Technologies	\$8,424	\$8,564	\$0
Total Natural Gas Technologies	\$8,424	\$8,564	\$0
Petroleum - Oil Technologies Oil Technology	\$439	\$0	\$0
Total Petroleum - Oil Technologies		•	
Unconventional Fossil Energy Technologies	\$439	\$0	\$0
Unconventional Fossil Energy Technologies	\$0	\$4,779	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$4,779	\$0
Total Fossil Energy Research and Development	\$27,689	\$33,014	\$18,808
Naval Petroleum and Oil Shale Reserves			
Naval Petroleum and Oil Shale Reserves			
Productions Operations	\$1,000	\$4,000	\$4,000
Management	\$2,500	\$1,090	\$1,500
Total Naval Petroleum and Oil Shale Reserves	\$3,500	\$5,090	\$5,500

State Table (Dollars In Thousands)

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California	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Naval Petroleum and Oil Shale Reserves	\$3,500	\$5,090	\$5,500
Defense Environmental Cleanup NNSA Sites NNSA Sites	\$688	\$1,148	\$873
Total NNSA Sites	\$688	\$1,148	\$873
Total Defense Environmental Cleanup	\$688	\$1,148	\$873
Total California	\$2,462,201	\$2,301,630	\$2,363,797

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#### FY 2011 Congressional Budget

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Colorado	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability			_
Research and Development	\$3,260	\$2,208	\$2,500
Permitting Siting and Analysis	\$520	\$309	\$0
Total Electricity Delivery and Energy Reliability	\$3,780	\$2,517	\$2,500
Total Electricity Delivery and Energy Reliability	\$3,780	\$2,517	\$2,500
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy		<b>.</b>	
Biomass and Biorefinery Systems R&D	\$40,624	\$40,360	\$40,360
Wind Energy	\$38,780	\$44,123	\$81,229
Facilities and Infrastructure	\$76,000	\$19,000	\$57,500
Program Direction	\$26,544	\$29,073	\$54,412
Geothermal Technology	\$32,000	\$25,000	\$24,000
Hydrogen Technology	\$16,313	\$18,522	\$0
Water Power	\$37,207	\$41,834	\$31,397
Solar Energy	\$138,841	\$200,467	\$252,355
Vehicle Technologies	\$27,965	\$19,970	\$16,000
Building Technologies	\$10,858	\$18,161	\$26,783
Industrial Technologies	\$800	\$475	\$430
Federal Energy Management Program	\$3,300	\$6,993	\$7,100
Progam Support	\$10,333	\$14,765	\$30,610
Weatherization Assistance	\$10,122	\$4,308	\$6,849
State Energy Program Grants	\$1,391	\$1,891	\$2,516
International Renewable Energy Program	\$3,000	\$0	\$0
Tribal Energy Activities	\$5,430	\$8,800	\$8,800
Renewable Energy Production Incentive	\$4,500	\$0	\$0
Hydrogen & Fuel Cell Technologies	\$0	\$0	\$13,400
Total Energy Efficiency and Renewable Energy	\$484,008	\$493,742	\$653,741
Total Energy Efficiency and Renewable Energy	\$484,008	\$493,742	\$653,741
Science			
High Energy Physics			
High Energy Physics	\$3,143	\$2,899	\$2,898
Total High Energy Physics	\$3,143	\$2,899	\$2,898
Nuclear Physics			
Nuclear Physics	\$988	\$905	\$905
Total Nuclear Physics	\$988	\$905	\$905
Biological and Environmental Research	<b>#40.700</b>	<b>CO 074</b>	<b>ФГ 777</b>
Biological and Environmental Research	\$10,738	\$8,274	\$5,777
Total Biological and Environmental Research	\$10,738	\$8,274	\$5,777
Basic Energy Sciences  Basic Energy Sciences	\$16,681	\$10,129	\$10,129
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#### State Table

lorado	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Basic Energy Sciences	\$16,681	\$10,129	\$10,129
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$2,219	\$2,470	\$2,222
Total Fusion Energy Sciences Program	\$2,219	\$2,470	\$2,222
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$2,344	\$2,068	\$1,010
Total Advanced Scientific Computing Research	\$2,344	\$2,068	\$1,010
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$919	\$231	\$822
Total Workforce Development for Teachers and Scientists	\$919	\$231	\$822
Congressionally Directed Projects Congressionally Directed Projects	\$2,312	\$0	\$0
Total Congressionally Directed Projects	\$2,312	\$0	\$0
Total Science	\$39,344	\$26,976	\$23,763
Other Defense Activities Office of Legacy Management Legacy Management	\$127,467	\$121,511	\$99,794
Total Office of Legacy Management	\$127,467	\$121,511	\$99,794
Total Other Defense Activities	\$127,467	\$121,511	\$99,794
Departmental Administration Cost of Work for Others		фоор	<b>#</b> 000
Cost of Work for Others	\$200	\$200	\$200
Total Cost of Work for Others	\$200	\$200	\$200
Total Departmental Administration Office of the Inspector General	\$200	\$200	\$200
Office of the Inspector General Office of the Inspector General	\$1,065	\$1,863	\$1,532
Total Office of the Inspector General	\$1,065	\$1,863	\$1,532
Total Office of the Inspector General	\$1,065	\$1,863	\$1,532
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance	\$62,834	\$52,907	\$51,467
Total Systems Operation and Maintenance	\$62,834	\$52,907	\$51,467
Program Direction Program Direction	\$51,004	\$59,250	\$64,713
Total Program Direction	\$51,004	\$59,250	\$64,713

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#### State Table

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olorado	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Western Area Power Admin. Const.,Rehab.,O&M	\$113,838	\$112,157	\$116,180
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$43,953	\$46,248	\$38,091
Total Equipment, Contracts and Other Related Expenses	\$43,953	\$46,248	\$38,091
Program Direction Program Direction	\$23,149	\$25,098	\$26,931
Total Program Direction	\$23,149	\$25,098	\$26,931
Total Colorado River Basins Power Marketing Fund	\$67,102	\$71,346	\$65,022
Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration Fuels Advanced Research Innovations for Existing Plants Advanced Integrated Gasification Combined Cycle	\$300 \$1,324 \$853 \$677 \$500	\$400 \$1,000 \$400 \$1,233 \$2,000	\$400 \$0 \$0 \$271 \$2,615
Total Fuels and Other Power Systems	\$3,654	\$5,033	\$3,286
Natural Gas Technologies Natural Gas Technologies	\$200	\$0	\$0
Total Natural Gas Technologies	\$200	\$0	\$0
Petroleum - Oil Technologies Oil Technology	\$521	\$0	\$0
Total Petroleum - Oil Technologies	\$521	\$0	\$0
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$966	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$966	\$0
Total Fossil Energy Research and Development	\$4,375	\$5,999	\$3,286
Defense Environmental Cleanup Closure Sites Rocky Flats	\$9,302	\$6,375	\$6,375
Total Closure Sites	\$9,302	\$6,375	\$6,375
Total Defense Environmental Cleanup	\$9,302	\$6,375	\$6,375
Energy Information Administration Energy Information Administration		, ,	
National Energy Information System	\$219	\$300	\$200
Total Energy Information Administration	\$219	\$300	\$200
Total Energy Information Administration	\$219	\$300	\$200

State Table (Dollars In Thousands)

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Colorado	FY 2009	FY 2010	FY 2011
	Appropriation	Appropriation	Request
Total Colorado	\$850,700	\$842,986	\$972,593

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#### State Table

nnecticut	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$5,315	\$1,972	\$3,070
State Energy Program Grants	\$389	\$391	\$549
Total Energy Efficiency and Renewable Energy	\$5,704	\$2,363	\$3,619
Total Energy Efficiency and Renewable Energy	\$5,704	\$2,363	\$3,619
Science			
High Energy Physics			
High Energy Physics	\$3,332	\$3,176	\$3,525
Total High Energy Physics	\$3,332	\$3,176	\$3,525
Nuclear Physics			
Nuclear Physics	\$4,611	\$4,111	\$4,111
Total Nuclear Physics	\$4,611	\$4,111	\$4,111
Biological and Environmental Research			
Biological and Environmental Research	\$131	\$552	\$265
Total Biological and Environmental Research	\$131	\$552	\$265
Basic Energy Sciences			
Basic Energy Sciences	\$3,125	\$2,445	\$2,445
Total Basic Energy Sciences	\$3,125	\$2,445	\$2,445
Total Science	\$11,199	\$10,284	\$10,346
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Fuel Cells	\$0	\$21,000	\$21,813
Fuels	\$1,024	\$0	\$0
Advanced Research	\$559	\$0	\$0
Innovations for Existing Plants	\$3,084	\$5,428	\$305
Total Fuels and Other Power Systems	\$4,667	\$26,428	\$22,118
Total Fossil Energy Research and Development	\$4,667	\$26,428	\$22,118
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$4,498	\$4,588	\$5,425
Total Northeast Home Heating Oil Reserve	\$4,498	\$4,588	\$5,425
Total Northeast Home Heating Oil Reserve Account	\$4,498	\$4,588	\$5,425
tal Connecticut	\$26,068	\$43,663	\$41,508

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#### State Table

Pelaware	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance State Energy Program Grants	\$1,183 \$161	\$460 \$160	\$698 \$259
Total Energy Efficiency and Renewable Energy	\$1,344	\$620	\$957
Total Energy Efficiency and Renewable Energy Science High Energy Physics	\$1,344	\$620	\$957
High Energy Physics	\$686	\$509	\$496
Total High Energy Physics	\$686	\$509	\$496
Biological and Environmental Research Biological and Environmental Research	\$200	\$0	\$0
Total Biological and Environmental Research	\$200	\$0	\$0
Basic Energy Sciences Basic Energy Sciences	\$3,947	\$1,573	\$1,572
Total Basic Energy Sciences	\$3,947	\$1,573	\$1,572
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$640	\$0	\$0
Total Advanced Scientific Computing Research	\$640	\$0	\$0
Total Science	\$5,473	\$2,082	\$2,068
Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration	\$233	\$0	\$0
Total Fuels and Other Power Systems	\$233	\$0	\$0
Natural Gas Technologies Natural Gas Technologies	\$20	\$118	\$0
Total Natural Gas Technologies	\$20	\$118	\$0
Total Fossil Energy Research and Development	\$253	\$118	\$0
otal Delaware	\$7,070	\$2,820	\$3,025

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#### State Table

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strict Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Section 1705 Temporary Loan Guarantee Program Section 1705 Temporary Loan Guarantee Program			
Administrative Operations	\$0	\$17,000	\$20,000
Total Section 1705 Temporary Loan Guarantee Program	\$0	\$17,000	\$20,000
Total Section 1705 Temporary Loan Guarantee Program	\$0	\$17,000	\$20,000
Innovative Tech Loan Guarantee Prog Administrative Operations	• • • • • • • • • • • • • • • • • • • •		•
Administrative Operations	\$19,880	\$26,000	\$38,000
Total Administrative Operations	\$19,880	\$26,000	\$38,000
Cost of Loan Guarantees Cost of Loan Guarantees	\$0	\$0	\$500,000
Total Cost of Loan Guarantees	\$0	\$0	\$500,000
Total Innovative Tech Loan Guarantee Prog	\$19,880	\$26,000	\$538,000
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability			
Research and Development	\$665	\$7,594	\$5,47
Program Direction	\$16,154	\$15,361	\$20,27
Permitting Siting and Analysis	\$145	\$556	\$71
Infrastructure Security & Energy Restoration	\$1,329	\$3,593	\$59
Total Electricity Delivery and Energy Reliability	\$18,293	\$27,104	\$27,052
Total Electricity Delivery and Energy Reliability	\$18,293	\$27,104	\$27,052
Nuclear Energy			
Nuclear Power 2010	Ф000	<b>#07.700</b>	•
Nuclear Power 2010	\$606	\$27,720	\$(
Total Nuclear Power 2010	\$606	\$27,720	\$0
Generation IV Nuclear Energy Systems Generation IV Nuclear Energy Systems	\$2,602	\$20,765	\$0
Total Generation IV Nuclear Energy Systems	\$2,602	\$20,765	\$(
Fuel Cycle R & D Fuel Cycle R & D	\$5,640	\$10,330	\$5,47
Total Fuel Cycle R & D	\$5,640	\$10,330	\$5,47
Radiological Facilities Management Radiological Facilities Management	\$2,938	\$3,170	\$19,970
Total Radiological Facilities Management			
Idaho Facilities Management	\$2,938	\$3,170	\$19,970
Idaho Facilities Management	\$980	\$3,002	\$2,40
Total Idaho Facilities Management	\$980	\$3,002	\$2,400
Nuclear Hydrogen Initiative	+-3-	,	Ţ,,,

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#### State Table

strict Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Nuclear Hydrogen Initiative	\$60	\$0	\$0
Total Nuclear Hydrogen Initiative	\$60	\$0	\$0
Transfer from State Department Transfer from State Department	\$60	\$0	\$0
Total Transfer from State Department	\$60	\$0	\$0
Program Direction-NE Program Direction-NE	\$36,135	\$34,547	\$50,885
Total Program Direction-NE	\$36,135	\$34,547	\$50,885
Nuclear Energy Enabling Technologies  Nuclear Energy Enabling Technologies	\$0	\$0	\$28,591
Total Nuclear Energy Enabling Technologies	\$0	\$0	\$28,591
Reactors Concepts RD&D Reactors Concepts RD&D	\$0	\$0	\$18,831
Total Reactors Concepts RD&D	\$0	\$0	\$18,831
International Nuclear Energy Cooperation International Nuclear Energy Cooperation	\$0	\$0	\$800
Total International Nuclear Energy Cooperation	\$0	\$0	\$800
Total Nuclear Energy	\$49,021	\$99,534	\$126,952
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D Wind Energy Program Direction Geothermal Technology Hydrogen Technology Solar Energy Building Technologies Industrial Technologies Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants International Renewable Energy Program Tribal Energy Activities Renewable Energy Production Incentive Congressionally Directed Projects RE-ENERGYSE (Regaining our Energy Science & Eng	\$145,604 \$2,523 \$86,845 \$6,472 \$87,447 \$10,769 \$88,469 \$56,683 \$7,700 \$5,411 \$19,927 \$15,755 \$2,000 \$570 \$500 \$228,803	\$148,577 \$17,830 \$95,393 \$15,550 \$96,071 \$16,891 \$138,962 \$70,789 \$10,848 \$19,641 \$33,219 \$22,728 \$0 \$800 \$0 \$292,135	\$148,577 \$25,737 \$117,035 \$0 \$0 \$20,380 \$162,263 \$77,850 \$15,850 \$36,212 \$37,227 \$34,120 \$0 \$800 \$0 \$0
Total Energy Efficiency and Renewable Energy	\$765,478	\$979,434	\$726,051
Total Energy Efficiency and Renewable Energy Advanced Researched Projects Agency-Energy	\$765,478	\$979,434	\$726,051

State Table

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trict Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Science Advanced Researched Projects Agency-Energy	\$6,300	\$0	\$
Total Science	\$6,300	\$0	\$(
Energy Transformation Acceleration Fund Advanced Research Projects Agency-Energy Program Direction	\$0 \$8,700	\$0 \$0	\$273,40 \$26,56
Total Energy Transformation Acceleration Fund	\$8,700	\$0	\$299,960
Total Advanced Researched Projects Agency-Energy	\$15,000	\$0	\$299,966
Advance Technology Vehicles Man Loan Program Energy Transformation Acceleration Fund Direct Loan Subsidy Costs Administrative Expenses  Total Energy Transformation Acceleration Fund	\$7,500,000 \$10,000	\$0 \$20,000	\$9,996 \$9,996
	\$7,510,000	\$20,000	\$9,998
Total Advance Technology Vehicles Man Loan Program Uranium Enrichment Decon. & Decom. Fund Uranium Enrichment D&D Fund	\$7,510,000	\$20,000	\$9,998
Uranium Enrichment D&D Fund	\$10,000	\$0	\$(
Total Uranium Enrichment D&D Fund	\$10,000	\$0	\$0
Total Uranium Enrichment Decon. & Decom. Fund Science	\$10,000	\$0	\$0
High Energy Physics High Energy Physics	\$1,991	\$71,301	\$92,556
Total High Energy Physics	\$1,991	\$71,301	\$92,556
Nuclear Physics Nuclear Physics	\$27,397	\$69,442	\$59,482
Total Nuclear Physics	\$27,397	\$69,442	\$59,482
Biological and Environmental Research Biological and Environmental Research	\$6,274	\$55,076	\$95,60 <sup>-</sup>
Total Biological and Environmental Research	\$6,274	\$55,076	\$95,60°
Basic Energy Sciences Basic Energy Sciences	\$6,485	\$164,481	\$300,478
Total Basic Energy Sciences	\$6,485	\$164,481	\$300,478
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$310	\$20,970	\$23,379
Total Fusion Energy Sciences Program	\$310	\$20,970	\$23,379
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$629	\$1,385	\$1,385
Total Science Laboratories Infrastructure	\$629	\$1,385	\$1,385

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#### State Table

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ict Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$1,009	\$62,469	\$106,439
Total Advanced Scientific Computing Research	\$1,009	\$62,469	\$106,439
Program Direction Program Direction	\$67,788	\$75,261	\$87,236
Total Program Direction	\$67,788	\$75,261	\$87,236
Safeguards and Security Safeguards and Security	\$908	\$5,412	\$6,753
Total Safeguards and Security	\$908	\$5,412	\$6,753
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$182	\$13,466	\$1,100
Total Workforce Development for Teachers and Scientists	\$182	\$13,466	\$1,100
Congressionally Directed Projects Congressionally Directed Projects	\$3,376	\$2,153	\$0
Total Congressionally Directed Projects	\$3,376	\$2,153	\$0
otal Science	\$116,349	\$541,416	\$774,409
eapons Activities Directed Stockpile Work Directed Stockpile Work	\$4,557	\$10,115	\$52,710
Total Directed Stockpile Work	\$4,557	\$10,115	\$52,710
Science Campaign Science Campaign	\$4,098	\$8,801	\$60,654
Total Science Campaign	\$4,098	\$8,801	\$60,654
Site Stewardship Site Stewardship	\$0	\$0	\$4,781
Total Site Stewardship	\$0	\$0	\$4,781
Engineering Campaign Engineering Campaign	\$1,592	\$5,528	\$5,884
Total Engineering Campaign	\$1,592	\$5,528	\$5,884
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$8,261	\$8,843	\$35,324
Total Inertial Confinement Fusion and High Yield Campaig	\$8,261	\$8,843	\$35,324
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$4,363	\$6,670	\$66,432
Total Advanced Simulation & Computing Campaign	\$4,363	\$6,670	\$66,432
Defense Nuclear Security Defense Nuclear Security	\$27,045	\$44,544	\$20,084
Total Defense Nuclear Security	\$27,045	\$44,544	\$20,084

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rict Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Cyber Security Cyber Security	\$33,815	\$33,059	\$29,393
Total Cyber Security	\$33,815	\$33,059	\$29,393
Readiness Campaign Readiness Campaign	\$2,091	\$8,526	\$4,407
Total Readiness Campaign	\$2,091	\$8,526	\$4,407
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$5,539	\$110,205	\$71,524
Total Readiness in Technical Base and Facilities	\$5,539	\$110,205	\$71,524
Secure Transportation Asset Secure Transportation Asset	\$2,434	\$0	\$0
Total Secure Transportation Asset	\$2,434	\$0	\$0
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$5,746	\$4,982	\$1,354
Total Nuclear Couterterrorism Incident Response	\$5,746	\$4,982	\$1,354
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$766	\$643	\$6,109
Total Facilities and Infrastructure Recapitalization Program	\$766	\$643	\$6,109
Total Weapons Activities	\$100,307	\$241,916	\$358,656
Other Defense Activities  Congressionally Directed Projects  Congressionally Directed Projects	\$999	\$2,000	\$0
Total Congressionally Directed Projects	\$999	\$2,000	\$0
Hearings and Appeals Program Direction	\$6,603	\$6,444	\$6,444
Total Hearings and Appeals	\$6,603	\$6,444	\$6,444
Office of Legacy Management Legacy Management	\$12,687	\$14,287	\$13,607
Total Office of Legacy Management	\$12,687	\$14,287	\$13,607
Health Safety and Security  Health Safety and Security (All other)	\$278,452	\$297,208	\$324,398
Total Health Safety and Security	\$278,452	\$297,208	\$324,398
Program Direction Program Direction	\$98,397	\$104,125	\$107,740
Total Program Direction	\$98,397	\$104,125	\$107,740
Total Other Defense Activities Defense Nuclear Nonproliferation	\$397,138	\$424,064	\$452,189
Nonreliferation and Varification DOD			

Nonproliferation and Verification R&D

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#### State Table

strict Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Nonproliferation and Verification R&D	\$0	\$10,000	\$10,000
Total Nonproliferation and Verification R&D	\$0	\$10,000	\$10,000
Nonproliferation and International Security  Nonproliferation and International Security	\$4,421	\$4,928	\$4,596
Total Nonproliferation and International Security	\$4,421	\$4,928	\$4,596
Non Proliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Elimination of Weapons -Grade Plutonium Production P Fissile Materials Disposition	\$2,074 \$1,692 \$1,000	\$0 \$2,000 \$1,000	\$0 \$0 \$3,000
Total Non Proliferation Programs with Russia	\$4,766	\$3,000	\$3,000
Global Threat Reduction Initiative Global Threat Reduction Initiative	\$2,443	\$925	\$1,116
Total Global Threat Reduction Initiative	\$2,443	\$925	\$1,116
Total Defense Nuclear Nonproliferation	\$11,630	\$18,853	\$18,712
Naval Reactors  Naval Reactors Development  Naval Reactors Development	\$3,200	\$2,933	\$3,286
Total Naval Reactors Development	\$3,200	\$2,933	\$3,286
Program Direction Program Direction	\$15,304	\$36,800	\$40,000
Total Program Direction	\$15,304	\$36,800	\$40,000
Total Naval Reactors	\$18,504	\$39,733	\$43,286
Office of the Administrator Office of the Administrator Office of the Administrator	\$230,987	\$235,076	\$248,681
Total Office of the Administrator	\$230,987	\$235,076	\$248,681
Total Office of the Administrator	\$230,987	\$235,076	\$248,681
Departmental Administration Policy & International Affairs			
Program Direction	\$19,469	\$19,296	\$19,296
Policy Analysis and System Studies Environmental Policy Studies	\$1,000 \$531	\$1,159 \$528	\$1,159 \$528
Climate Change Technology Program	\$2,000	\$9,270	\$9,270
Total Policy & International Affairs	\$23,000	\$30,253	\$30,253
Chief Financial Officer Program Direction	\$26,657	\$39,289	\$39,133
Program Direction Program Direction	\$31,436	\$29,537	\$27,560

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district Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Program Direction	\$58,093	\$68,826	\$66,693
Congressional, and Intergovernmental Affairs Program Direction	\$4,700	\$4,826	\$4,826
Total Congressional, and Intergovernmental Affairs	\$4,700	\$4,826	\$4,826
Office of Indian Energy Policy and Programs Office of Indian Energy Policy and Programs Public Affairs	\$1,500	\$5,500	\$1,500
Program Direction	\$3,780	\$4,500	\$4,500
Total Public Affairs	\$5,280	\$10,000	\$6,000
General Counsel Program Direction	\$31,233	\$32,478	\$36,654
Total General Counsel	\$31,233	\$32,478	\$36,654
Office of the Secretary Program Direction	\$5,700	\$5,864	\$7,864
Total Office of the Secretary	\$5,700	\$5,864	\$7,864
Management & Administration Program Direction	\$38,556	\$40,489	\$42,995
Total Management & Administration	\$38,556	\$40,489	\$42,995
Economic Impact & Diversity Program Direction Minority Economic Impact	\$3,545 \$855	\$3,896 \$2,775	\$4,033 \$2,304
Total Economic Impact & Diversity	\$4,400	\$6,671	\$6,337
Chief Information Officer Program Direction Cyber Security and Secure Management Corporate Management Information Program Energy Information Technology Services	\$53,738 \$25,212 \$27,250 \$0	\$38,146 \$31,265 \$9,403 \$22,149	\$36,238 \$33,772 \$8,933 \$21,120
Total Chief Information Officer	\$106,200	\$100,963	\$100,063
Total Departmental Administration  Office of the Inspector General	\$277,162	\$300,370	\$301,685
Office of the Inspector General Office of the Inspector General	\$12,628	\$16,916	\$13,909
Total Office of the Inspector General	\$12,628	\$16,916	\$13,909
Total Office of the Inspector General	\$12,628	\$16,916	\$13,909
Western Area Power Admin. Const.,Rehab.,O&M Program Direction		•	•
Program Direction	\$480	\$565	\$623
Total Program Direction	\$480	\$565	\$623

Table

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istrict Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Western Area Power Admin. Const.,Rehab.,O&M	\$480	\$565	\$623
Federal Energy Regulatory Commission Energy Infrastructure Energy Infrastructure	\$169,400	\$195,000	\$200,600
Total Energy Infrastructure	\$169,400	\$195,000	\$200,600
Competitive Markets Competitive Markets	\$58,000	\$60,000	\$65,000
Total Competitive Markets	\$58,000	\$60,000	\$65,000
Market Oversight Market Oversight	\$46,000	\$43,000	\$50,000
Total Market Oversight	\$46,000	\$43,000	\$50,000
Total Federal Energy Regulatory Commission	\$273,400	\$298,000	\$315,600
Fossil Energy Research and Development Fuels and Other Power Systems Advanced Research	\$593	\$700	\$700
Total Fuels and Other Power Systems	\$593	\$700	\$700
Natural Gas Technologies  Natural Gas Technologies	\$2,322	\$1,931	\$0
Total Natural Gas Technologies	\$2,322	\$1,931	\$0
Petroleum - Oil Technologies Oil Technology	\$255	\$0	\$0
Total Petroleum - Oil Technologies	\$255	\$0	\$0
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$75	\$75	\$75
Total Fossil Energy Environmental Restoration	\$75	\$75	\$75
Congressionally Directed Projects Congressionally Directed Projects	\$42,634	\$36,850	\$0
Total Congressionally Directed Projects	\$42,634	\$36,850	\$0
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$1,460	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$1,460	\$0
Total Fossil Energy Research and Development	\$45,879	\$41,016	\$775
Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves Management	\$1,987	\$2,192	\$2,126
Total Naval Petroleum and Oil Shale Reserves	\$1,987	\$2,192	\$2,126
Total Naval Petroleum and Oil Shale Reserves	\$1,987	\$2,192	\$2,126

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#### State Table

strict Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Nuclear Waste Fund			
Nuclear Waste Disposal			
Repository Program	\$13,000	\$10,200	\$0
Transportation	\$1,000	\$0	\$0
Prog. Mgmt. & Int (S & T)	\$11,700	\$4,500	\$0
Program Direction	\$44,590	\$50,000	\$0
Total Nuclear Waste Disposal	\$70,290	\$64,700	\$0
Total Nuclear Waste Fund	\$70,290	\$64,700	\$0
Defense Environmental Cleanup			
Program Direction			
Program Direction	\$95,324	\$118,163	\$102,660
Total Program Direction	\$95,324	\$118,163	\$102,660
Program Support Program Support	\$33,930	\$34,000	\$25,143
Total Program Support	\$33,930	\$34,000	\$25,143
Uranium Enrichment D&D Fund Contribution	ψου,σου	φο-1,000	Ψ20,140
Uranium Enrichment D&D Fund Contribution	\$463,000	\$463,000	\$496,700
Total Uranium Enrichment D&D Fund Contribution	\$463,000	\$463,000	\$496,700
Technology Development			
Technology Development	\$31,415	\$20,000	\$32,320
Total Technology Development	\$31,415	\$20,000	\$32,320
Total Defense Environmental Cleanup	\$623,669	\$635,163	\$656,823
Strategic Petroleum Reserve			
Management for SPR Operations			
Management	\$4,955	\$4,879	\$5,536
Total Management for SPR Operations	\$4,955	\$4,879	\$5,536
Total Strategic Petroleum Reserve	\$4,955	\$4,879	\$5,536
Northeast Home Heating Oil Reserve Account			
Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$742	\$1,912	\$375
Total Northeast Home Heating Oil Reserve	\$742	\$1,912	\$375
Total Northeast Home Heating Oil Reserve Account	\$742	\$1,912	\$375
Energy Information Administration			
Energy Information Administration			
National Energy Information System	\$66,267	\$64,545	\$73,983
Total Energy Information Administration	\$66,267	\$64,545	\$73,983
Total Energy Information Administration	\$66,267	\$64,545	\$73,983
Total Energy Information Mariningtration	Ψ00,207	φο-1,0-10	Ψ10,50

State Table (Dollars In Thousands)

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District Of Columbia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total District Of Columbia	\$10,640,046	\$4,100,388	\$5,015,387
Total District Of Columbia	\$10,040,040	φ4,100,300	φ5,015,367

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#### State Table

orida	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy		•	•
Weatherization Assistance	\$9,885	\$1,484	\$3,397
State Energy Program Grants	\$815	\$811	\$1,321
Total Energy Efficiency and Renewable Energy	\$10,700	\$2,295	\$4,718
Total Energy Efficiency and Renewable Energy	\$10,700	\$2,295	\$4,718
Science			
High Energy Physics			
High Energy Physics	\$4,376	\$3,972	\$4,396
Total High Energy Physics	\$4,376	\$3,972	\$4,396
Nuclear Physics			
Nuclear Physics	\$1,177	\$1,186	\$1,186
Total Nuclear Physics	\$1,177	\$1,186	\$1,186
Biological and Environmental Research			
Biological and Environmental Research	\$3,192	\$1,511	\$463
Total Biological and Environmental Research	\$3,192	\$1,511	\$463
Basic Energy Sciences			
Basic Energy Sciences	\$5,379	\$4,041	\$4,041
Total Basic Energy Sciences	\$5,379	\$4,041	\$4,041
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$514	\$443	\$456
Total Fusion Energy Sciences Program	\$514	\$443	\$456
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$187	\$82	\$37
Total Advanced Scientific Computing Research	\$187	\$82	\$37
Congressionally Directed Projects			
Congressionally Directed Projects	\$2,220	\$0	\$0
Total Congressionally Directed Projects	\$2,220	\$0	\$0
Total Science	\$17,045	\$11,235	\$10,579
Other Defense Activities			
Office of Legacy Management			
Legacy Management	\$8,174	\$7,869	\$7,996
Total Office of Legacy Management	\$8,174	\$7,869	\$7,996
Total Other Defense Activities	\$8,174	\$7,869	\$7,996
Southeastern Power Admin Operation & Maint.	. ,	. ,	. ,
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$700	\$700	\$700
Total Purchase Power and Wheeling			
Total I dividuo I ovor and vincoling	\$700	\$700	\$700

State Table (Dollars In Thousands)

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Florida	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Southeastern Power Admin Operation & Maint.	\$700	\$700	\$700
Fossil Energy Research and Development Fuels and Other Power Systems			
Carbon Sequestration	\$427	\$546	\$360
Fuels	\$811	\$189	\$0
Advanced Research	\$277	\$222	\$100
Advanced Turbines	\$8,772	\$0	\$10,150
Total Fuels and Other Power Systems	\$10,287	\$957	\$10,610
Total Fossil Energy Research and Development	\$10,287	\$957	\$10,610
Total Florida	\$46,906	\$23,056	\$34,603

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### State Table

(Dollars In Thousands)

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eorgia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$8,295	\$2,282	\$3,719
State Energy Program Grants	\$523	\$521	\$856
Total Energy Efficiency and Renewable Energy	\$8,818	\$2,803	\$4,575
Total Energy Efficiency and Renewable Energy	\$8,818	\$2,803	\$4,575
Science			
Nuclear Physics		<b>.</b>	
Nuclear Physics	\$401	\$401	\$401
Total Nuclear Physics	\$401	\$401	\$401
Biological and Environmental Research Biological and Environmental Research	\$2,320	\$1,534	\$1,124
Total Biological and Environmental Research	\$2,320	\$1,534	\$1,124
Basic Energy Sciences	Ψ2,320	Ψ1,004	Ψ1,124
Basic Energy Sciences	\$7,299	\$5,431	\$5,431
Total Basic Energy Sciences	\$7,299	\$5,431	\$5,431
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$492	\$342	\$392
Total Fusion Energy Sciences Program	\$492	\$342	\$392
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$27	\$177	\$150
Total Advanced Scientific Computing Research	\$27	\$177	\$150
Total Science	\$10,539	\$7,885	\$7,498
Southeastern Power Admin Operation & Maint.			
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$43,327	\$63,032	\$65,726
Total Purchase Power and Wheeling	\$43,327	\$63,032	\$65,726
Program Direction			
Program Direction	\$7,420	\$7,638	\$8,034
Total Program Direction	\$7,420	\$7,638	\$8,034
Total Southeastern Power Admin Operation & Maint.	\$50,747	\$70,670	\$73,760
Fossil Energy Research and Development			
Fuels and Other Power Systems	<b>A.</b>	<b>A</b> 4	A
Carbon Sequestration	\$21,225	\$14,060	\$8,492
Innovations for Existing Plants	\$652	\$280	\$276
Total Fuels and Other Power Systems	\$21,877	\$14,340	\$8,768
Natural Gas Technologies	<b>#</b> 00.4	<b>#400</b>	Φ.
Natural Gas Technologies	\$224	\$130	\$0

State Table (Dollars In Thousands)

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Georgia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Natural Gas Technologies	\$224	\$130	\$0
Total Fossil Energy Research and Development	\$22,101	\$14,470	\$8,768
Total Georgia	\$92,205	\$95,828	\$94,601

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### State Table

FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
\$199 \$118	\$159 \$147	\$205
· · · · · · · · · · · · · · · · · · ·	* · · ·	\$195
· ·	<del></del>	\$400 \$400
	· · · · · · · · · · · · · · · · · · ·	\$400
	Appropriation	Appropriation         Appropriation           \$199         \$159           \$118         \$117           \$317         \$276           \$317         \$276

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#### State Table

awaii	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$394	\$169	\$265
State Energy Program Grants	\$167	\$166	\$271
Total Energy Efficiency and Renewable Energy	\$561	\$335	\$536
Total Energy Efficiency and Renewable Energy	\$561	\$335	\$536
Science			
High Energy Physics			
High Energy Physics	\$1,880	\$1,658	\$1,532
Total High Energy Physics	\$1,880	\$1,658	\$1,532
Biological and Environmental Research			
Biological and Environmental Research	\$499	\$244	\$59
Total Biological and Environmental Research	\$499	\$244	\$59
Basic Energy Sciences			
Basic Energy Sciences	\$611	\$414	\$414
Total Basic Energy Sciences	\$611	\$414	\$414
Total Science	\$2,990	\$2,316	\$2,005
Defense Environmental Cleanup			
Congressionally Directed Projects			
Congressionally Directed Projects	\$1,618	\$0	\$0
Total Congressionally Directed Projects	\$1,618	\$0	\$0
Total Defense Environmental Cleanup	\$1,618	\$0	\$0
otal Hawaii	\$5,169	\$2,651	\$2,541

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#### State Table

ho	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Non-Defense Environmental Cleanup			
Small Sites Small Sites	\$13,478	\$5,000	\$4,900
Total Small Sites	\$13,478	\$5,000	\$4,900
Total Non-Defense Environmental Cleanup	\$13,478	\$5,000	\$4,900
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability	•	••••	
Research and Development	\$2,725	\$8,413	\$8,588
Total Electricity Delivery and Energy Reliability	\$2,725	\$8,413	\$8,588
Total Electricity Delivery and Energy Reliability	\$2,725	\$8,413	\$8,588
Nuclear Energy			
University Research Program University Research	\$5,000	\$5,000	ΦC
Total University Research Program			\$0
Nuclear Power 2010	\$5,000	\$5,000	\$0
Nuclear Power 2010  Nuclear Power 2010	\$176,894	\$77,280	\$0
Total Nuclear Power 2010	\$176,894	\$77,280	\$0
Generation IV Nuclear Energy Systems Generation IV Nuclear Energy Systems	\$164,036	\$173,337	\$0
Total Generation IV Nuclear Energy Systems	<u> </u>		
Fuel Cycle R & D	\$164,036	\$173,337	\$0
Fuel Cycle R & D	\$78,001	\$64,029	\$101,308
Total Fuel Cycle R & D	\$78,001	\$64,029	\$101,308
Radiological Facilities Management Radiological Facilities Management	\$17,423	\$20,340	\$14,658
Total Radiological Facilities Management	\$17,423	\$20,340	\$14,658
Idaho Facilities Management Idaho Facilities Management	\$139,020	\$169,998	\$160,082
Total Idaho Facilities Management	\$139,020	\$169,998	\$160,082
Congressionally Directed Projects Congressionally Directed Projects	\$2,854	\$2,500	\$0
Total Congressionally Directed Projects	\$2,854	\$2,500	\$0
Nuclear Hydrogen Initiative Nuclear Hydrogen Initiative	\$4,972	\$0	\$0
Total Nuclear Hydrogen Initiative	\$4,972	\$0	\$0
Program Direction-NE Program Direction-NE	\$35,575	\$37,100	\$38,947
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## Department Of Energy

FY 2011 Congressional Budget

### State Table

(Dollars In Thousands)

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daho	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
RE-ENERGYSE RE-ENERGYSE	\$0	\$0	\$5,000
Total RE-ENERGYSE	\$0	\$0	\$5,000
Nuclear Energy Enabling Technologies  Nuclear Energy Enabling Technologies	\$0	\$0	\$47,849
Total Nuclear Energy Enabling Technologies	\$0	\$0	\$47,849
Reactors Concepts RD&D Reactors Concepts RD&D	\$0	\$0	\$142,018
Total Reactors Concepts RD&D	\$0	\$0	\$142,018
International Nuclear Energy Cooperation International Nuclear Energy Cooperation	\$0	\$0	\$1,000
Total International Nuclear Energy Cooperation	\$0	\$0	\$1,000
Total Nuclear Energy	\$623,775	\$549,584	\$510,862
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D Wind Energy Geothermal Technology Water Power Vehicle Technologies Industrial Technologies Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants  Total Energy Efficiency and Renewable Energy	\$8,544 \$906 \$350 \$50 \$6,074 \$2,103 \$0 \$0 \$13,366 \$186	\$11,896 \$1,315 \$250 \$50 \$9,000 \$902 \$800 \$950 \$1,558 \$185	\$11,896 \$1,110 \$1,000 \$50 \$9,000 \$739 \$800 \$750 \$2,304 \$301
Total Energy Efficiency and Renewable Energy	\$21,579	\$26,906	\$27,950
Science Nuclear Physics Nuclear Physics	\$75	\$60	\$60
Total Nuclear Physics	\$75	\$60	\$60
Biological and Environmental Research  Biological and Environmental Research	\$2,449	\$1,717	\$1,304
Total Biological and Environmental Research	\$2,449	\$1,717	\$1,304
Basic Energy Sciences Basic Energy Sciences	\$3,770	\$420	\$420
Total Basic Energy Sciences	\$3,770	\$420	\$420
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$2,287	\$2,187	\$2,222

State Table

(Dollars In Thousands)

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aho	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Fusion Energy Sciences Program	\$2,287	\$2,187	\$2,222
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$79	\$135	\$135
Total Workforce Development for Teachers and Scientists	\$79	\$135	\$135
Congressionally Directed Projects Congressionally Directed Projects	\$3,038	\$0	\$0
Total Congressionally Directed Projects	\$3,038	\$0	\$0
Total Science	\$11,698	\$4,519	\$4,141
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$194	\$0	\$0
Total Directed Stockpile Work	\$194	\$0	\$0
Site Stewardship Site Stewardship	\$0	\$0	\$5,880
Total Site Stewardship	\$0	\$0	\$5,880
Readiness Campaign Readiness Campaign	\$2,193	\$2,595	\$3,419
Total Readiness Campaign	\$2,193	\$2,595	\$3,419
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$3,840	\$4,745	\$0
Total Readiness in Technical Base and Facilities	\$3,840	\$4,745	\$0
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$1,823	\$1,914	\$2,010
Total Nuclear Couterterrorism Incident Response	\$1,823	\$1,914	\$2,010
Congressionally Directed Projects Congressionally Directed Projects	\$952	\$0	\$0
Total Congressionally Directed Projects	\$952	\$0	\$0
Total Weapons Activities	\$9,002	\$9,254	\$11,309
Other Defense Activities Idaho Sitewide Safeguards and Security Idaho Sitewide Safeguards and Security	\$78,811	\$83,358	\$88,200
Total Idaho Sitewide Safeguards and Security	\$78,811	\$83,358	\$88,200
Health Safety and Security  Health Safety and Security (All other)	\$5,080	\$3,868	\$2,799
Total Health Safety and Security	\$5,080	\$3,868	\$2,799
Total Other Defense Activities  Defense Nuclear Nonproliferation	\$83,891	\$87,226	\$90,999

State Table

(Dollars In Thousands)

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ho	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$4,595	\$2,630	\$2,53
Total Nonproliferation and Verification R&D	\$4,595	\$2,630	\$2,53
Nonproliferation and International Security Nonproliferation and International Security	\$7,265	\$8,098	\$7,55
Total Nonproliferation and International Security	\$7,265	\$8,098	\$7,55
Non Proliferation Programs with Russia International Nuclear Materials Protection & Cooperatio	\$1,518	\$2,525	\$52
Total Non Proliferation Programs with Russia	\$1,518	\$2,525	\$52
Global Threat Reduction Initiative Global Threat Reduction Initiative	\$122,743	\$86,049	\$122,84
Total Global Threat Reduction Initiative	\$122,743	\$86,049	\$122,84
Total Defense Nuclear Nonproliferation	\$136,121	\$99,302	\$133,45
Naval Reactors  Naval Reactors Development  Naval Reactors Development	\$68,900	\$79,200	\$93,40
Total Naval Reactors Development	\$68,900	\$79,200	\$93,40
Total Naval Reactors			
Departmental Administration	\$68,900	\$79,200	\$93,40
Cost of Work for Others Cost of Work for Others	\$1,000	\$1,000	\$1,00
Total Cost of Work for Others	\$1,000	\$1,000	\$1,00
Total Departmental Administration	\$1,000	\$1,000	\$1,00
Office of the Inspector General Office of the Inspector General			
Office of the Inspector General	\$932	\$1,086	\$97
Total Office of the Inspector General	\$932	\$1,086	\$97
Total Office of the Inspector General	\$932	\$1,086	\$97
Fossil Energy Research and Development Fuels and Other Power Systems			
Carbon Sequestration	\$183	\$0	\$25
Advanced Research	\$170	\$170	\$17
Total Fuels and Other Power Systems	\$353	\$170	\$42
Natural Gas Technologies Natural Gas Technologies	\$392	\$30	\$
Total Natural Gas Technologies	\$392	\$30	\$
Petroleum - Oil Technologies	•	·	·

#### State Table

(Dollars In Thousands)

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Idaho	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Oil Technology	\$34	\$0	\$0
Total Petroleum - Oil Technologies	\$34	\$0	\$0
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$92	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$92	\$0
Total Fossil Energy Research and Development	\$779	\$292	\$425
Defense Environmental Cleanup Idaho National Laboratory Soil and Water Remediation	\$475,761	\$464,168	\$407,100
Total Idaho National Laboratory	\$475,761	\$464,168	\$407,100
Program Direction Program Direction	\$10,340	\$10,534	\$10,776
Total Program Direction	\$10,340	\$10,534	\$10,776
Total Defense Environmental Cleanup Energy Information Administration	\$486,101	\$474,702	\$417,876
Energy Information Administration National Energy Information System	\$261	\$250	\$300
Total Energy Information Administration	\$261	\$250	\$300
Total Energy Information Administration	\$261	\$250	\$300
Total Idaho	\$1,460,242	\$1,346,734	\$1,306,181

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FY 2011

#### State Table

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FY 2009

nois	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Non-Defense Environmental Cleanup Small Sites	00.470	040,000	40
Small Sites	\$9,479	\$10,000	\$0
Total Small Sites	\$9,479	\$10,000	\$0
Total Non-Defense Environmental Cleanup	\$9,479	\$10,000	\$0
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability Research and Development Program Direction Permitting Siting and Analysis	\$2,925 \$363 \$110	\$1,888 \$375 \$600	\$1,450 \$378 \$90
Total Electricity Delivery and Energy Reliability	\$3,398	\$2,863	\$1,918
Total Electricity Delivery and Energy Reliability	\$3,398	\$2,863	\$1,918
Nuclear Energy Generation IV Nuclear Energy Systems Generation IV Nuclear Energy Systems	\$1,598	\$14,712	\$0
Total Generation IV Nuclear Energy Systems	\$1,598	\$14,712	\$0
Fuel Cycle R & D Fuel Cycle R & D	\$18,930	\$10,518	\$12,896
Total Fuel Cycle R & D	\$18,930	\$10,518	\$12,896
Radiological Facilities Management Radiological Facilities Management	\$800	\$0	\$0
Total Radiological Facilities Management	\$800	\$0	\$0
Nuclear Hydrogen Initiative Nuclear Hydrogen Initiative	\$233	\$0	\$0
Total Nuclear Hydrogen Initiative	\$233	\$0	\$0
Nuclear Energy Enabling Technologies Nuclear Energy Enabling Technologies	\$0	\$0	\$4,240
Total Nuclear Energy Enabling Technologies	\$0	\$0	\$4,240
Reactors Concepts RD&D Reactors Concepts RD&D	\$0	\$0	\$15,649
Total Reactors Concepts RD&D	\$0	\$0	\$15,649
International Nuclear Energy Cooperation International Nuclear Energy Cooperation	\$0	\$0	\$350
Total International Nuclear Energy Cooperation	\$0	\$0	\$350
Total Nuclear Energy	\$21,561	\$25,230	\$33,135
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D	\$2,755	\$2,500	\$2,500

## Department Of Energy

FY 2011 Congressional Budget

#### State Table

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Wind Energy         \$554         \$977         \$86           Geothermal Technology         \$500         \$500         \$500           Hydrogen Technology         \$13,147         \$11,983         \$3           Water Power         \$15         \$924         \$86           Solar Energy         \$2,080         \$0         \$1,00           Vehicle Technologies         \$39,369         \$35,424         \$30,00           Building Technologies         \$0         \$0         \$88           Industrial Technologies         \$4,134         \$3,152         \$2,55           Federal Energy Management Program         \$0         \$150         \$15           Progam Support         \$152         \$1,010         \$2,77           Weatherization Assistance         \$24,070         \$10,845         \$15,55           State Energy Program Grants         \$1,127         \$1,133         \$1,55           State Energy Program Grants         \$1,127         \$1,133         \$1,55           State Energy Program Grants         \$1,127         \$1,333         \$1,55           State Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,7           Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598	pis	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Geothermal Technology	Wind Energy	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	\$824
Hydrogen Technology			·	\$02-
Water Power         \$15         \$924         \$88           Solar Energy         \$2,080         \$0         \$1,00           Vehicle Technologies         \$39,369         \$35,424         \$30,00           Building Technologies         \$0         \$0         \$88           Industrial Technologies         \$4,134         \$3,152         \$25,55           Federal Energy Management Program         \$0         \$150         \$15           Progam Support         \$152         \$1,010         \$2,77           Weatherization Assistance         \$24,070         \$10,845         \$15,55           State Energy Program Grants         \$1,127         \$1,133         \$1,56           Hydrogen & Fuel Cell Technologies         \$0         \$0         \$12,10           Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Total Energy Physics         \$411,931         \$428,568         \$434,75           H			·	\$(
Solar Energy		· · ·		\$896
Vehicle Technologies         \$39,369         \$35,424         \$30,00           Building Technologies         \$0         \$0         \$88           Industrial Technologies         \$4,134         \$3,152         \$2,55           Federal Energy Management Program         \$0         \$150         \$15           Progam Support         \$152         \$1,010         \$2,77           Weatherization Assistance         \$24,070         \$10,845         \$15,55           State Energy Program Grants         \$1,127         \$1,133         \$1,55           Hydrogen & Fuel Cell Technologies         \$0         \$0         \$12,10           Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Science         High Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Science         High Energy Physics         \$411,931         \$428,568         \$434,75           Science         High Energy Physics         \$411,931         \$428,568         \$434,75           Nuclear Physics         \$30,198         \$37,916         \$35,30           Nuclear Physics         \$30,198         \$37,916         \$35,30           Nuclear Physics         \$30,198         \$37,916 <td< td=""><td></td><td>-</td><td>·</td><td>\$1,000</td></td<>		-	·	\$1,000
Building Technologies   \$0 \$0 \$88     Industrial Technologies   \$4,134 \$3,152 \$2,55     Federal Energy Management Program   \$0 \$150 \$11      Progam Support   \$152 \$1,010 \$2,76      Weatherization Assistance   \$24,070 \$10,845 \$15,56      State Energy Program Grants   \$1,127 \$1,133 \$1,55      Hydrogen & Fuel Cell Technologies   \$0 \$0 \$0 \$12,10      Total Energy Efficiency and Renewable Energy   \$87,903 \$68,598 \$70,7      Science   High Energy Physics   \$411,931 \$428,568 \$434,75      High Energy Physics   \$411,931 \$428,568 \$434,75      Total Hydrogen Physics   \$30,198 \$37,916 \$35,30      Nuclear Physics   \$30,198 \$37,916 \$35,30      Nuclear Physics   \$30,198 \$37,916 \$35,30      Silological and Environmental Research   \$35,201 \$80,693 \$124,25      Baic Energy Sciences   \$220,710 \$319,027 \$375,1      Total Biological and Environmental Research   \$35,201 \$80,693 \$124,25      Basic Energy Sciences   \$220,710 \$319,027 \$375,1      Total Basic Energy Sciences Program   \$772 \$613 \$44      Total Fusion Energy Sciences Program   \$772 \$613 \$44      Total Fusion Energy Sciences Program   \$772 \$613 \$44      Total Fusion Energy Sciences Program   \$772 \$613 \$44      Total Science Laboratories Infrastructure   \$10,756 \$8,000 \$22,57      Total Science Laboratories Infrastructure   \$10,756 \$8,000 \$22,57      Total Science Laboratories Infrastructure   \$10,756 \$8,000 \$22,57      Total Advanced Scientific Computing Research   \$57,040 \$57,501 \$69,76      Total Advanced Scientific Computing Research   \$57,040 \$57,501 \$69,76      Total Computing Research   \$57,040 \$57,501 \$69,76      Total Direction   \$700 \$100 \$100 \$    Program Direction   \$44,381 \$44,005 \$47,56      Program Direction   \$44,381 \$44,005 \$	<b>0</b> ,		· ·	\$30,000
Industrial Technologies				\$850
Progam Support   \$152	Industrial Technologies	\$4,134	\$3,152	\$2,536
Weatherization Assistance         \$24,070         \$10,845         \$15,56           State Energy Program Grants         \$1,127         \$1,133         \$1,51           Hydrogen & Fuel Cell Technologies         \$0         \$0         \$12,10           Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Science         High Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Science         High Energy Physics         \$411,931         \$428,568         \$434,75           High Energy Physics         \$411,931         \$428,568         \$434,75           Nuclear Physics         \$30,198         \$37,916         \$35,36           Nuclear Physics         \$30,198         \$37,916         \$35,36           Nuclear Physics         \$30,198         \$37,916         \$35,36           Biological and Environmental Research         \$35,201         \$80,693         \$124,25           Total Biological and Environmental Research         \$35,201         \$80,693         \$124,25           Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Pusion Energy Sciences Progra	Federal Energy Management Program	\$0	\$150	\$150
State Energy Program Grants         \$1,127         \$1,133         \$1,55           Hydrogen & Fuel Cell Technologies         \$0         \$0         \$12,10           Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Science         High Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Science         High Energy Physics         \$411,931         \$428,568         \$434,75           High Energy Physics         \$411,931         \$428,568         \$434,75           Nuclear Physics         \$30,198         \$37,916         \$35,30           Nuclear Physics         \$30,198         \$37,916         \$35,30           Total Nuclear Physics         \$30,198         \$37,916         \$35,30           Biological and Environmental Research         \$35,201         \$80,693         \$124,29           Basic Energy Sciences         \$35,201         \$80,693         \$124,29           Basic Energy Sciences         \$220,710         \$319,027         \$375,11           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,11           Total Pusion Energy Sciences Program         \$772         \$613         \$42           Science Laboratories Infrastructure	Progam Support	\$152	\$1,010	\$2,760
Hydrogen & Fuel Cell Technologies   \$0 \$0 \$12,10     Total Energy Efficiency and Renewable Energy   \$87,903 \$68,598 \$70,7     Total Energy Efficiency and Renewable Energy   \$87,903 \$68,598 \$70,7     Science High Energy Physics	Weatherization Assistance	\$24,070	\$10,845	\$15,544
Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Total Energy Efficiency and Renewable Energy         \$87,903         \$68,598         \$70,77           Science         High Energy Physics         \$411,931         \$428,568         \$434,75           High Energy Physics         \$411,931         \$428,568         \$434,75           Total High Energy Physics         \$411,931         \$428,568         \$434,75           Nuclear Physics         \$30,198         \$37,916         \$35,36           Nuclear Physics         \$30,198         \$37,916         \$35,36           Biological and Environmental Research         \$35,201         \$80,693         \$124,25           Biological and Environmental Research         \$35,201         \$80,693         \$124,25           Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Biological and Environmental Research         \$35,201         \$80,693         \$124,25           Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Pusion Energy Sciences Program         \$772         \$613         \$42           Science Laboratories Infrastr	State Energy Program Grants	\$1,127	\$1,133	\$1,552
Stripped	Hydrogen & Fuel Cell Technologies	\$0	\$0	\$12,100
Science         High Energy Physics         \$411,931         \$428,568         \$434,75           Total High Energy Physics         \$411,931         \$428,568         \$434,75           Nuclear Physics         \$30,198         \$37,916         \$35,36           Nuclear Physics         \$30,198         \$37,916         \$35,36           Biological and Environmental Research         \$30,198         \$37,916         \$35,36           Biological and Environmental Research         \$35,201         \$80,693         \$124,25           Total Biological and Environmental Research         \$35,201         \$80,693         \$124,25           Basic Energy Sciences         \$220,710         \$319,027         \$375,11           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,11           Total Basic Energy Sciences Program         \$772         \$613         \$42           Fusion Energy Sciences Program         \$772         \$613         \$42           Total Fusion Energy Sciences Program         \$772         \$613         \$42           Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Total Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Advanced Scientific Computing Research	Total Energy Efficiency and Renewable Energy	\$87,903	\$68,598	\$70,712
High Energy Physics         \$411,931         \$428,568         \$434,75           Total High Energy Physics         \$411,931         \$428,568         \$434,75           Nuclear Physics         \$30,198         \$37,916         \$35,36           Nuclear Physics         \$30,198         \$37,916         \$35,36           Biological and Environmental Research         \$30,198         \$37,916         \$35,36           Biological and Environmental Research         \$35,201         \$80,693         \$124,28           Basic Energy Sciences         \$35,201         \$80,693         \$124,28           Basic Energy Sciences         \$220,710         \$319,027         \$375,11           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,11           Total Basic Energy Sciences Program         \$772         \$613         \$42           Fusion Energy Sciences Program         \$772         \$613         \$42           Total Fusion Energy Sciences Program         \$772         \$613         \$42           Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Total Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Advanced Scientific Computing Research         \$57,040         \$57,501 </td <td></td> <td>\$87,903</td> <td>\$68,598</td> <td>\$70,712</td>		\$87,903	\$68,598	\$70,712
Total High Energy Physics         \$411,931         \$428,568         \$434,75           Nuclear Physics         \$30,198         \$37,916         \$35,36           Total Nuclear Physics         \$30,198         \$37,916         \$35,36           Biological and Environmental Research         \$35,201         \$80,693         \$124,25           Basic Energy Sciences         \$35,201         \$80,693         \$124,25           Basic Energy Sciences         \$35,201         \$80,693         \$124,25           Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Fusion Energy Sciences Program         \$772         \$613         \$42           Fusion Energy Sciences Program         \$772         \$613         \$42           Total Fusion Energy Sciences Program         \$772         \$613         \$42           Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Total Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Advanced Scientific Computing Research         \$57,040         \$57,501         \$69,76           Total Advanced Scientific Computing Research         \$57,040         \$	High Energy Physics	\$411,931	\$428,568	\$434,754
Nuclear Physics         \$30,198         \$37,916         \$35,36           Total Nuclear Physics         \$30,198         \$37,916         \$35,36           Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Basic Energy Sciences B				\$434,754
Biological and Environmental Research         \$35,201         \$80,693         \$124,29           Total Biological and Environmental Research         \$35,201         \$80,693         \$124,29           Basic Energy Sciences         \$35,201         \$80,693         \$124,29           Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Fusion Energy Sciences Program         \$772         \$613         \$42           Fusion Energy Sciences Program         \$772         \$613         \$42           Total Fusion Energy Sciences Program         \$772         \$613         \$42           Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Total Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Advanced Scientific Computing Research			, ,	\$35,362
Biological and Environmental Research         \$35,201         \$80,693         \$124,29           Total Biological and Environmental Research         \$35,201         \$80,693         \$124,29           Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Fusion Energy Sciences Program         \$772         \$613         \$42           Fusion Energy Sciences Program         \$772         \$613         \$42           Total Fusion Energy Sciences Program         \$772         \$613         \$42           Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Total Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Advanced Scientific Computing Research	Total Nuclear Physics	\$30,198	\$37,916	\$35,362
Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Fusion Energy Sciences Program         \$772         \$613         \$42           Fusion Energy Sciences Program         \$772         \$613         \$42           Total Fusion Energy Sciences Program         \$772         \$613         \$42           Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Total Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Advanced Scientific Computing Research         \$57,040         \$57,501         \$69,76           Total Advanced Scientific Computing Research         \$57,040         \$57,501         \$69,76           Program Direction         \$41,381         \$41,005         \$47,58		\$35,201	\$80,693	\$124,297
Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Total Basic Energy Sciences         \$220,710         \$319,027         \$375,17           Fusion Energy Sciences Program         \$772         \$613         \$42           Total Fusion Energy Sciences Program         \$772         \$613         \$42           Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Total Science Laboratories Infrastructure         \$10,756         \$8,000         \$22,52           Advanced Scientific Computing Research         \$57,040         \$57,501         \$69,76           Advanced Scientific Computing Research         \$57,040         \$57,501         \$69,76           Program Direction         \$41,381         \$41,005         \$47,58	Total Biological and Environmental Research	\$35,201	\$80,693	\$124,297
Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  Fusion Energy Sciences Program  \$772 \$613 \$42  \$613 \$42  \$52  \$53 \$42  \$53 \$42  \$53 \$42  \$54 \$55  \$55 \$55 \$55  \$55 \$		\$220,710	\$319,027	\$375,116
Fusion Energy Sciences Program \$772 \$613 \$42  Total Fusion Energy Sciences Program \$772 \$613 \$42  Science Laboratories Infrastructure \$10,756 \$8,000 \$22,52  Total Science Laboratories Infrastructure \$10,756 \$8,000 \$22,52  Total Science Laboratories Infrastructure \$10,756 \$8,000 \$22,52  Advanced Scientific Computing Research \$57,040 \$57,501 \$69,76  Total Advanced Scientific Computing Research \$57,040 \$57,501 \$69,76  Program Direction \$41,381 \$41,005 \$47,58	Total Basic Energy Sciences	\$220,710	\$319,027	\$375,116
Science Laboratories Infrastructure Science Laboratories Infrastructure \$10,756 \$8,000 \$22,52  Total Science Laboratories Infrastructure \$10,756 \$8,000 \$22,52  Advanced Scientific Computing Research Advanced Scientific Computing Research \$57,040 \$57,501 \$69,76  Total Advanced Scientific Computing Research Program Direction Program Direction \$41,381 \$41,005 \$47,58		\$772	\$613	\$421
Science Laboratories Infrastructure \$10,756 \$8,000 \$22,52  Total Science Laboratories Infrastructure \$10,756 \$8,000 \$22,52  Advanced Scientific Computing Research Advanced Scientific Computing Research \$57,040 \$57,501 \$69,76  Total Advanced Scientific Computing Research \$57,040 \$57,501 \$69,76  Program Direction \$41,381 \$41,005 \$47,58	Total Fusion Energy Sciences Program	\$772	\$613	\$421
Advanced Scientific Computing Research Advanced Scientific Computing Research  **Total Advanced Scientific Computing Research  Program Direction Program Direction  **Program Direction **		\$10,756	\$8,000	\$22,524
Advanced Scientific Computing Research Advanced Scientific Computing Research  **Total Advanced Scientific Computing Research  **Program Direction  Program Direction  **Program Direction  **Program Direction  **Total Advanced Scientific Computing Research  **S7,040  **S7,501  **S69,76	Total Science Laboratories Infrastructure	\$10,756	\$8,000	\$22,524
Program Direction Program Direction \$41,381 \$41,005 \$47,58				\$69,760
Program Direction Program Direction \$41,381 \$41,005 \$47,58	Total Advanced Scientific Computing Research	\$57.040	\$57,501	\$69,760
Total Day 1		,		\$47,583
	Total Program Direction	\$41,381	\$41,005	\$47,583

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inois	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Small Business Innovative Research Small Business Innovative Research	\$154,439	\$0	\$0
Total Small Business Innovative Research	\$154,439	\$0	\$0
Safeguards and Security Safeguards and Security	\$13,033	\$12,133	\$12,471
Total Safeguards and Security	\$13,033	\$12,133	\$12,471
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$2,345	\$725	\$7,649
Total Workforce Development for Teachers and Scientists	\$2,345	\$725	\$7,649
Congressionally Directed Projects Congressionally Directed Projects	\$4,435	\$74,737	\$0
Total Congressionally Directed Projects	\$4,435	\$74,737	\$0
Total Science	\$982,241	\$1,060,918	\$1,129,937
Weapons Activities Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$0	\$5	\$0
Total Inertial Confinement Fusion and High Yield Campaig	\$0	\$5	\$0
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$5,530	\$6,699	\$4,800
Total Advanced Simulation & Computing Campaign	\$5,530	\$6,699	\$4,800
Readiness Campaign Readiness Campaign	\$33,432	\$9,700	\$9,436
Total Readiness Campaign	\$33,432	\$9,700	\$9,436
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$937	\$380	\$0
Total Readiness in Technical Base and Facilities	\$937	\$380	\$0
Nuclear Couterterrorism Incident Response  Nuclear Weapons Incident Response	\$2,388	\$2,507	\$2,633
Total Nuclear Couterterrorism Incident Response	\$2,388	\$2,507	\$2,633
Total Weapons Activities	\$42,287	\$19,291	\$16,869
Other Defense Activities Health Safety and Security	<b>#0.057</b>	<b>#4.004</b>	<b>#4.004</b>
Health Safety and Security (All other)  Total Health Safety and Security	\$2,357	\$1,264	\$1,684
	\$2,357	\$1,264	\$1,684
Total Other Defense Activities	\$2,357	\$1,264	\$1,684
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$3,275	\$2,826	\$2,727

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nois	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Nonproliferation and Verification R&D	\$3,275	\$2,826	\$2,727
Nonproliferation and International Security  Nonproliferation and International Security	\$6,927	\$10,221	\$7,201
Total Nonproliferation and International Security	\$6,927	\$10,221	\$7,201
Non Proliferation Programs with Russia International Nuclear Materials Protection & Cooperatio	\$2,509	\$2,237	\$766
Total Non Proliferation Programs with Russia	\$2,509	\$2,237	\$766
Global Threat Reduction Initiative Global Threat Reduction Initiative	\$30,615	\$38,125	\$54,129
Total Global Threat Reduction Initiative	\$30,615	\$38,125	\$54,129
Total Defense Nuclear Nonproliferation	\$43,326	\$53,409	\$64,823
Departmental Administration Cost of Work for Others			
Cost of Work for Others	\$6,762	\$6,762	\$6,762
Total Cost of Work for Others	\$6,762	\$6,762	\$6,762
Total Departmental Administration	\$6,762	\$6,762	\$6,762
Office of the Inspector General Office of the Inspector General Office of the Inspector General	\$1,065	\$1,551	\$1,393
Total Office of the Inspector General	\$1,065	\$1,551	\$1,393
Total Office of the Inspector General	\$1,065	\$1,551	\$1,393
Fossil Energy Research and Development Fuels and Other Power Systems			
Fuel Cells Carbon Sequestration Fuels Advanced Research Innovations for Existing Plants Advanced Integrated Gasification Combined Cycle	\$1,100 \$18,810 \$700 \$780 \$2,741 \$300	\$1,200 \$14,058 \$750 \$830 \$422 \$0	\$800 \$11,116 \$650 \$830 \$201
Total Fuels and Other Power Systems	\$24,431	\$17,260	\$13,597
Natural Gas Technologies Natural Gas Technologies	\$77	\$378	\$0
Total Natural Gas Technologies	\$77	\$378	\$0
Petroleum - Oil Technologies Oil Technology	\$481	\$0	\$0
Total Petroleum - Oil Technologies	\$481	\$0	\$0
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$480	\$0

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nois	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Unconventional Fossil Energy Technologies	\$0	\$480	\$0
Total Fossil Energy Research and Development	\$24,989	\$18,118	\$13,597
Energy Information Administration Energy Information Administration National Energy Information System	\$4,191	\$4,300	\$5,200
Total Energy Information Administration	\$4,191	\$4,300	\$5,200
Total Energy Information Administration	\$4,191	\$4,300	\$5,200
tal Illinois	\$1,229,559	\$1.272.304	\$1.346.030

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diana	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	<b>* * * * * * * * * *</b>	<b>A=</b> 400	<b>A= -</b> 00
Weatherization Assistance	\$12,342 \$619	\$5,138 \$620	\$7,563 \$900
State Energy Program Grants  Total Energy Efficiency and Renewable Energy		*	•
	\$12,961	\$5,758	\$8,463
Total Energy Efficiency and Renewable Energy	\$12,961	\$5,758	\$8,463
Science			
High Energy Physics	\$4,098	\$3,802	¢2 025
High Energy Physics			\$3,935
Total High Energy Physics	\$4,098	\$3,802	\$3,935
Nuclear Physics Nuclear Physics	\$1,986	\$1,986	\$1,986
Total Nuclear Physics	\$1,986	\$1,986	\$1,986
Biological and Environmental Research	ψ1,900	Ψ1,900	ψ1,300
Biological and Environmental Research	\$1,730	\$488	\$0
Total Biological and Environmental Research	\$1,730	\$488	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$10,850	\$7,321	\$7,321
Total Basic Energy Sciences	\$10,850	\$7,321	\$7,321
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$1,431	\$1,424	\$1,180
Total Fusion Energy Sciences Program	\$1,431	\$1,424	\$1,180
Advanced Scientific Computing Research	4000	<b>*</b>	<b>*</b>
Advanced Scientific Computing Research	\$839	\$896	\$412
Total Advanced Scientific Computing Research	\$839	\$896	\$412
Congressionally Directed Projects	<b>\$00</b> 5	¢ο	<b>ው</b> ር
Congressionally Directed Projects	\$925	\$0	\$0
Total Congressionally Directed Projects	\$925	\$0	\$0
Total Science	\$21,859	\$15,917	\$14,834
Fossil Energy Research and Development			
Fuels and Other Power Systems	¢4.007	¢ኅດኅ	<b>ው</b> ር
Innovations for Existing Plants  Total Fuels and Other Power Systems	\$1,007	\$383	\$0
	\$1,007	\$383	\$0
Total Fossil Energy Research and Development	\$1,007	\$383	\$0
tal Indiana	\$35,827	\$22,058	\$23,297
otal Indiana	\$35,827		\$22,058

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a	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$250	\$0	\$306
Weatherization Assistance	\$8,579	\$3,919	\$5,626
State Energy Program Grants	\$366	\$366	\$532
Total Energy Efficiency and Renewable Energy	\$9,195	\$4,285	\$6,464
Total Energy Efficiency and Renewable Energy	\$9,195	\$4,285	\$6,464
Science			
High Energy Physics			
High Energy Physics	\$2,430	\$1,881	\$1,943
Total High Energy Physics	\$2,430	\$1,881	\$1,943
Nuclear Physics	<b>.</b>	*	*
Nuclear Physics	\$1,094	\$1,112	\$1,112
Total Nuclear Physics	\$1,094	\$1,112	\$1,112
Biological and Environmental Research Biological and Environmental Research	\$1,279	\$1,331	\$1,069
Total Biological and Environmental Research	\$1,279	\$1,331	\$1,06
Basic Energy Sciences Basic Energy Sciences	\$21,891	\$20,004	\$20,004
Total Basic Energy Sciences	\$21,891	\$20,004	\$20,004
Fusion Energy Sciences Program	. ,	. ,	. ,
Fusion Energy Sciences Program	\$391	\$750	\$374
Total Fusion Energy Sciences Program	\$391	\$750	\$374
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$6,673	\$6,976	\$6,526
Total Advanced Scientific Computing Research	\$6,673	\$6,976	\$6,520
Program Direction Program Direction	\$536	\$585	\$62 <sup>-</sup>
Total Program Direction	\$536	\$585	\$62 <sup>-</sup>
Safeguards and Security	ψυσο	φοσο	ΨΟΖ
Safeguards and Security	\$1,067	\$980	\$1,007
Total Safeguards and Security	\$1,067	\$980	\$1,00
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$463	\$240	\$556
Total Workforce Development for Teachers and Scientists	\$463	\$240	\$556
Congressionally Directed Projects	·		
Congressionally Directed Projects	\$925	\$0	\$(
Total Congressionally Directed Projects	\$925	\$0	\$0

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lowa	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Science	\$36,749	\$33,859	\$33,212
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$236	\$435	\$420
Total Nonproliferation and Verification R&D	\$236	\$435	\$420
Total Defense Nuclear Nonproliferation	\$236	\$435	\$420
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$19,708	\$16,968	\$20,305
Total Systems Operation and Maintenance	\$19,708	\$16,968	\$20,305
Program Direction			
Program Direction	\$1,682	\$1,976	\$2,179
Total Program Direction	\$1,682	\$1,976	\$2,179
Total Western Area Power Admin. Const.,Rehab.,O&M	\$21,390	\$18,944	\$22,484
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$2,026	\$1,994	\$1,964
Total Equipment, Contracts and Other Related Expenses	\$2,026	\$1,994	\$1,964
Total Colorado River Basins Power Marketing Fund	\$2,026	\$1,994	\$1,964
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Fuels	\$715	\$0	\$0
Advanced Research	\$1,105	\$1,390	\$1,355
Advanced Turbines	\$200	\$0	\$300
Total Fuels and Other Power Systems	\$2,020	\$1,390	\$1,655
Total Fossil Energy Research and Development	\$2,020	\$1,390	\$1,655
Total Iowa	\$71,616	\$60,907	\$66,199

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ansas	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$5,002	\$1,988	\$2,899
State Energy Program Grants	\$321	\$321	\$476
Total Energy Efficiency and Renewable Energy	\$5,323	\$2,309	\$3,375
Total Energy Efficiency and Renewable Energy	\$5,323	\$2,309	\$3,375
Science			
High Energy Physics High Energy Physics	\$884	\$785	\$866
Total High Energy Physics	\$884	\$785	\$866
Nuclear Physics Nuclear Physics	\$342	\$342	\$342
Total Nuclear Physics	\$342	\$342	\$342
Biological and Environmental Research Biological and Environmental Research	\$260	\$35	\$0
Total Biological and Environmental Research	\$260	\$35	\$0
Basic Energy Sciences Basic Energy Sciences	\$4,437	\$644	\$644
Total Basic Energy Sciences	\$4,437	\$644	\$644
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$70	\$70	\$70
Total Fusion Energy Sciences Program	\$70	\$70	\$70
Total Science	\$5,993	\$1,876	\$1,922
Fossil Energy Research and Development Fuels and Other Power Systems			
Innovations for Existing Plants	\$514	\$0	\$0
Total Fuels and Other Power Systems	\$514	\$0	\$0
Petroleum - Oil Technologies Oil Technology	\$441	\$0	\$0
Total Petroleum - Oil Technologies	\$441	\$0	\$0
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$364	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$364	\$0
Total Fossil Energy Research and Development	\$955	\$364	\$0
tal Kansas	\$12,271	\$4,549	\$5,297

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ntucky	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Non-Defense Environmental Cleanup Gaseous Diffusion Plants			
Gaseous Diffusion Plants	\$45,305	\$47,491	\$52,490
Total Gaseous Diffusion Plants	\$45,305	\$47,491	\$52,490
Congressionally Directed Projects  Congressionally Directed Projects	\$951	\$0	\$0
Total Congressionally Directed Projects	\$951	\$0	\$0
Total Non-Defense Environmental Cleanup	\$46,256	\$47,491	\$52,490
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Grants	\$7,641 \$403	\$3,548 \$402	\$5,254 \$616
Total Energy Efficiency and Renewable Energy	\$8,044	\$3,950	\$5,870
Total Energy Efficiency and Renewable Energy	\$8,044	\$3,950	\$5,870
Uranium Enrichment Decon. & Decom. Fund Uranium Enrichment D&D Fund	ψο,ο τ τ	ψ0,000	φο,ονο
Uranium Enrichment D&D Fund	\$116,446	\$116,446	\$84,014
Total Uranium Enrichment D&D Fund	\$116,446	\$116,446	\$84,014
Total Uranium Enrichment Decon. & Decom. Fund	\$116,446	\$116,446	\$84,014
Science High Energy Physics High Energy Physics	\$114	\$107	\$29
Total High Energy Physics	\$114	\$107	\$29
Nuclear Physics Nuclear Physics	\$555	\$107 \$555	ъ29 \$555
Total Nuclear Physics	\$555	\$555	\$555
Basic Energy Sciences Basic Energy Sciences	\$988	\$978	\$278
Total Basic Energy Sciences	\$988	\$978	\$278
Congressionally Directed Projects Congressionally Directed Projects	\$1,850	\$0	\$0
Total Congressionally Directed Projects	\$1,850	\$0	\$0
Total Science	\$3,507	\$1,640	\$862
Other Defense Activities			
Office of Legacy Management Legacy Management	\$2,436	\$4,275	\$3,200
Total Office of Legacy Management	\$2,436	\$4,275	\$3,200

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#### State Table

Kentucky	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Health Safety and Security  Health Safety and Security (All other)	\$0	\$260	\$260
Total Health Safety and Security	\$0	\$260	\$260
Total Other Defense Activities	\$2,436	\$4,535	\$3,460
Fossil Energy Research and Development Fuels and Other Power Systems Fuels	\$1,048	\$1,750	\$1,000
Total Fuels and Other Power Systems	\$1,048	\$1,750	\$1,000
Total Fossil Energy Research and Development	\$1,048	\$1,750	\$1,000
Defense Environmental Cleanup Program Direction Program Direction	\$9,890	\$9,292	\$8,951
Total Program Direction	\$9,890	\$9,292	\$8,951
Safeguards and Security Safeguards and Security	\$8,196	\$8,190	\$8,496
Total Safeguards and Security	\$8,196	\$8,190	\$8,496
Total Defense Environmental Cleanup	\$18,086	\$17,482	\$17,447
otal Kentucky	\$195,823	\$193,294	\$165,143

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#### State Table

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uisiana	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance	\$3,623	\$1,341	\$1,840
State Energy Program Grants	\$437	\$435	\$717
Total Energy Efficiency and Renewable Energy	\$4,060	\$1,776	\$2,557
Total Energy Efficiency and Renewable Energy	\$4,060	\$1,776	\$2,557
Science			
High Energy Physics High Energy Physics	\$808	\$751	\$646
Total High Energy Physics	\$808	\$751	\$646
Nuclear Physics Nuclear Physics	\$185	\$185	\$185
Total Nuclear Physics	\$185	\$185	\$185
Biological and Environmental Research Biological and Environmental Research	\$1,672	\$190	\$0
Total Biological and Environmental Research	\$1,672	\$190	\$0
Basic Energy Sciences Basic Energy Sciences	\$4,142	\$1,416	\$1,116
Total Basic Energy Sciences	\$4,142	\$1,416	\$1,116
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$90	\$92	\$43
Total Advanced Scientific Computing Research	\$90	\$92	\$43
Congressionally Directed Projects	Ψ90	ΨΘΖ	ΨτΟ
Congressionally Directed Projects	\$2,312	\$0	\$0
Total Congressionally Directed Projects	\$2,312	\$0	\$0
Total Science	\$9,209	\$2,634	\$1,990
Fossil Energy Research and Development Fuels and Other Power Systems			
Fuels	\$600	\$0	\$0
Total Fuels and Other Power Systems	\$600	\$0	\$0
Total Fossil Energy Research and Development	\$600	\$0	\$0
Strategic Petroleum Reserve Storage Facilities Development	•	•	•
SPR - Facilities Development	\$120,472	\$153,513	\$146,786
Total Storage Facilities Development	\$120,472	\$153,513	\$146,786
Management for SPR Operations  Management	\$12,510	\$12,819	\$13,964
Total Management for SPR Operations	\$12,510	\$12,819	\$13,964

State Table (Dollars In Thousands)

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Louisiana	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Strategic Petroleum Reserve	\$132,982	\$166,332	\$160,750
Total Louisiana	\$146.851	\$170.742	\$165.297

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#### State Table

Maine	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			_
Energy Efficiency and Renewable Energy	¢4.005	<b>CO 44C</b>	<b>CO 547</b>
Weatherization Assistance	\$4,925 \$226	\$2,416 \$227	\$3,517 \$339
State Energy Program Grants	\$226	\$227	<b>Φ</b> 339
Total Energy Efficiency and Renewable Energy	\$5,151	\$2,643	\$3,856
Total Energy Efficiency and Renewable Energy	\$5,151	\$2,643	\$3,856
Science			
Biological and Environmental Research			
Biological and Environmental Research	\$117	\$0	\$0
Total Biological and Environmental Research	\$117	\$0	\$0
Basic Energy Sciences			
Basic Energy Sciences	\$720	\$21	\$20
Total Basic Energy Sciences	\$720	\$21	\$20
Total Science	\$837	\$21	\$20
Total Maine	\$5,988	\$2,664	\$3,876

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#### State Table

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aryland	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy		_	
Weatherization Assistance	\$5,280	\$2,083	\$3,159
State Energy Program Grants	\$476	\$477	\$692
Total Energy Efficiency and Renewable Energy	\$5,756	\$2,560	\$3,851
Total Energy Efficiency and Renewable Energy	\$5,756	\$2,560	\$3,851
Science			
High Energy Physics			
High Energy Physics	\$3,211	\$2,924	\$3,142
Total High Energy Physics	\$3,211	\$2,924	\$3,142
Nuclear Physics			
Nuclear Physics	\$1,419	\$1,367	\$1,288
Total Nuclear Physics	\$1,419	\$1,367	\$1,288
Biological and Environmental Research			
Biological and Environmental Research	\$7,252	\$6,781	\$847
Total Biological and Environmental Research	\$7,252	\$6,781	\$847
Basic Energy Sciences	Ф <b>7</b> 000	<b>#</b> 4.404	<b>#4.404</b>
Basic Energy Sciences	\$7,366	\$4,134	\$4,134
Total Basic Energy Sciences	\$7,366	\$4,134	\$4,134
Fusion Energy Sciences Program	00011	<b>#</b> 2.224	<b>A</b> 0.40=
Fusion Energy Sciences Program	\$3,344	\$3,224	\$3,125
Total Fusion Energy Sciences Program	\$3,344	\$3,224	\$3,125
Advanced Scientific Computing Research		_	_
Advanced Scientific Computing Research	\$1,498	\$1,503	\$1,236
Total Advanced Scientific Computing Research	\$1,498	\$1,503	\$1,236
Congressionally Directed Projects			
Congressionally Directed Projects	\$694	\$0	\$0
Total Congressionally Directed Projects	\$694	\$0	\$0
Total Science	\$24,784	\$19,933	\$13,772
Departmental Administration			
Chief Financial Officer			
Program Direction	\$16,600	\$23,692	\$23,598
Total Chief Financial Officer	\$16,600	\$23,692	\$23,598
Total Departmental Administration	\$16,600	\$23,692	\$23,598
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$16,571	\$7,846	\$4,861
Total Office of the Inspector General	\$16,571	\$7,846	\$4,861

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#### State Table

Maryland	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Office of the Inspector General	\$16,571	\$7,846	\$4,861
Fossil Energy Research and Development Fuels and Other Power Systems Advanced Research	\$605	\$288	\$288
Total Fuels and Other Power Systems	\$605	\$288	\$288
Natural Gas Technologies Natural Gas Technologies	\$20	\$0	\$0
Total Natural Gas Technologies	\$20	\$0	\$0
Program Direction Headquarters Program Direction	\$19,245	\$19,523	\$18,767
Total Program Direction	\$19,245	\$19,523	\$18,767
Petroleum - Oil Technologies Oil Technology	\$20	\$0	\$0
Total Petroleum - Oil Technologies	\$20	\$0	\$0
Cooperative Research & Revelopment Cooperative Research & Development	\$50	\$50	\$0
Total Cooperative Research & Revelopment	\$50	\$50	\$0
Total Fossil Energy Research and Development Energy Information Administration	\$19,940	\$19,861	\$19,055
Energy Information Administration National Energy Information System	\$32,298	\$33,600	\$39,800
Total Energy Information Administration	\$32,298	\$33,600	\$39,800
Total Energy Information Administration	\$32,298	\$33,600	\$39,800
Total Maryland	\$115,949	\$107,492	\$104,937

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#### State Table

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assachusetts	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	<b>.</b>	<b>4</b>	<b>4</b>
Weatherization Assistance	\$11,795	\$5,138	\$7,482
State Energy Program Grants	\$605	\$608	\$834
Total Energy Efficiency and Renewable Energy	\$12,400	\$5,746	\$8,316
Total Energy Efficiency and Renewable Energy	\$12,400	\$5,746	\$8,316
Science			
High Energy Physics			
High Energy Physics	\$18,840	\$13,945	\$16,671
Total High Energy Physics	\$18,840	\$13,945	\$16,671
Nuclear Physics			
Nuclear Physics	\$10,269	\$8,518	\$8,518
Total Nuclear Physics	\$10,269	\$8,518	\$8,518
Biological and Environmental Research			
Biological and Environmental Research	\$16,587	\$10,899	\$7,140
Total Biological and Environmental Research	\$16,587	\$10,899	\$7,140
Basic Energy Sciences			
Basic Energy Sciences	\$17,453	\$9,924	\$9,924
Total Basic Energy Sciences	\$17,453	\$9,924	\$9,924
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$26,480	\$27,766	\$28,427
Total Fusion Energy Sciences Program	\$26,480	\$27,766	\$28,427
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$1,475	\$1,298	\$150
Total Advanced Scientific Computing Research	\$1,475	\$1,298	\$150
Congressionally Directed Projects			
Congressionally Directed Projects	\$6,936	\$0	\$0
Total Congressionally Directed Projects	\$6,936	\$0	\$0
Total Science	\$98,040	\$72,350	\$70,830
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Carbon Sequestration	\$352	\$551	\$464
Fuels	\$1,390	\$500	\$0
Total Fuels and Other Power Systems	\$1,742	\$1,051	\$464
	<del></del>		
Total Fossil Energy Research and Development	\$1,742	\$1,051	\$464

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#### State Table

lichigan	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Grants	\$25,950 \$954	\$11,911 \$959	\$17,180 \$1,299
Total Energy Efficiency and Renewable Energy	\$26,904	\$12,870	\$18,479
Total Energy Efficiency and Renewable Energy	\$26,904	\$12,870	\$18,479
Science			
High Energy Physics High Energy Physics	\$5,309	\$4,944	\$4,773
Total High Energy Physics	\$5,309	\$4,944	\$4,773
Nuclear Physics Nuclear Physics	\$8,245	\$10,245	\$1,245
Total Nuclear Physics	\$8,245	\$10,245	\$1,245
Biological and Environmental Research Biological and Environmental Research	\$5,411	\$2,283	\$974
Total Biological and Environmental Research	\$5,411	\$2,283	\$974
Basic Energy Sciences Basic Energy Sciences	\$15,906	\$8,728	\$8,728
Total Basic Energy Sciences	\$15,906	\$8,728	\$8,728
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$2,303	\$1,670	\$2,293
Total Fusion Energy Sciences Program	\$2,303	\$1,670	\$2,293
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$300	\$300	\$0
Total Advanced Scientific Computing Research	\$300	\$300	\$0
Congressionally Directed Projects Congressionally Directed Projects	\$1,248	\$0	\$0
Total Congressionally Directed Projects	\$1,248	\$0	\$0
Total Science	\$38,722	\$28,170	\$18,013
Fossil Energy Research and Development Fuels and Other Power Systems	<b>,</b> , , ,	<b>4</b> =3,	<b>¥</b> 10,010
Carbon Sequestration	\$237	\$0	\$0
Total Fuels and Other Power Systems	\$237	\$0	\$0
Total Fossil Energy Research and Development	\$237	\$0	\$0
otal Michigan	\$65,863	\$41,040	\$36,492

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#### State Table

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nnesota	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance	\$15,973 ************************************	\$7,740	\$11,205
State Energy Program Grants Total Energy Efficiency and Renewable Energy	\$573	\$575	\$796
	\$16,546	\$8,315	\$12,001
Total Energy Efficiency and Renewable Energy	\$16,546	\$8,315	\$12,001
Science High Energy Physics High Energy Physics	\$5,445	\$2,218	\$2,604
Total High Energy Physics	\$5,445	\$2,218	\$2,604
Nuclear Physics Nuclear Physics	\$532	\$402	\$402
Total Nuclear Physics	\$532	\$402	\$402
Biological and Environmental Research Biological and Environmental Research	\$763	\$786	\$250
Total Biological and Environmental Research	\$763	\$786	\$250
Basic Energy Sciences Basic Energy Sciences	\$2,273	\$1,427	\$1,427
Total Basic Energy Sciences	\$2,273	\$1,427	\$1,427
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$67	\$0	\$67
Total Fusion Energy Sciences Program	\$67	\$0	\$67
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$975	\$135	\$0
Total Advanced Scientific Computing Research	\$975	\$135	\$0
Total Science	\$10,055	\$4,968	\$4,750
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance	\$22,203	\$18,981	\$18,726
Total Systems Operation and Maintenance	\$22,203	\$18,981	\$18,726
Program Direction Program Direction	\$120	\$141	\$156
Total Program Direction	\$120	\$141	\$156
Total Western Area Power Admin. Const., Rehab., O&M	\$22,323	\$19,122	\$18,882
Colorado River Basins Power Marketing Fund			•
Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$2,315	\$2,278	\$2,244
Total Equipment, Contracts and Other Related Expenses	\$2,315	\$2,278	\$2,244

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Minnesota	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Colorado River Basins Power Marketing Fund	\$2,315	\$2,278	\$2,244
Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration	\$198	\$202	\$195
Total Fuels and Other Power Systems	\$198	\$202	\$195
Total Fossil Energy Research and Development	\$198	\$202	\$195
Total Minnesota	\$51,437	\$34,885	\$38,072

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Energy Efficiency and Renewable Energy	ississippi	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Weatherization Assistance         \$3,744         \$1,291         \$1,992           State Energy Program Grants         \$274         \$272         \$435           Total Energy Efficiency and Renewable Energy         \$4,018         \$1,563         \$2,427           Total Energy Efficiency and Renewable Energy         \$4,018         \$1,563         \$2,427           Science         High Energy Physics         \$550         \$427         \$444           From High Energy Physics         \$550         \$427         \$444           Total High Energy Physics         \$550         \$427         \$444           Nuclear Physics         \$536         \$545         \$545           Nuclear Physics         \$536         \$545         \$545           Nuclear Physics         \$536         \$545         \$545           Total Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661 <th></th> <th></th> <th></th> <th></th>				
State Energy Program Grants         \$274         \$272         \$435           Total Energy Efficiency and Renewable Energy         \$4,018         \$1,563         \$2,427           Total Energy Efficiency and Renewable Energy         \$4,018         \$1,563         \$2,427           Science         High Energy Physics         \$550         \$427         \$444           High Energy Physics         \$550         \$427         \$444           Total High Energy Physics         \$556         \$427         \$444           Nuclear Physics         \$536         \$545         \$545           Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup			_	
Total Energy Efficiency and Renewable Energy         \$4,018         \$1,563         \$2,427           Total Energy Efficiency and Renewable Energy         \$4,018         \$1,563         \$2,427           Science         High Energy Physics         \$550         \$427         \$444           High Energy Physics         \$550         \$427         \$444           Total High Energy Physics         \$550         \$427         \$444           Nuclear Physics         \$536         \$545         \$545           Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Total Congressionally Directed Proje				. ,
Total Energy Efficiency and Renewable Energy         \$4,018         \$1,563         \$2,427           Science         High Energy Physics         \$550         \$427         \$444           High Energy Physics         \$550         \$427         \$444           Total High Energy Physics         \$550         \$427         \$444           Nuclear Physics         \$536         \$545         \$545           Nuclear Physics         \$536         \$545         \$545           Total Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve	State Energy Program Grants	\$274	\$272	\$435
Science         High Energy Physics         \$550         \$427         \$444           Total High Energy Physics         \$550         \$427         \$444           Nuclear Physics         \$550         \$427         \$444           Nuclear Physics         \$536         \$545         \$545           Total Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         \$25,000         \$0           Expansion         \$31,507         \$25,000	Total Energy Efficiency and Renewable Energy	\$4,018	\$1,563	\$2,427
High Energy Physics         \$550         \$427         \$444           Total High Energy Physics         \$550         \$427         \$444           Nuclear Physics         \$550         \$427         \$444           Nuclear Physics         \$536         \$545         \$545           Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         \$25,000         \$0           Expansion         \$31,507         \$25,000         \$0 <tr< td=""><td>Total Energy Efficiency and Renewable Energy</td><td>\$4,018</td><td>\$1,563</td><td>\$2,427</td></tr<>	Total Energy Efficiency and Renewable Energy	\$4,018	\$1,563	\$2,427
High Energy Physics         \$550         \$427         \$444           Total High Energy Physics         \$550         \$427         \$444           Nuclear Physics         \$536         \$545         \$545           Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$25,000         \$0           Total Expansion         \$31,507         <	Science			
Total High Energy Physics         \$550         \$427         \$444           Nuclear Physics         \$536         \$545         \$545           Total Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Strategic	High Energy Physics			
Nuclear Physics         \$536         \$545         \$545           Total Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	High Energy Physics	\$550	\$427	\$444
Nuclear Physics         \$536         \$545         \$545           Total Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Total High Energy Physics	\$550	\$427	\$444
Total Nuclear Physics         \$536         \$545         \$545           Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Nuclear Physics			
Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Nuclear Physics	\$536	\$545	\$545
Biological and Environmental Research         \$300         \$0         \$0           Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Total Nuclear Physics	\$536	\$545	\$545
Total Biological and Environmental Research         \$300         \$0         \$0           Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup         Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Biological and Environmental Research			
Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup Congressionally Directed Projects Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve Expansion Expansion Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Biological and Environmental Research	\$300	\$0	\$0
Basic Energy Sciences         \$275         \$275         \$275           Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup Congressionally Directed Projects Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve Expansion Expansion Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Total Biological and Environmental Research	\$300	\$0	\$0
Total Basic Energy Sciences         \$275         \$275         \$275           Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup Congressionally Directed Projects Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0				
Total Science         \$1,661         \$1,247         \$1,264           Defense Environmental Cleanup Congressionally Directed Projects Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Basic Energy Sciences	\$275	\$275	\$275
Defense Environmental Cleanup           Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Total Basic Energy Sciences	\$275	\$275	\$275
Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Total Science	\$1,661	\$1,247	\$1,264
Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Defense Environmental Cleanup			
Total Congressionally Directed Projects         \$3,806         \$4,000         \$0           Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0				
Total Defense Environmental Cleanup         \$3,806         \$4,000         \$0           Strategic Petroleum Reserve         Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Congressionally Directed Projects	\$3,806	\$4,000	\$0
Strategic Petroleum Reserve           Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	Total Congressionally Directed Projects	\$3,806	\$4,000	\$0
Expansion       \$31,507       \$25,000       \$0         Total Expansion       \$31,507       \$25,000       \$0         Total Strategic Petroleum Reserve       \$31,507       \$25,000       \$0	Total Defense Environmental Cleanup	\$3,806	\$4,000	\$0
Expansion       \$31,507       \$25,000       \$0         Total Expansion       \$31,507       \$25,000       \$0         Total Strategic Petroleum Reserve       \$31,507       \$25,000       \$0	Strategic Petroleum Reserve			
Expansion         \$31,507         \$25,000         \$0           Total Expansion         \$31,507         \$25,000         \$0           Total Strategic Petroleum Reserve         \$31,507         \$25,000         \$0	<u> </u>			
Total Strategic Petroleum Reserve \$31,507 \$25,000 \$0		\$31,507	\$25,000	\$0
	Total Expansion	\$31,507	\$25,000	\$0
ptal Mississippi \$40.992 \$31.810 \$3.691	Total Strategic Petroleum Reserve	\$31,507	\$25,000	\$0
	otal Mississippi	\$40,992	\$31,810	\$3,691

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issouri	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Grants	\$11,566 \$508	\$4,704 \$509	\$6,788 \$742
Total Energy Efficiency and Renewable Energy	\$12,074	\$5,213	\$7,530
Total Energy Efficiency and Renewable Energy	\$12,074	\$5,213	\$7,530
Science High Energy Physics High Energy Physics	\$745	\$675	\$675
Total High Energy Physics	\$745	\$675	\$675
Nuclear Physics Nuclear Physics	\$712	\$712	\$712
Total Nuclear Physics	\$712	\$712	\$712
Biological and Environmental Research Biological and Environmental Research	\$3,857	\$1,891	\$1,074
Total Biological and Environmental Research	\$3,857	\$1,891	\$1,074
Basic Energy Sciences Basic Energy Sciences	\$8,781	\$7,970	\$7,970
Total Basic Energy Sciences	\$8,781	\$7,970	\$7,970
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$0	\$138	\$142
Total Advanced Scientific Computing Research	\$0	\$138	\$142
Total Science	\$14,095	\$11,386	\$10,573
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$245,982	\$227,033	\$259,125
Total Directed Stockpile Work	\$245,982	\$227,033	\$259,125
Site Stewardship Site Stewardship	\$0	\$1,821	\$1,847
Total Site Stewardship	\$0	\$1,821	\$1,847
Engineering Campaign Engineering Campaign	\$6,984	\$4,450	\$3,550
Total Engineering Campaign	\$6,984	\$4,450	\$3,550
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$684	\$725	\$500
Total Advanced Simulation & Computing Campaign	\$684	\$725	\$500
Defense Nuclear Security Defense Nuclear Security	\$10,843	\$11,060	\$11,200

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issouri	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Defense Nuclear Security	\$10,843	\$11,060	\$11,200
Cyber Security Cyber Security	\$5,349	\$5,087	\$5,587
Total Cyber Security	\$5,349	\$5,087	\$5,587
Readiness Campaign Readiness Campaign	\$24,251	\$9,069	\$18,765
Total Readiness Campaign	\$24,251	\$9,069	\$18,765
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$113,312	\$162,146	\$190,889
Total Readiness in Technical Base and Facilities	\$113,312	\$162,146	\$190,889
Secure Transportation Asset Secure Transportation Asset	\$27,157	\$21,672	\$21,530
Total Secure Transportation Asset	\$27,157	\$21,672	\$21,530
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$4,941	\$2,339	\$4,956
Total Nuclear Couterterrorism Incident Response	\$4,941	\$2,339	\$4,956
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$10,600	\$13,980	\$15,000
Total Facilities and Infrastructure Recapitalization Program	\$10,600	\$13,980	\$15,000
Environmental Projects and Operations Program Environmental Projects and Operations Program	\$2,696	\$0	\$0
Total Environmental Projects and Operations Program	\$2,696	\$0	\$0
Congressionally Directed Projects Congressionally Directed Projects	\$952	\$0	\$0
Total Congressionally Directed Projects	\$952	\$0	\$0
Total Weapons Activities	\$453,751	\$459,382	\$532,949
Other Defense Activities  Health Safety and Security  Health Safety and Security (All other)	\$50	\$50	\$45
Total Health Safety and Security	\$50	\$50	\$45
Program Direction Program Direction	\$1,200	\$0	\$0
Total Program Direction	\$1,200	\$0	\$0
Total Other Defense Activities	\$1,250	\$50	\$45
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$35	\$30	\$30

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Missouri	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Nonproliferation and Verification R&D	\$35	\$30	\$30
Nonproliferation and International Security Nonproliferation and International Security	\$2,317	\$2,583	\$2,409
Total Nonproliferation and International Security	\$2,317	\$2,583	\$2,409
Total Defense Nuclear Nonproliferation	\$2,352	\$2,613	\$2,439
Office of the Administrator Office of the Administrator Office of the Administrator	\$6,106	\$5,881	\$7,078
Total Office of the Administrator	\$6,106	\$5,881	\$7,078
Total Office of the Administrator	\$6,106	\$5,881	\$7,078
Southwestern Power Admin Operation & Maint. Systems Operation and Maintenance Systems Operation and Maintenance	\$871	\$4,247	\$3,885
Total Systems Operation and Maintenance	\$871	\$4,247	\$3,885
Purchase Power and Wheeling Purchase Power and Wheeling	\$35,000	\$38,000	\$39,000
Total Purchase Power and Wheeling	\$35,000	\$38,000	\$39,000
SWPA Construction Construction	\$934	\$1,004	\$1,518
Total SWPA Construction	\$934	\$1,004	\$1,518
Program Direction Program Direction	\$4,309	\$7,682	\$8,992
Total Program Direction	\$4,309	\$7,682	\$8,992
Total Southwestern Power Admin Operation & Maint. Fossil Energy Research and Development	\$41,114	\$50,933	\$53,395
Fuels and Other Power Systems Carbon Sequestration	\$348	\$279	\$290
Total Fuels and Other Power Systems	\$348	\$279	\$290
Total Fossil Energy Research and Development	\$348	\$279	\$290
Total Missouri	\$531,090	\$535,737	\$614,299

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ontana	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Non-Defense Environmental Cleanup			
Congressionally Directed Projects			
Congressionally Directed Projects	\$1,903	\$0	\$(
Total Congressionally Directed Projects	\$1,903	\$0	\$0
Total Non-Defense Environmental Cleanup	\$1,903	\$0	\$0
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$3,760	\$1,987	\$2,86
State Energy Program Grants	\$178	\$178	\$283
Total Energy Efficiency and Renewable Energy	\$3,938	\$2,165	\$3,148
Total Energy Efficiency and Renewable Energy	\$3,938	\$2,165	\$3,148
Science			
Biological and Environmental Research			
Biological and Environmental Research	\$754	\$149	\$11 <sup>2</sup>
Total Biological and Environmental Research	\$754	\$149	\$11 <sup>-</sup>
Basic Energy Sciences			
Basic Energy Sciences	\$891	\$452	\$2
Total Basic Energy Sciences	\$891	\$452	\$2
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$50	\$65	\$65
Total Fusion Energy Sciences Program	\$50	\$65	\$6
Total Science	\$1,695	\$666	\$178
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$15,273	\$13,693	\$14,04
Total Systems Operation and Maintenance	\$15,273	\$13,693	\$14,04
Program Direction			
Program Direction	\$3,741	\$4,375	\$4,806
Total Program Direction	\$3,741	\$4,375	\$4,800
Total Western Area Power Admin. Const.,Rehab.,O&M	\$19,014	\$18,068	\$18,85
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$10,825	\$20,781	\$17,708
Total Equipment, Contracts and Other Related Expenses	\$10,825	\$20,781	\$17,708
Program Direction			
Program Direction	\$10,404	\$11,307	\$12,24
Total Program Direction	\$10,404	\$11,307	\$12,245

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Montana	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Colorado River Basins Power Marketing Fund	\$21,229	\$32,088	\$29,953
Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration	\$8,813	\$5,662	\$13,358
Total Fuels and Other Power Systems	\$8,813	\$5,662	\$13,358
Total Fossil Energy Research and Development	\$8,813	\$5,662	\$13,358
Total Montana	\$56,592	\$58,649	\$65,490

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ebraska	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			•
Weatherization Assistance	\$4,372	\$1,964	\$2,846
State Energy Program Grants	\$241	\$241	\$366
Total Energy Efficiency and Renewable Energy	\$4,613	\$2,205	\$3,212
Total Energy Efficiency and Renewable Energy	\$4,613	\$2,205	\$3,212
Science			
High Energy Physics			
High Energy Physics	\$15	\$15	\$16
Total High Energy Physics	\$15	\$15	\$16
Nuclear Physics Nuclear Physics	\$200	\$200	\$200
Total Nuclear Physics	\$200	\$200	\$200
Biological and Environmental Research	Ψ200	ΨΣΟΟ	Ψ200
Biological and Environmental Research	\$575	\$0	\$130
Total Biological and Environmental Research	\$575	\$0	\$130
Basic Energy Sciences	<b>.</b>		<b>^</b>
Basic Energy Sciences	\$1,481	\$518	\$518
Total Basic Energy Sciences	\$1,481	\$518	\$518
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$189	\$187	\$0
Total Fusion Energy Sciences Program	\$189	\$187	\$0
Advanced Scientific Computing Research	•	·	•
Advanced Scientific Computing Research	\$15	\$15	\$15
Total Advanced Scientific Computing Research	\$15	\$15	\$15
Total Science	\$2,475	\$935	\$879
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$41,964	\$34,222	\$34,455
Total Systems Operation and Maintenance	\$41,964	\$34,222	\$34,455
Program Direction			
Program Direction	\$2,162	\$2,540	\$2,802
Total Program Direction	\$2,162	\$2,540	\$2,802
Total Western Area Power Admin. Const.,Rehab.,O&M	\$44,126	\$36,762	\$37,257
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$4,233	\$4,165	\$4,103
Total Equipment, Contracts and Other Related Expenses	\$4,233	\$4,165	\$4,103

State Table (Dollars In Thousands)

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Nebraska	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Colorado River Basins Power Marketing Fund	\$4,233	\$4,165	\$4,103
Total Nebraska	\$55,447	\$44,067	\$45,451

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#### State Table

evada	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy Weatherization Assistance	¢2 540	\$663	¢1 210
State Energy Program Grants	\$2,548 \$192	\$190	\$1,219 \$330
Total Energy Efficiency and Renewable Energy	•	*	<u> </u>
	\$2,740	\$853	\$1,549
Total Energy Efficiency and Renewable Energy	\$2,740	\$853	\$1,549
Science			
Biological and Environmental Research Biological and Environmental Research	\$820	\$406	\$171
Total Biological and Environmental Research		*	
-	\$820	\$406	\$171
Basic Energy Sciences Basic Energy Sciences	\$831	\$970	\$970
Total Basic Energy Sciences	\$831	\$970	\$970
Fusion Energy Sciences Program	φοσι	ΨΟΙΟ	ΨΟΙΟ
Fusion Energy Sciences Program	\$432	\$520	\$530
Total Fusion Energy Sciences Program	\$432	\$520	\$530
Total Science	\$2,083	\$1,896	\$1,671
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$44,117	\$48,443	\$37,901
Total Directed Stockpile Work	\$44,117	\$48,443	\$37,901
Science Campaign			
Science Campaign	\$31,724	\$23,841	\$28,547
Total Science Campaign	\$31,724	\$23,841	\$28,547
Site Stewardship		<b>.</b> .	
Site Stewardship	\$0	\$0	\$535
Total Site Stewardship	\$0	\$0	\$535
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$3,095	\$3,000	\$0
Total Inertial Confinement Fusion and High Yield Campaig	\$3,095	\$3,000	\$0
Advanced Simulation & Computing Campaign	φο,σσσ	ψο,σσσ	ΨΟ
Advanced Simulation & Computing Campaign	\$50	\$75	\$0
Total Advanced Simulation & Computing Campaign	\$50	\$75	\$0
Defense Nuclear Security		_	
Defense Nuclear Security	\$79,666	\$76,000	\$74,070
Total Defense Nuclear Security	\$79,666	\$76,000	\$74,070
Cyber Security Cyber Security	¢2 425	<b>\$4.425</b>	¢1 125
Cyper Security	\$3,425	\$4,425	\$4,425

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evada	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Cyber Security	\$3,425	\$4,425	\$4,425
Readiness Campaign Readiness Campaign	\$492	\$500	\$0
Total Readiness Campaign	\$492	\$500	\$0
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$136,932	\$114,556	\$102,892
Total Readiness in Technical Base and Facilities	\$136,932	\$114,556	\$102,892
Secure Transportation Asset Secure Transportation Asset	\$177	\$6,279	\$5,917
Total Secure Transportation Asset	\$177	\$6,279	\$5,917
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$44,007	\$45,208	\$46,195
Total Nuclear Couterterrorism Incident Response	\$44,007	\$45,208	\$46,195
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$13,675	\$6,354	\$6,582
Total Facilities and Infrastructure Recapitalization Program	\$13,675	\$6,354	\$6,582
Congressionally Directed Projects Congressionally Directed Projects	\$475	\$0	\$0
Total Congressionally Directed Projects	\$475	\$0	\$0
Science Technology and Engineering Capability Science Technology and Engineering Capability	\$0	\$0	\$100
Total Science Technology and Engineering Capability	\$0	\$0	\$100
Total Weapons Activities	\$357,835	\$328,681	\$307,164
Other Defense Activities  Health Safety and Security  Health Safety and Security (All other)	\$6,680	\$5,680	\$3,180
Total Health Safety and Security	\$6,680	\$5,680	\$3,180
Total Other Defense Activities	\$6,680	\$5,680	\$3,180
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D	040.500	040,000	
Nonproliferation and Verification R&D	\$10,538	\$19,093	\$63,426
Total Nonproliferation and Verification R&D	\$10,538	\$19,093	\$63,426
Non Proliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Fissile Materials Disposition	\$100 \$600	\$0 \$0	\$0 \$0
Total Non Proliferation Programs with Russia	\$700	\$0	\$0
Global Threat Reduction Initiative Global Threat Reduction Initiative	\$7,574	\$3,025	\$52,608

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evada	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Global Threat Reduction Initiative	\$7,574	\$3,025	\$52,608
Total Defense Nuclear Nonproliferation	\$18,812	\$22,118	\$116,034
Office of the Administrator			
Office of the Administrator			
Office of the Administrator	\$17,549	\$17,987	\$19,485
Total Office of the Administrator	\$17,549	\$17,987	\$19,485
Total Office of the Administrator	\$17,549	\$17,987	\$19,485
Office of the Inspector General			
Office of the Inspector General			
Office of the Inspector General	\$1,198	\$1,552	\$1,252
Total Office of the Inspector General	\$1,198	\$1,552	\$1,252
Total Office of the Inspector General	\$1,198	\$1,552	\$1,252
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$803	\$19,685	\$5,350
Total Systems Operation and Maintenance	\$803	\$19,685	\$5,350
Program Direction			
Program Direction	\$601	\$706	\$778
Total Program Direction	\$601	\$706	\$778
Total Western Area Power Admin. Const.,Rehab.,O&M	\$1,404	\$20,391	\$6,128
Colorado River Basins Power Marketing Fund			
Program Direction			
Program Direction	\$434	\$472	\$514
Total Program Direction	\$434	\$472	\$514
Total Colorado River Basins Power Marketing Fund	\$434	\$472	\$514
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Fuels	\$1,000	\$0	\$0
Total Fuels and Other Power Systems	\$1,000	\$0	\$0
Total Fossil Energy Research and Development	\$1,000	\$0	\$0
Nuclear Waste Fund			
Nuclear Waste Disposal		_	
Repository Program	\$29,107	\$7,500	\$0
Transportation	\$1,100	\$0	\$0
Prog. Mgmt. & Int (S & T)	\$14,500	\$6,200	\$0 \$0
Program Direction	\$30,393	\$20,000	\$0

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Nevada	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Nuclear Waste Disposal	\$75,100	\$33,700	\$0
Total Nuclear Waste Fund	\$75,100	\$33,700	\$0
Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal			
Defense Nuclear Waste Disposal	\$96,000	\$58,400	\$0
Total Defense Nuclear Waste Disposal	\$96,000	\$58,400	\$0
Total Defense Nuclear Waste Disposal	\$96,000	\$58,400	\$0
Defense Environmental Cleanup Program Direction Program Direction	\$4,105	\$3,928	\$3,932
Total Program Direction			
NNSA Sites NNSA Sites	\$4,105 \$75,674	\$3,928 \$65,674	\$3,932 \$66,000
Total NNSA Sites	\$75,674	\$65,674	\$66,000
Congressionally Directed Projects Congressionally Directed Projects	\$1,067	\$0	\$0
Total Congressionally Directed Projects	\$1,067	\$0	\$0
Total Defense Environmental Cleanup	\$80,846	\$69,602	\$69,932
Total Nevada	\$661,681	\$561,332	\$526,909

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ew Hampshire	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy	40.504	<b>*</b> 1.400	<b>4. -</b> 0.
Weatherization Assistance State Energy Program Grants	\$2,534 \$212	\$1,193 \$212	\$1,731 \$318
Total Energy Efficiency and Renewable Energy	\$2,746	\$1,405	\$2,049
Total Energy Efficiency and Renewable Energy	\$2,746	\$1,405	\$2,049
Science Nuclear Physics Nuclear Physics	\$350	\$350	\$350
Total Nuclear Physics	\$350	\$350	\$350
Basic Energy Sciences Basic Energy Sciences	\$1,448	\$169	\$168
Total Basic Energy Sciences	\$1,448	\$169	\$168
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$260	\$168	\$167
Total Fusion Energy Sciences Program	\$260	\$168	\$167
Total Science	\$2,058	\$687	\$685
Fossil Energy Research and Development Fuels and Other Power Systems			
Advanced Research	\$512	\$0	\$0
Total Fuels and Other Power Systems	\$512	\$0	\$0
Total Fossil Energy Research and Development	\$512	\$0	\$0
tal New Hampshire	\$5,316	\$2,092	\$2,734

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v Jersey	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			•
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$10,125	\$3,999	\$6,091
State Energy Program Grants	\$768	\$771	\$1,075
Total Energy Efficiency and Renewable Energy	\$10,893	\$4,770	\$7,166
Total Energy Efficiency and Renewable Energy	\$10,893	\$4,770	\$7,166
Science			
High Energy Physics			
High Energy Physics	\$5,111	\$4,774	\$5,156
Total High Energy Physics	\$5,111	\$4,774	\$5,156
Nuclear Physics Nuclear Physics	\$60	\$60	\$60
Total Nuclear Physics	\$60	\$60	\$60
Biological and Environmental Research	·	·	·
Biological and Environmental Research	\$2,274	\$1,382	\$655
Total Biological and Environmental Research	\$2,274	\$1,382	\$655
Basic Energy Sciences Basic Energy Sciences	\$8,627	\$6,610	\$6,610
Total Basic Energy Sciences	\$8,627	\$6,610	\$6,610
Fusion Energy Sciences Program	Ψο,σ=.	40,0.0	Ψο,σ
Fusion Energy Sciences Program	\$72,721	\$74,113	\$77,295
Total Fusion Energy Sciences Program	\$72,721	\$74,113	\$77,295
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$1,863	\$1,133	\$522
Total Advanced Scientific Computing Research	\$1,863	\$1,133	\$522
Program Direction			
Program Direction	\$1,734	\$1,805	\$2,058
Total Program Direction	\$1,734	\$1,805	\$2,058
Safeguards and Security			
Safeguards and Security	\$2,242	\$2,178	\$2,237
Total Safeguards and Security	\$2,242	\$2,178	\$2,237
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$375	\$243	\$541
Total Workforce Development for Teachers and Scientists	\$375	\$243	\$541
Congressionally Directed Projects Congressionally Directed Projects	\$462	\$0	\$0
Total Congressionally Directed Projects	\$462	\$0	\$0
Total Science	\$95,469	\$92,298	\$95,134
I Oldi Goloi IOG	ψ95,409	ψ92,230	ψ30,134

State Table

(Dollars In Thousands)

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New Jersey	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Carbon Sequestration	\$1,027	\$1,197	\$1,344
Innovations for Existing Plants	\$610	\$564	\$273
Total Fuels and Other Power Systems	\$1,637	\$1,761	\$1,617
Total Fossil Energy Research and Development	\$1,637	\$1,761	\$1,617
Northeast Home Heating Oil Reserve Account  Northeast Home Heating Oil Reserve			
Northeast Home Heating Oil Reserve	\$4,560	\$4,800	\$5,500
Total Northeast Home Heating Oil Reserve	\$4,560	\$4,800	\$5,500
Total Northeast Home Heating Oil Reserve Account	\$4,560	\$4,800	\$5,500
Total New Jersey	\$112,559	\$103,629	\$109,417

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#### State Table

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w Mexico	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Non-Defense Environmental Cleanup			
Small Sites			
Small Sites	\$2,177	\$0	\$0
Total Small Sites	\$2,177	\$0	\$0
Total Non-Defense Environmental Cleanup	\$2,177	\$0	\$0
Electricity Delivery and Energy Reliability			
Electricity Delivery and Energy Reliability			
Research and Development	\$5,900	\$6,100	\$2,560
Total Electricity Delivery and Energy Reliability	\$5,900	\$6,100	\$2,560
Total Electricity Delivery and Energy Reliability	\$5,900	\$6,100	\$2,560
Nuclear Energy			
Generation IV Nuclear Energy Systems	<b>.</b>	•	•-
Generation IV Nuclear Energy Systems	\$3,564	\$1,855	\$0
Total Generation IV Nuclear Energy Systems	\$3,564	\$1,855	\$0
Fuel Cycle R & D	<b></b>	<b>*</b> · · ·	
Fuel Cycle R & D	\$17,941	\$25,110	\$46,198
Total Fuel Cycle R & D	\$17,941	\$25,110	\$46,198
Radiological Facilities Management Radiological Facilities Management	\$26,900	\$33,330	\$27,030
Total Radiological Facilities Management	\$26,900	\$33,330	\$27,030
Nuclear Hydrogen Initiative Nuclear Hydrogen Initiative	\$890	\$0	\$0
Total Nuclear Hydrogen Initiative	\$890	\$0	\$0
Nuclear Energy Enabling Technologies	φοσο	ΨΟ	ΨΟ
Nuclear Energy Enabling Technologies	\$0	\$0	\$5,210
Total Nuclear Energy Enabling Technologies	\$0	\$0	\$5,210
Reactors Concepts RD&D  Reactors Concepts RD&D	\$0	\$0	\$1,750
Total Reactors Concepts RD&D	\$0	\$0	\$1,750
International Nuclear Energy Cooperation	**	**	¥ 1,1 = 2
International Nuclear Energy Cooperation	\$0	\$0	\$450
Total International Nuclear Energy Cooperation	\$0	\$0	\$450
Total Nuclear Energy	\$49,295	\$60,295	\$80,638
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Biomass and Biorefinery Systems R&D	\$548	\$0	\$0
Wind Energy	\$7,586	\$11,253	\$9,494
Geothermal Technology	\$1,700	\$1,700	\$5,000

# Department Of Energy

FY 2011 Congressional Budget

#### State Table

(Dollars In Thousands)

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v Mexico	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Hydrogen Technology	\$22,891	\$23,660	\$0
Water Power	\$50	\$1,574	\$2,594
Solar Energy	\$19,828	\$28,572	\$27,693
Vehicle Technologies	\$15,397	\$11,461	\$12,000
Industrial Technologies	\$575	\$705	\$595
Federal Energy Management Program	\$220	\$100	\$323
Progam Support	\$1,120	\$2,475	\$4,575
Weatherization Assistance	\$3,224	\$1,506	\$2,190
State Energy Program Grants	\$215	\$214	\$343
Tribal Energy Activities	\$0	\$400	\$400
Hydrogen & Fuel Cell Technologies	\$0	\$0	\$20,100
Total Energy Efficiency and Renewable Energy	\$73,354	\$83,620	\$85,307
	\$73,354	\$83,620	\$85,307
Science	Ψ/ 0,004	ψου,υ2υ	φοσ,σσ <i>ι</i>
High Energy Physics			
High Energy Physics	\$4,305	\$936	\$969
Total High Energy Physics	\$4,305	\$936	\$969
Nuclear Physics			
Nuclear Physics	\$13,227	\$10,952	\$16,066
Total Nuclear Physics	\$13,227	\$10,952	\$16,066
Biological and Environmental Research Biological and Environmental Research	\$27,713	\$14,107	\$12,122
Total Biological and Environmental Research	•		
_	\$27,713	\$14,107	\$12,122
Basic Energy Sciences Basic Energy Sciences	\$68,838	\$56,206	\$56,885
Total Basic Energy Sciences	\$68,838	\$56,206	\$56,885
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$8,740	\$9,003	\$9,589
Total Fusion Energy Sciences Program	\$8,740	\$9,003	\$9,589
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$15,801	\$13,201	\$12,417
Total Advanced Scientific Computing Research	\$15,801	\$13,201	\$12,417
Workforce Development for Teachers and Scientists	. ,	. ,	. ,
Workforce Development for Teachers and Scientists	\$630	\$165	\$771
Total Workforce Development for Teachers and Scientists	\$630	\$165	\$77
Congressionally Directed Projects Congressionally Directed Projects	\$24,046	\$0	\$0
Total Congressionally Directed Projects	\$24,046	\$0	\$0

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#### State Table

(Dollars In Thousands)

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Mexico	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Veapons Activities Directed Stockpile Work Directed Stockpile Work	\$722,627	¢607.427	\$982,311
Total Directed Stockpile Work		\$697,437	
Science Campaign	\$722,627	\$697,437	\$982,311
Science Campaign	\$187,866	\$170,183	\$168,346
Total Science Campaign	\$187,866	\$170,183	\$168,346
Site Stewardship Site Stewardship	\$0	\$10,027	\$28,485
Total Site Stewardship	\$0	\$10,027	\$28,485
Engineering Campaign Engineering Campaign	\$108,480	\$106,852	\$100,900
Total Engineering Campaign	\$108,480	\$106,852	\$100,900
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$70,141	\$72,317	\$65,000
Total Inertial Confinement Fusion and High Yield Campaig	\$70,141	\$72,317	\$65,000
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$323,899	\$352,498	\$329,824
Total Advanced Simulation & Computing Campaign	\$323,899	\$352,498	\$329,824
Defense Nuclear Security Defense Nuclear Security	\$225,826	\$182,700	\$231,100
Total Defense Nuclear Security	\$225,826	\$182,700	\$231,100
Cyber Security Cyber Security	\$41,933	\$40,933	\$43,933
Total Cyber Security	\$41,933	\$40,933	\$43,933
Readiness Campaign Readiness Campaign	\$23,032	\$11,087	\$16,961
Total Readiness Campaign	\$23,032	\$11,087	\$16,961
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$618,466	\$593,243	\$726,607
Total Readiness in Technical Base and Facilities	\$618,466	\$593,243	\$726,607
Secure Transportation Asset Secure Transportation Asset	\$176,224	\$197,992	\$211,818
Total Secure Transportation Asset	\$176,224	\$197,992	\$211,818
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$90,165	\$97,362	\$102,725
Total Nuclear Couterterrorism Incident Response	\$90,165	\$97,362	\$102,725
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$45,161	\$27,002	\$23,861

State Table

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(Dollars In Thousands)

ew Mexico	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Facilities and Infrastructure Recapitalization Program	\$45,161	\$27,002	\$23,861
Environmental Projects and Operations Program Environmental Projects and Operations Program	\$6,981	\$0	\$0
Total Environmental Projects and Operations Program	\$6,981	\$0	\$0
Congressionally Directed Projects Congressionally Directed Projects	\$15,699	\$3,000	\$0
Total Congressionally Directed Projects	\$15,699	\$3,000	\$0
Science Technology and Engineering Capability Science Technology and Engineering Capability	\$19,500	\$0	\$11,975
Total Science Technology and Engineering Capability	\$19,500	\$0	\$11,975
Total Weapons Activities	\$2,676,000	\$2,562,633	\$3,043,846
Other Defense Activities  MOX Fuel Fabrication Facility			
MOX Fuel Fabrication Facility	\$1,000	\$0	\$0
Total MOX Fuel Fabrication Facility	\$1,000	\$0	\$0
Office of Legacy Management Legacy Management	\$0	\$0	\$80
Total Office of Legacy Management	\$0	\$0	\$80
Health Safety and Security Health Safety and Security (All other)	\$24,408	\$5,159	\$5,476
Total Health Safety and Security	\$24,408	\$5,159	\$5,476
Total Other Defense Activities	\$25,408	\$5,159	\$5,556
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$178,775	\$160,355	\$154,754
Total Nonproliferation and Verification R&D	\$178,775	\$160,355	\$154,754
Nonproliferation and International Security  Nonproliferation and International Security	\$56,807	\$68,156	\$59,053
Total Nonproliferation and International Security	\$56,807	\$68,156	\$59,053
Non Proliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Elimination of Weapons -Grade Plutonium Production P Fissile Materials Disposition	\$200,910 \$139,332 \$650	\$213,921 \$22,507 \$1,575	\$276,781 \$0 \$48,000
Total Non Proliferation Programs with Russia	\$340,892	\$238,003	\$324,781
Global Threat Reduction Initiative Global Threat Reduction Initiative	\$132,190	\$115,722	\$118,090
Total Global Threat Reduction Initiative	\$132,190	\$115,722	\$118,090
Congrssionally Directed Projects	¥ : ==, : <b>2 3</b>	<i>*</i> · · · · · · · · · · · · · · · · · · ·	,

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#### State Table

w Mexico	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Congressionally Directed Projects	\$1,903	\$250	\$0
Total Congressionally Directed Projects	\$1,903	\$250	\$0
Total Defense Nuclear Nonproliferation	\$710,567	\$582,486	\$656,678
Office of the Administrator Office of the Administrator Office of the Administrator	\$108,694	\$107,335	\$116,652
Total Office of the Administrator	\$108,694	\$107,335	\$116,652
Cogressionally Directed Projects Cogressionally Directed Projects	\$23,312	\$13,000	\$0
Total Cogressionally Directed Projects	\$23,312	\$13,000	\$0
Total Office of the Administrator	\$132,006	\$120,335	\$116,652
Departmental Administration Cost of Work for Others Cost of Work for Others	\$7,150	\$7,150	\$7,150
Total Cost of Work for Others	\$7,150	\$7,150	\$7,150
	\$7,150	\$7,150	\$7,150
Office of the Inspector General Office of the Inspector General		ΦE 406	
Office of the Inspector General  Total Office of the Inspector General	\$5,637	\$5,126	\$4,591
Total Office of the Inspector General	\$5,637	\$5,126	\$4,591
Total Office of the Inspector General  Western Area Power Admin. Const.,Rehab.,O&M  Systems Operation and Maintenance	\$5,637	\$5,126	\$4,591
Systems Operation and Maintenance	\$37	\$3	\$40
Total Systems Operation and Maintenance	\$37	\$3	\$40
Total Western Area Power Admin. Const.,Rehab.,O&M	\$37	\$3	\$40
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$28,807	\$30,659	\$23,066
Total Equipment, Contracts and Other Related Expenses	\$28,807	\$30,659	\$23,066
Program Direction Program Direction	\$579	\$630	\$685
Total Program Direction	\$579	\$630	\$685
Total Colorado River Basins Power Marketing Fund	\$29,386	\$31,289	\$23,751
Fossil Energy Research and Development Fuels and Other Power Systems	<del></del>	<del>+51,200</del>	Ţ_5,. 5 i
Carbon Sequestration	\$1,769	\$5,485	\$12,358

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## State Table

ew Mexico	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Advanced Research	\$270	\$0	\$0
Innovations for Existing Plants	\$2,000	\$2,000	\$0
Total Fuels and Other Power Systems	\$4,039	\$7,485	\$12,358
Natural Gas Technologies Natural Gas Technologies	\$610	\$227	\$0
Total Natural Gas Technologies	\$610	\$227	\$(
Total Fossil Energy Research and Development	\$4,649	\$7,712	\$12,358
Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal	\$47,000	\$40,000	\$0
Total Defense Nuclear Waste Disposal	\$47,000	\$40,000	\$(
Total Defense Nuclear Waste Disposal	\$47,000	\$40,000	\$(
Defense Environmental Cleanup Waste Isolation Pilot Plant Transportation	\$231,661	\$230,337	\$220,24
Total Waste Isolation Pilot Plant	\$231,661	\$230,337	\$220,24
Program Direction Program Direction	\$12,804	\$15,252	\$14,36
Total Program Direction	\$12,804	\$15,252	\$14,36
NNSA Sites NNSA Sites	\$227,177	\$202,302	\$200,000
Total NNSA Sites	\$227,177	\$202,302	\$200,00
Safeguards and Security Safeguards and Security	\$5,124	\$4,644	\$4,75
Total Safeguards and Security	\$5,124	\$4,644	\$4,75
Congressionally Directed Projects Congressionally Directed Projects	\$3,806	\$0	\$
Total Congressionally Directed Projects	\$3,806	\$0	\$
Total Defense Environmental Cleanup	\$480,572	\$452,535	\$439,36
Strategic Petroleum Reserve Storage Facilities Development SPR - Facilities Development	\$2,909	\$2,976	\$3,04
Total Storage Facilities Development	\$2,909	\$2,976	\$3,04
Total Strategic Petroleum Reserve	\$2,909	\$2,976	\$3,044
tal New Mexico	\$4,415,347	\$4,071,989	\$4,590,353

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#### State Table

(Dollars In Thousands)

ew York	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Non-Defense Environmental Cleanup Small Sites		•	•
Small Sites	\$73,933	\$73,074	\$71,935
Total Small Sites	\$73,933	\$73,074	\$71,935
Total Non-Defense Environmental Cleanup	\$73,933	\$73,074	\$71,935
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability Research and Development	\$350	\$350	\$0
Total Electricity Delivery and Energy Reliability	\$350	\$350	\$0
Total Electricity Delivery and Energy Reliability	\$350	\$350	\$0
Nuclear Energy Generation IV Nuclear Energy Systems Generation IV Nuclear Energy Systems	\$75	\$125	\$0
Total Generation IV Nuclear Energy Systems	\$75	\$125	\$0
Fuel Cycle R & D Fuel Cycle R & D	\$900	\$650	\$447
Total Fuel Cycle R & D	\$900	\$650	\$447
Nuclear Energy Enabling Technologies  Nuclear Energy Enabling Technologies	\$0	\$0	\$330
Total Nuclear Energy Enabling Technologies	\$0	\$0	\$330
Reactors Concepts RD&D Reactors Concepts RD&D	\$0	\$0	\$220
Total Reactors Concepts RD&D	\$0	\$0	\$220
Total Nuclear Energy	\$975	\$775	\$997
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Wind Energy	\$18	\$0	\$0
Hydrogen Technology	\$2,590	\$2,228	\$0
Solar Energy	\$470	\$470	\$470
Vehicle Technologies	\$1,490	\$1,250	\$1,200
Industrial Technologies	\$60	\$0	\$0
Progam Support	\$400	\$1,240	\$2,040
Weatherization Assistance	\$36,654	\$15,787	\$23,214
State Energy Program Grants Hydrogen & Fuel Cell Technologies	\$1,601 \$0	\$1,613 \$0	\$2,122 \$1,000
Total Energy Efficiency and Renewable Energy	\$43,283	\$22,588	\$30,046
Total Energy Efficiency and Renewable Energy	\$43,283	\$22,588	\$30,046

Science

High Energy Physics

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#### State Table

(Dollars In Thousands)

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w York	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
High Energy Physics	\$65,830	\$58,555	\$53,07°
Total High Energy Physics	\$65,830	\$58,555	\$53,07
Nuclear Physics Nuclear Physics	\$181,477	\$184,107	\$197,670
Total Nuclear Physics	\$181,477	\$184,107	\$197,670
Biological and Environmental Research Biological and Environmental Research	\$29,640	\$24,572	\$17,784
Total Biological and Environmental Research	\$29,640	\$24,572	\$17,784
Basic Energy Sciences Basic Energy Sciences	\$219,396	\$244,773	\$257,502
Total Basic Energy Sciences	\$219,396	\$244,773	\$257,502
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$7,297	\$7,504	\$6,955
Total Fusion Energy Sciences Program	\$7,297	\$7,504	\$6,955
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$14,882	\$44,387	\$15,000
Total Science Laboratories Infrastructure	\$14,882	\$44,387	\$15,000
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$5,115	\$4,966	\$1,636
Total Advanced Scientific Computing Research	\$5,115	\$4,966	\$1,636
Program Direction Program Direction	\$3,930	\$5,120	\$5,445
Total Program Direction	\$3,930	\$5,120	\$5,445
Safeguards and Security Safeguards and Security	\$11,824	\$11,632	\$11,955
Total Safeguards and Security	\$11,824	\$11,632	\$11,955
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$890	\$589	\$1,069
Total Workforce Development for Teachers and Scientists	\$890	\$589	\$1,069
Congressionally Directed Projects Congressionally Directed Projects	\$2,311	\$0	\$0
Total Congressionally Directed Projects	\$2,311	\$0	\$0
otal Science	\$542,592	\$586,205	\$568,087
eapons Activities			
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$55,370	\$59,939	\$62,477
Total Inertial Confinement Fusion and High Yield Campaig	\$55,370	\$59,939	\$62,477
Readiness in Technical Base and Facilities			

ressional Budget 6:34:40AM

#### State Table

(Dollars In Thousands)

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w York	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Readiness in Technical Base and Facilities	\$235	\$150	\$0
Total Readiness in Technical Base and Facilities	\$235	\$150	\$0
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$1,702	\$1,787	\$1,876
Total Nuclear Couterterrorism Incident Response	\$1,702	\$1,787	\$1,876
Total Weapons Activities	\$57,307	\$61,876	\$64,353
Other Defense Activities Health Safety and Security Health Safety and Security (All other)	\$184	\$160	\$250
Total Health Safety and Security	· ·	· · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · · · · ·	\$184	\$160	\$250
Total Other Defense Activities	\$184	\$160	\$250
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$2,221	\$1,916	\$1,849
Total Nonproliferation and Verification R&D	\$2,221	\$1,916	\$1,849
Nonproliferation and International Security Nonproliferation and International Security	\$3,919	\$5,868	\$4,074
Total Nonproliferation and International Security	\$3,919	\$5,868	\$4,074
Non Proliferation Programs with Russia International Nuclear Materials Protection & Cooperatio	\$30,601	\$18,169	\$31,699
Total Non Proliferation Programs with Russia	\$30,601	\$18,169	\$31,699
Global Threat Reduction Initiative Global Threat Reduction Initiative	\$457	\$460	\$543
Total Global Threat Reduction Initiative	\$457	\$460	\$543
Total Defense Nuclear Nonproliferation	\$37,198	\$26,413	\$38,16
Naval Reactors  Naval Reactors Development  Naval Reactors Development	\$302,800	\$391,800	\$434,900
Total Naval Reactors Development	\$302,800	\$391,800	\$434,900
Program Direction Program Direction	\$8,245	\$0	\$0
Total Program Direction	\$8,245	\$0	\$0
Total Naval Reactors	\$311,045	\$391,800	\$434,900
Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration Fuels	\$1,733 \$232	\$1,477 \$200	\$2,01! \$(

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#### State Table

New York	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Advanced Research Innovations for Existing Plants Advanced Turbines	\$518 \$4,768 \$8,772	\$0 \$3,135 \$0	\$0 \$592 \$9,650
Total Fuels and Other Power Systems	\$16,023	\$4,812	\$12,261
Natural Gas Technologies Natural Gas Technologies	\$690	\$91	\$0
Total Natural Gas Technologies	\$690	\$91	\$0
Total Fossil Energy Research and Development	\$16,713	\$4,903	\$12,261
Defense Environmental Cleanup NNSA Sites NNSA Sites	\$18,000	\$15,000	\$12,500
Total NNSA Sites	\$18,000	\$15,000	\$12,500
Safeguards and Security Safeguards and Security	\$2,800	\$1,859	\$1,926
Total Safeguards and Security	\$2,800	\$1,859	\$1,926
Total Defense Environmental Cleanup	\$20,800	\$16,859	\$14,426
Total New York	\$1,104,380	\$1,185,003	\$1,235,420

## Department Of Energy

FY 2011 Congressional Budget

#### State Table

(Dollars In Thousands)

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orth Carolina	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy		•	4
Weatherization Assistance	\$9,767	\$3,250	\$4,996
State Energy Program Grants	\$553	\$552	\$863
Total Energy Efficiency and Renewable Energy	\$10,320	\$3,802	\$5,859
Total Energy Efficiency and Renewable Energy	\$10,320	\$3,802	\$5,859
Science			
High Energy Physics			
High Energy Physics	\$1,560	\$1,376	\$1,752
Total High Energy Physics	\$1,560	\$1,376	\$1,752
Nuclear Physics			
Nuclear Physics	\$6,752	\$6,132	\$6,132
Total Nuclear Physics	\$6,752	\$6,132	\$6,132
Biological and Environmental Research Biological and Environmental Research	\$4,719	\$3,439	\$1,934
Total Biological and Environmental Research	\$4,719	\$3,439	\$1,934
Basic Energy Sciences	Ψ4,7 19	ψ5,459	Ψ1,934
Basic Energy Sciences	\$3,180	\$2,156	\$2,156
Total Basic Energy Sciences	\$3,180	\$2,156	\$2,156
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$74	\$74	\$74
Total Fusion Energy Sciences Program	\$74	\$74	\$74
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$1,128	\$981	\$215
Total Advanced Scientific Computing Research	\$1,128	\$981	\$215
Total Science	\$17,413	\$14,158	\$12,263
Southeastern Power Admin Operation & Maint.			
Purchase Power and Wheeling			
Purchase Power and Wheeling	\$1,358	\$1,398	\$2,057
Total Purchase Power and Wheeling	\$1,358	\$1,398	\$2,057
Total Southeastern Power Admin Operation & Maint.	\$1,358	\$1,398	\$2,057
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Fuels	\$2,355	\$0	\$0
Advanced Research	\$485	\$0	\$0
Innovations for Existing Plants	\$680	\$1,081	\$0
Advanced Integrated Gasification Combined Cycle	\$14,869	\$20,903	\$12,870
Total Fuels and Other Power Systems	\$18,389	\$21,984	\$12,870

State Table (Dollars In Thousands)

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North Carolina	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Fossil Energy Research and Development	\$18,389	\$21,984	\$12,870
Total North Carolina	\$47,480	\$41,342	\$33,049

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#### State Table

(Dollars In Thousands)

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orth Dakota	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$3,679	\$1,969	\$2,794
State Energy Program Grants	\$169	\$168	\$268
Total Energy Efficiency and Renewable Energy	\$3,848	\$2,137	\$3,062
Total Energy Efficiency and Renewable Energy	\$3,848	\$2,137	\$3,062
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$1,368	\$265	\$265
Total Basic Energy Sciences	\$1,368	\$265	\$265
Congressionally Directed Projects			
Congressionally Directed Projects	\$8,092	\$0	\$0
Total Congressionally Directed Projects	\$8,092	\$0	\$0
Total Science	\$9,460	\$265	\$265
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$105,656	\$89,566	\$87,955
Total Systems Operation and Maintenance	\$105,656	\$89,566	\$87,955
Program Direction			
Program Direction	\$7,503	\$8,754	\$9,596
Total Program Direction	\$7,503	\$8,754	\$9,596
Total Western Area Power Admin. Const.,Rehab.,O&M	\$113,159	\$98,320	\$97,551
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$10,536	\$10,368	\$10,215
Total Equipment, Contracts and Other Related Expenses	\$10,536	\$10,368	\$10,215
Program Direction			
Program Direction	\$145	\$157	\$171
Total Program Direction	\$145	\$157	\$171
Total Colorado River Basins Power Marketing Fund	\$10,681	\$10,525	\$10,386
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Carbon Sequestration	\$8,223	\$10,403	\$9,938
Innovations for Existing Plants	\$5,734	\$2,300	\$0
Advanced Integrated Gasification Combined Cycle	\$200	\$0	\$0
Total Fuels and Other Power Systems	\$14,157	\$12,703	\$9,938
Petroleum - Oil Technologies	, , , , , , , , , , , , , , , , , , , ,	. ,	, - ,
Oil Technology	\$269	\$0	\$0
<b>5</b> ,	+	T =	<b>*</b> •

State Table

(Dollars In Thousands)

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North Dakota	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Petroleum - Oil Technologies	\$269	\$0	\$0
Cooperative Research & Revelopment Cooperative Research & Development	\$2,405	\$2,475	\$0
Total Cooperative Research & Revelopment	\$2,405	\$2,475	\$0
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$252	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$252	\$0
Total Fossil Energy Research and Development	\$16,831	\$15,430	\$9,938
Total North Dakota	\$153,979	\$126,677	\$121,202

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#### State Table

Northern Mariana Isl	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Grants	\$197 \$112	\$156 \$111	\$202 \$187
Total Energy Efficiency and Renewable Energy	\$309	\$267	\$389
Total Energy Efficiency and Renewable Energy	\$309	\$267	\$389
Total Northern Mariana Isl	\$309	\$267	\$389

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#### State Table

(Dollars In Thousands)

io	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Non-Defense Environmental Cleanup			
Gaseous Diffusion Plants Gaseous Diffusion Plants	\$35,991	\$53,394	\$46,974
Total Gaseous Diffusion Plants	\$35,991	\$53,394	\$46,974
Closure Sites Closure Sites	\$1,100	\$1,200	\$0
Total Closure Sites	\$1,100	\$1,200	\$0
Total Non-Defense Environmental Cleanup	\$37,091	\$54,594	\$46,974
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance State Energy Program Grants	\$25,174 \$1,052	\$10,762 \$1,057	\$15,551 \$1,455
Total Energy Efficiency and Renewable Energy	\$26,226	\$11,819	\$17,006
Total Energy Efficiency and Renewable Energy	\$26,226	\$11,819	\$17,006
Uranium Enrichment Decon. & Decom. Fund Uranium Enrichment D&D Fund			
Uranium Enrichment D&D Fund	\$200,224	\$232,404	\$416,082
Total Uranium Enrichment D&D Fund	\$200,224	\$232,404	\$416,082
Total Uranium Enrichment Decon. & Decom. Fund	\$200,224	\$232,404	\$416,082
Science			
High Energy Physics High Energy Physics	\$3,275	\$2,980	\$3,282
Total High Energy Physics	\$3,275	\$2,980	\$3,282
Nuclear Physics Nuclear Physics	\$1,596	\$1,599	\$1,599
Total Nuclear Physics	\$1,596	\$1,599	\$1,599
Biological and Environmental Research Biological and Environmental Research	\$221	\$0	\$0
Total Biological and Environmental Research	\$221	\$0	\$0
Basic Energy Sciences Basic Energy Sciences	\$3,746	\$2,702	\$2,702
Total Basic Energy Sciences	\$3,746	\$2,702	\$2,702
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$1,146	\$1,355	\$452
Total Advanced Scientific Computing Research	\$1,146	\$1,355	\$452
Congressionally Directed Projects Congressionally Directed Projects	\$2,081	\$0	\$0
Total Congressionally Directed Projects	\$2,081	\$0	\$0

# Department Of Energy

FY 2011 Congressional Budget

#### State Table

(Dollars In Thousands)

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Phio	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Science	\$12,065	\$8,636	\$8,035
Other Defense Activities Office of Legacy Management Legacy Management	\$26,047	\$32,408	\$54,262
Total Office of Legacy Management	\$26,047	\$32,408	\$54,262
Health Safety and Security  Health Safety and Security (All other)	\$70	\$970	\$909
Total Health Safety and Security	\$70	\$970	\$909
Total Other Defense Activities	\$26,117	\$33,378	\$55,171
Fossil Energy Research and Development Fuels and Other Power Systems Fuel Cells Carbon Sequestration Fuels Advanced Research Innovations for Existing Plants Advanced Turbines	\$0 \$18,174 \$387 \$2,317 \$703 \$160	\$0 \$15,729 \$100 \$2,090 \$1,303 \$0	\$5,000 \$9,492 \$0 \$2,600 \$1,065
Total Fuels and Other Power Systems	•	<u> </u>	
Natural Gas Technologies  Natural Gas Technologies	\$21,741 \$215	\$19,222 \$496	\$18,157 \$0
Total Natural Gas Technologies	\$215	\$496	\$0
Petroleum - Oil Technologies Oil Technology	\$135	\$0	\$0
Total Petroleum - Oil Technologies	\$135	\$0	\$0
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$324	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$324	\$0
Total Fossil Energy Research and Development	\$22,091	\$20,042	\$18,157
Defense Environmental Cleanup Closure Sites Fernald Miamisburg	\$4,119 \$32,462	\$1,850 \$33,243	\$0 \$0
Total Closure Sites	\$36,581	\$35,093	\$0
Program Direction Program Direction	\$40,633	\$42,536	\$41,244
Total Program Direction	\$40,633	\$42,536	\$41,244
Safeguards and Security Safeguards and Security	\$4,500	\$17,509	\$15,979

## State Table

(Dollars In Thousands)

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Ohio	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Safeguards and Security	\$4,500	\$17,509	\$15,979
Congressionally Directed Projects Congressionally Directed Projects	\$4,757	\$0	\$0
Total Congressionally Directed Projects	\$4,757	\$0	\$0
Total Defense Environmental Cleanup	\$86,471	\$95,138	\$57,223
Total Ohio	\$410,285	\$456,011	\$618,648

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#### State Table

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klahoma	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			<u> </u>
Energy Efficiency and Renewable Energy Weatherization Assistance	\$5,150	\$2,029	\$2,985
State Energy Program Grants	\$345	\$344	\$532
Total Energy Efficiency and Renewable Energy	\$5,495	\$2,373	\$3,517
Total Energy Efficiency and Renewable Energy	\$5,495	\$2,373	\$3,517
Science			
High Energy Physics		•	•
High Energy Physics	\$1,480	\$1,104	\$1,027
Total High Energy Physics	\$1,480	\$1,104	\$1,027
Biological and Environmental Research Biological and Environmental Research	\$1,102	\$495	\$400
Total Biological and Environmental Research	\$1,102	\$495	\$400
Basic Energy Sciences	<b>,</b> , -	•	•
Basic Energy Sciences	\$1,916	\$673	\$673
Total Basic Energy Sciences	\$1,916	\$673	\$673
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$237	\$242	\$242
Total Fusion Energy Sciences Program	\$237	\$242	\$242
Congressionally Directed Projects	Ψ201	Ψ2.2	Ψ= :=
Congressionally Directed Projects	\$1,619	\$0	\$0
Total Congressionally Directed Projects	\$1,619	\$0	\$0
Total Science	\$6,354	\$2,514	\$2,342
Southwestern Power Admin Operation & Maint.			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$1,842	\$7,630	\$6,676
Total Systems Operation and Maintenance	\$1,842	\$7,630	\$6,676
SWPA Construction			
Construction	\$933	\$2,611	\$3,948
Total SWPA Construction	\$933	\$2,611	\$3,948
Program Direction			
Program Direction	\$15,431	\$16,868	\$15,455
Total Program Direction	\$15,431	\$16,868	\$15,455
Total Southwestern Power Admin Operation & Maint.	\$18,206	\$27,109	\$26,079
Fossil Energy Research and Development			
Fuels and Other Power Systems	<b>.</b>	<b>.</b> .	
Innovations for Existing Plants	\$352	\$0	\$0
Total Fuels and Other Power Systems	\$352	\$0	\$0

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#### State Table

klahoma	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Natural Gas Technologies Natural Gas Technologies	\$1,457	\$778	\$0
Total Natural Gas Technologies	\$1,457	\$778	\$0
Petroleum - Oil Technologies Oil Technology	\$1,842	\$0	\$0
Total Petroleum - Oil Technologies	\$1,842	\$0	\$0
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$15	\$0	\$0
Total Fossil Energy Environmental Restoration	\$15	\$0	\$0
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$1,102	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$1,102	\$0
Total Fossil Energy Research and Development	\$3,666	\$1,880	\$0
Strategic Petroleum Reserve Storage Facilities Development SPR - Facilities Development	\$939	\$982	\$1,255
Total Storage Facilities Development	\$939	\$982	\$1,255
Total Strategic Petroleum Reserve	\$939	\$982	\$1,255
otal Oklahoma	\$34,660	\$34,858	\$33,193

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#### State Table

Oregon	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance State Energy Program Grants	\$4,563 \$319	\$2,223 \$318	\$3,283 \$489
Total Energy Efficiency and Renewable Energy	\$4,882	\$2,541	\$3,772
Total Energy Efficiency and Renewable Energy	\$4,882	\$2,541	\$3,772
Science High Energy Physics High Energy Physics	\$2,067	\$1,981	\$768
Total High Energy Physics	\$2,067	\$1,981	\$768
Nuclear Physics Nuclear Physics	\$256	\$226	\$226
Total Nuclear Physics	\$256	\$226	\$226
Biological and Environmental Research Biological and Environmental Research	\$4,778	\$3,011	\$1,789
Total Biological and Environmental Research	\$4,778	\$3,011	\$1,789
Basic Energy Sciences Basic Energy Sciences	\$1,065	\$714	\$714
Total Basic Energy Sciences	\$1,065	\$714	\$714
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$1,743	\$604	\$450
Total Advanced Scientific Computing Research	\$1,743	\$604	\$450
Total Science	\$9,909	\$6,536	\$3,947
Fossil Energy Research and Development Fuels and Other Power Systems			
Advanced Research	\$1,224	\$350	\$1,100
Total Fuels and Other Power Systems	\$1,224	\$350	\$1,100
Natural Gas Technologies  Natural Gas Technologies	\$20	\$59	\$0
Total Natural Gas Technologies	\$20	\$59	\$0
Fossil Energy Environmental Restoration  Fossil Energy Environmental Restoration	\$3,100	\$1,500	\$1,545
Total Fossil Energy Environmental Restoration	\$3,100	\$1,500	\$1,545
Total Fossil Energy Research and Development	\$4,344	\$1,909	\$2,645
otal Oregon	\$19,135	\$10,986	\$10,364

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#### State Table

nnsylvania	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	<b>^</b>	<b></b>	<b>.</b>
Weatherization Assistance	\$25,401	\$11,520	\$16,799
State Energy Program Grants	\$1,069	\$1,074	\$1,483
Total Energy Efficiency and Renewable Energy	\$26,470	\$12,594	\$18,282
Total Energy Efficiency and Renewable Energy	\$26,470	\$12,594	\$18,282
Science			
High Energy Physics			
High Energy Physics	\$6,059	\$5,646	\$6,054
Total High Energy Physics	\$6,059	\$5,646	\$6,054
Nuclear Physics			
Nuclear Physics	\$2,240	\$2,300	\$2,300
Total Nuclear Physics	\$2,240	\$2,300	\$2,300
Biological and Environmental Research			
Biological and Environmental Research	\$4,211	\$1,683	\$989
Total Biological and Environmental Research	\$4,211	\$1,683	\$989
Basic Energy Sciences			
Basic Energy Sciences	\$13,401	\$8,357	\$8,357
Total Basic Energy Sciences	\$13,401	\$8,357	\$8,357
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$867	\$726	\$793
Total Fusion Energy Sciences Program	\$867	\$726	\$793
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$2,217	\$1,991	\$716
Total Advanced Scientific Computing Research	\$2,217	\$1,991	\$716
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$782	\$586	\$1,150
Total Workforce Development for Teachers and Scientists	\$782	\$586	\$1,150
Congressionally Directed Projects			
Congressionally Directed Projects	\$1,387	\$0	\$0
Total Congressionally Directed Projects	\$1,387	\$0	\$0
Total Science	\$31,164	\$21,289	\$20,359
Other Defense Activities			
Health Safety and Security			
Health Safety and Security (All other)	\$394	\$0	\$0
Total Health Safety and Security	\$394	\$0	\$0
Total Other Defense Activities	\$394	\$0	\$0
Naval Reactors	ψου τ	Ψ	ΨΟ

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FY 2010

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FY 2011

#### State Table

(Dollars In Thousands)

FY 2009

\$345

\$345

\$1,615

\$1,615

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\$1,615

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\$1,615

\$1,615

F1 2009	F1 2010	FT ZUII
Appropriation	Appropriation	Reques
\$418,700	\$434,400	\$498,900
\$418,700	\$434,400	\$498,900
\$10,905	\$0	\$0
\$10,905	\$0	\$0
\$429,605	\$434,400	\$498,900
\$1,599	\$3,105	\$2,922
\$1,599	\$3,105	\$2,922
\$1,599	\$3,105	\$2,922
\$3,937	\$5,453	\$5,453
\$3,937	\$5,453	\$5,453
\$3,937	\$5,453	\$5,453
·		\$5,000
		\$2,934
		\$1,462
· ·		\$750
		\$8,422
\$20,287	\$9,594	\$10,000
\$36,728	\$36,824	\$28,568
\$246	\$179	\$0
\$246	\$179	\$0
_	_	
	\$418,700 \$418,700 \$10,905 \$10,905 \$10,905 \$429,605 \$1,599 \$1,599 \$1,599 \$3,937 \$3,937 \$3,937 \$3,937 \$3,937 \$3,937 \$3,273 \$2,308 \$928 \$9,932 \$20,287 \$36,728	Appropriation         Appropriation           \$418,700         \$434,400           \$10,905         \$0           \$10,905         \$0           \$429,605         \$434,400           \$1,599         \$3,105           \$1,599         \$3,105           \$1,599         \$3,105           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$5,453           \$3,937         \$3,350           \$2,308         \$2,468           \$9,932         \$9,777           \$20,287         \$9,594           \$36,728         \$36,824           \$246         \$179

Oil Technology

Total Petroleum - Oil Technologies

Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration

Total Fossil Energy Environmental Restoration

Total Unconventional Fossil Energy Technologies

Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies

State Table (Dollars In Thousands)

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Pennsylvania	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Fossil Energy Research and Development	\$38,934	\$39,293	\$30,183
Defense Environmental Cleanup Congressionally Directed Projects Congressionally Directed Projects	\$2,854	\$0	\$0
Total Congressionally Directed Projects	\$2,854	\$0	\$0
Total Defense Environmental Cleanup	\$2,854	\$0	\$0
Total Pennsylvania	\$534,957	\$516,134	\$576,099

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#### State Table

Puerto Rico	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	_		
Weatherization Assistance	\$453	\$647	\$784
State Energy Program Grants	\$316	\$316	\$467
Total Energy Efficiency and Renewable Energy	\$769	\$963	\$1,251
Total Energy Efficiency and Renewable Energy	\$769	\$963	\$1,251
Science			
High Energy Physics			
High Energy Physics	\$230	\$225	\$220
Total High Energy Physics	\$230	\$225	\$220
Basic Energy Sciences			
Basic Energy Sciences	\$440	\$470	\$20
Total Basic Energy Sciences	\$440	\$470	\$20
Total Science	\$670	\$695	\$240
Fotal Puerto Rico	\$1,439	\$1,658	\$1,491

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#### State Table

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hode Island	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$2,023	\$916	\$1,313
State Energy Program Grants	\$195	\$195	\$293
Total Energy Efficiency and Renewable Energy	\$2,218	\$1,111	\$1,606
Total Energy Efficiency and Renewable Energy	\$2,218	\$1,111	\$1,606
Science			
High Energy Physics			
High Energy Physics	\$2,055	\$1,477	\$2,018
Total High Energy Physics	\$2,055	\$1,477	\$2,018
Biological and Environmental Research			
Biological and Environmental Research	\$208	\$131	\$136
Total Biological and Environmental Research	\$208	\$131	\$136
Basic Energy Sciences			
Basic Energy Sciences	\$1,267	\$553	\$553
Total Basic Energy Sciences	\$1,267	\$553	\$553
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$997	\$407	\$100
Total Advanced Scientific Computing Research	\$997	\$407	\$100
Congressionally Directed Projects			
Congressionally Directed Projects	\$1,850	\$0	\$0
Total Congressionally Directed Projects	\$1,850	\$0	\$0
Total Science	\$6,377	\$2,568	\$2,807
tal Rhode Island	\$8,595	\$3,679	\$4,413

## Department Of Energy

FY 2011 Congressional Budget 6:34:40AM

#### State Table

(Dollars In Thousands)

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uth Carolina	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Nuclear Energy			
Generation IV Nuclear Energy Systems		•	<b>.</b> .
Generation IV Nuclear Energy Systems	\$0	\$160	\$0
Total Generation IV Nuclear Energy Systems	\$0	\$160	\$0
Fuel Cycle R & D			
Fuel Cycle R & D	\$2,100	\$4,290	\$7,900
Total Fuel Cycle R & D	\$2,100	\$4,290	\$7,900
Nuclear Hydrogen Initiative			
Nuclear Hydrogen Initiative	\$1,188	\$0	\$0
Total Nuclear Hydrogen Initiative	\$1,188	\$0	\$0
Nuclear Energy Enabling Technologies	<b>,</b> ,	* -	•
Nuclear Energy Enabling Technologies	\$0	\$0	\$330
Total Nuclear Energy Enabling Technologies	\$0	\$0	\$330
T. (1) 5	<u> </u>	<u> </u>	
Total Nuclear Energy	\$3,288	\$4,450	\$8,230
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	<b>0450</b>	<b>045</b>	<b>0</b> 40
Wind Energy	\$150 \$2.750	\$15	\$13
Hydrogen Technology	\$3,750	\$3,592	\$0.400
Weatherization Assistance	\$4,242	\$1,389	\$2,100
State Energy Program Grants	\$333	\$332	\$537
Hydrogen & Fuel Cell Technologies	\$0	\$0	\$2,300
Total Energy Efficiency and Renewable Energy	\$8,475	\$5,328	\$4,950
Total Energy Efficiency and Renewable Energy	\$8,475	\$5,328	\$4,950
Science			
High Energy Physics			
High Energy Physics	\$607	\$559	\$611
Total High Energy Physics	\$607	\$559	\$611
Nuclear Physics	*	*****	• -
Nuclear Physics	\$100	\$100	\$100
Total Nuclear Physics	\$100	\$100	\$100
Biological and Environmental Research	Ψ.00	Ψ.00	ψ.σσ
Biological and Environmental Research	\$1,121	\$495	\$0
Total Biological and Environmental Research	\$1,121	\$495	\$0
Basic Energy Sciences	<b>V</b> .,.=.	ψ.00	Ų.
Basic Energy Sciences	\$5,625	\$908	\$908
Total Basic Energy Sciences	\$5,625	\$908	\$908
Fusion Energy Sciences Program	, - , - <del></del>	¥	,
Fusion Energy Sciences Program	\$50	\$0	\$0

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#### State Table

(Dollars In Thousands)

South Carolina	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Fusion Energy Sciences Program	\$50	\$0	\$0
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$0	\$75	\$75
Total Workforce Development for Teachers and Scientists	\$0	\$75	\$75
Congressionally Directed Projects Congressionally Directed Projects	\$1,757	\$0	\$0
Total Congressionally Directed Projects	\$1,757	\$0	\$0
Total Science	\$9,260	\$2,137	\$1,694
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$119,095	\$40,560	\$43,164
Total Directed Stockpile Work	\$119,095	\$40,560	\$43,164
Site Stewardship Site Stewardship	\$0	\$0	\$1,130
Total Site Stewardship	\$0	\$0	\$1,130
Engineering Campaign Engineering Campaign	\$2,966	\$2,460	\$1,886
Total Engineering Campaign	\$2,966	\$2,460	\$1,886
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$50	\$75	\$0
Total Advanced Simulation & Computing Campaign	\$50	\$75	\$0
Defense Nuclear Security Defense Nuclear Security	\$12,420	\$12,668	\$8,500
Total Defense Nuclear Security	\$12,420	\$12,668	\$8,500
Cyber Security Cyber Security	\$3,835	\$5,335	\$5,835
Total Cyber Security	\$3,835	\$5,335	\$5,835
Readiness Campaign Readiness Campaign	\$28,512	\$30,160	\$30,753
Total Readiness Campaign	\$28,512	\$30,160	\$30,753
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$104,569	\$177,639	\$99,496
Total Readiness in Technical Base and Facilities	\$104,569	\$177,639	\$99,496
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$2,332	\$2,449	\$2,571
Total Nuclear Couterterrorism Incident Response	\$2,332	\$2,449	\$2,571
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$600	\$2,434	\$1,516

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### State Table

\$600 \$274,379 \$483,604 \$483,604	\$2,434 \$273,780 \$0	\$1,510 \$194,85
\$483,604		\$194,85
	\$0	
	\$0	
	\$0	
\$483,604		\$0
	\$0	\$0
\$5,369	\$3,030	\$1,021
\$5,369	\$3,030	\$1,021
\$488,973	\$3,030	\$1,021
\$17,414	\$15,026	\$14,501
\$17,414	\$15,026	\$14,501
\$4,596	\$5,123	\$4,778
\$4,596	\$5,123	\$4,778
		\$354
\$850	\$664,634	\$848,728
\$1,852	\$665,655	\$849,082
\$10,455	\$9,375	\$42,364
\$10,455	\$9,375	\$42,364
\$34,317	\$695,179	\$910,725
\$6,193	\$5,267	\$6,194
\$6,193	\$5,267	\$6,194
\$6,193	\$5,267	\$6,194
\$22,570	\$21,570	\$22,570
\$22,570	\$21,570	\$22,570
\$22,570	\$21,570	\$22,570
	\$5,369 \$488,973 \$17,414 \$17,414 \$4,596 \$4,596 \$1,002 \$850 \$1,852 \$10,455 \$10,455 \$34,317 \$6,193 \$6,193 \$6,193 \$22,570 \$22,570	\$5,369 \$3,030 \$488,973 \$3,030 \$17,414 \$15,026 \$17,414 \$15,026 \$4,596 \$5,123 \$4,596 \$5,123 \$1,002 \$1,021 \$850 \$664,634 \$1,852 \$665,655 \$10,455 \$9,375 \$10,455 \$9,375 \$10,455 \$9,375 \$34,317 \$695,179 \$6,193 \$5,267 \$6,193 \$5,267 \$6,193 \$5,267 \$6,193 \$5,267 \$6,193 \$5,267

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#### State Table

outh Carolina	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Office of the Inspector General	\$1,732	\$2,017	\$1,810
Total Office of the Inspector General	\$1,732	\$2,017	\$1,810
Total Office of the Inspector General	\$1,732	\$2,017	\$1,810
Southeastern Power Admin Operation & Maint.			
Purchase Power and Wheeling	<b>0.100</b>	Фооо	<b>#</b> 204
Purchase Power and Wheeling	\$198	\$223	\$221
Total Purchase Power and Wheeling	\$198	\$223	\$221
Total Southeastern Power Admin Operation & Maint.	\$198	\$223	\$221
Fossil Energy Research and Development			
Fuels and Other Power Systems		•	•
Carbon Sequestration	\$139	\$0	\$0
Total Fuels and Other Power Systems	\$139	\$0	\$0
Natural Gas Technologies			
Natural Gas Technologies	\$262	\$123	\$0
Total Natural Gas Technologies	\$262	\$123	\$0
Total Fossil Energy Research and Development	\$401	\$123	\$0
Defense Environmental Cleanup			
Savannah River Sites			
2035 Accelerated Completions	\$129,626	\$57,068	\$0
Tank Farm Activities	\$731,774	\$761,256	\$0
Nuclear Material Stabilization and Disposition	\$361,343	\$391,625	\$0
Cleanup and Waste Disposition	\$0	\$0 \$0	\$18,330
Site Risk Management Operations	\$0	\$0	\$1,199,469
Total Savannah River Sites	\$1,222,743	\$1,209,949	\$1,217,799
Program Direction			
Program Direction	\$49,229	\$55,069	\$54,463
Total Program Direction	\$49,229	\$55,069	\$54,463
Safeguards and Security			
Safeguards and Security	\$138,736	\$132,064	\$132,064
Total Safeguards and Security	\$138,736	\$132,064	\$132,064
Total Defense Environmental Cleanup	\$1,410,708	\$1,397,082	\$1,404,326
otal South Carolina	\$2,260,494	\$2,410,186	\$2,556,592

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#### State Table

outh Dakota	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	<b>#</b> 0.000	<b>0.1 -1.0</b>	40.400
Weatherization Assistance	\$3,020	\$1,513	\$2,139
State Energy Program Grants	\$165	\$164	\$261
Total Energy Efficiency and Renewable Energy	\$3,185	\$1,677	\$2,400
Total Energy Efficiency and Renewable Energy	\$3,185	\$1,677	\$2,400
Science			
Basic Energy Sciences			
Basic Energy Sciences	\$15	\$15	\$15
Total Basic Energy Sciences	\$15	\$15	\$15
Total Science	\$15	\$15	\$15
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$17,087	\$15,368	\$15,818
Total Systems Operation and Maintenance	\$17,087	\$15,368	\$15,818
Program Direction			
Program Direction	\$21,255	\$24,900	\$27,388
Total Program Direction	\$21,255	\$24,900	\$27,388
Total Western Area Power Admin. Const., Rehab., O&M	\$38,342	\$40,268	\$43,206
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$871	\$857	\$844
Total Equipment, Contracts and Other Related Expenses	\$871	\$857	\$844
Total Colorado River Basins Power Marketing Fund	\$871	\$857	\$844
otal South Dakota	\$42,413	\$42,817	\$46,465

## Department Of Energy

FY 2011 Congressional Budget

#### State Table

(Dollars In Thousands)

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Tennessee	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability Research and Development Permitting Siting and Analysis	\$21,564 \$100	\$13,525 \$0	\$6,090 \$159
Congressionally Directed Projects	\$476	\$0 \$0	\$139
Total Electricity Delivery and Energy Reliability	\$22,140	\$13,525	\$6,249
Total Electricity Delivery and Energy Reliability	\$22,140	\$13,525	\$6,249
Nuclear Energy Generation IV Nuclear Energy Systems Generation IV Nuclear Energy Systems	\$6,774	\$8,283	\$0
Total Generation IV Nuclear Energy Systems	\$6,774	\$8,283	\$0
Fuel Cycle R & D Fuel Cycle R & D	\$11,025	\$10,365	\$11,902
Total Fuel Cycle R & D	\$11,025	\$10,365	\$11,902
Radiological Facilities Management Radiological Facilities Management	\$18,085	\$15,160	\$5,160
Total Radiological Facilities Management	\$18,085	\$15,160	\$5,160
Program Direction-NE Program Direction-NE	\$1,290	\$1,353	\$1,620
Total Program Direction-NE	\$1,290	\$1,353	\$1,620
Nuclear Energy Enabling Technologies Nuclear Energy Enabling Technologies	\$0	\$0	\$11,490
Total Nuclear Energy Enabling Technologies	\$0	\$0	\$11,490
Reactors Concepts RD&D Reactors Concepts RD&D	\$0	\$0	\$15,656
Total Reactors Concepts RD&D	\$0	\$0	\$15,656
International Nuclear Energy Cooperation International Nuclear Energy Cooperation	\$0	\$0	\$400
Total International Nuclear Energy Cooperation	\$0	\$0	\$400
Total Nuclear Energy	\$37,174	\$35,161	\$46,228
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Biomass and Biorefinery Systems R&D	\$5,965 \$1,082	\$5,745 \$1,653	\$5,745 \$1,395
Wind Energy Geothermal Technology	\$300	\$1,653 \$0	\$1,393 \$0
Hydrogen Technology	\$5,822	\$5,302	\$0
Water Power	\$550	\$1,906	\$1,963
Solar Energy	\$276	\$200	\$100
Vehicle Technologies	\$45,195	\$49,446	\$52,000
Building Technologies	\$10,002	\$16,731	\$9,002

## Department Of Energy

### FY 2011 Congressional Budget

#### State Table

(Dollars In Thousands)

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nnessee	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
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Industrial Technologies	\$20,896	\$16,318 \$4,013	\$13,841
Federal Energy Management Program	\$2,860 \$40	\$4,013 \$1,692	\$4,572 \$3,350
Progam Support Weatherization Assistance	\$10,873	\$3,878	\$5,330 \$5,617
	\$8,467	ъз,676 \$892	
State Energy Program Grants Hydrogen & Fuel Cell Technologies	\$0,467 \$0	\$092 \$0	\$1,696 \$5,400
Total Energy Efficiency and Renewable Energy	•	•	
Total Energy Eniciency and Neriewable Energy	\$112,328	\$107,776	\$104,681
Total Energy Efficiency and Renewable Energy	\$112,328	\$107,776	\$104,681
Uranium Enrichment Decon. & Decom. Fund			
Uranium Enrichment D&D Fund			
Uranium Enrichment D&D Fund	\$208,833	\$225,000	\$230,402
Total Uranium Enrichment D&D Fund	\$208,833	\$225,000	\$230,402
Total Uranium Enrichment Decon. & Decom. Fund	\$208,833	\$225,000	\$230,402
Science			
High Energy Physics			
High Energy Physics	\$2,099	\$1,333	\$1,149
Total High Energy Physics	\$2,099	\$1,333	\$1,149
Nuclear Physics			
Nuclear Physics	\$32,512	\$29,182	\$47,236
Total Nuclear Physics	\$32,512	\$29,182	\$47,236
Biological and Environmental Research			
Biological and Environmental Research	\$77,982	\$71,684	\$63,512
Total Biological and Environmental Research	\$77,982	\$71,684	\$63,512
Basic Energy Sciences			
Basic Energy Sciences	\$333,627	\$331,169	\$332,915
Total Basic Energy Sciences	\$333,627	\$331,169	\$332,915
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$144,413	\$153,499	\$98,972
Total Fusion Energy Sciences Program	\$144,413	\$153,499	\$98,972
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$32,682	\$5,214	\$5,260
Total Science Laboratories Infrastructure	\$32,682	\$5,214	\$5,260
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$106,765	\$93,160	\$105,440
Total Advanced Scientific Computing Research	\$106,765	\$93,160	\$105,440
Program Direction			
Program Direction	\$57,201	\$51,107	\$55,677
Total Program Direction	\$57,201	\$51,107	\$55,677
-	Ψο.,201	431,101	<b>430,077</b>

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#### State Table

ennessee	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Safeguards and Security Safeguards and Security	\$30,561	\$30,368	\$31,214
Total Safeguards and Security	\$30,561	\$30,368	\$31,214
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$3,923	\$2,668	\$18,024
Total Workforce Development for Teachers and Scientists	\$3,923	\$2,668	\$18,024
Total Science	\$821,765	\$769,384	\$759,399
Weapons Activities Directed Stockpile Work Directed Stockpile Work	\$173,411	\$212,155	\$223,298
Total Directed Stockpile Work	\$173,411	\$212,155	\$223,298
Science Campaign Science Campaign	\$594	\$125	\$123
Total Science Campaign	\$594	\$125	\$123
Site Stewardship Site Stewardship	\$0	\$7,000	\$12,000
Total Site Stewardship	\$0	\$7,000	\$12,000
Engineering Campaign Engineering Campaign	\$3,986	\$3,347	\$3,500
Total Engineering Campaign	\$3,986	\$3,347	\$3,500
Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign	\$126	\$250	\$0
Total Inertial Confinement Fusion and High Yield Campaig	\$126	\$250	\$0
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$819	\$1,207	\$1,052
Total Advanced Simulation & Computing Campaign	\$819	\$1,207	\$1,052
Defense Nuclear Security Defense Nuclear Security	\$162,980	\$211,000	\$148,000
Total Defense Nuclear Security	\$162,980	\$211,000	\$148,000
Cyber Security Cyber Security	\$8,092	\$8,235	\$8,235
Total Cyber Security	\$8,092	\$8,235	\$8,235
Readiness Campaign Readiness Campaign	\$20,809	\$5,019	\$11,781
Total Readiness Campaign	\$20,809	\$5,019	\$11,781
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$425,370	\$409,675	\$409,692
Total Readiness in Technical Base and Facilities	\$425,370	\$409,675	\$409,692

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#### State Table

(Dollars In Thousands)

ennessee	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Secure Transportation Asset Secure Transportation Asset	\$3,171	\$3,350	\$3,278
Total Secure Transportation Asset	\$3,171	\$3,350	\$3,278
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$15,944	\$17,830	\$17,671
Total Nuclear Couterterrorism Incident Response	\$15,944	\$17,830	\$17,671
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$42,905	\$20,722	\$21,069
Total Facilities and Infrastructure Recapitalization Program	\$42,905	\$20,722	\$21,069
Congressionally Directed Projects Congressionally Directed Projects	\$952	\$0	\$0
Total Congressionally Directed Projects	\$952	\$0	\$0
Total Weapons Activities	\$859,159	\$899,915	\$859,699
Other Defense Activities  MOX Fuel Fabrication Facility			
MOX Fuel Fabrication Facility	\$2,404	\$0	\$0
Total MOX Fuel Fabrication Facility	\$2,404	\$0	\$0
Health Safety and Security  Health Safety and Security (All other)	\$14,836	\$12,445	\$8,794
Total Health Safety and Security	\$14,836	\$12,445	\$8,794
Total Other Defense Activities	\$17,240	\$12,445	\$8,794
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$28,308	\$24,236	\$23,390
Total Nonproliferation and Verification R&D			
Nonproliferation and International Security  Nonproliferation and International Security	\$28,308 \$22,094	\$24,236 \$27,127	\$23,390 \$22,967
Total Nonproliferation and International Security	\$22,094	\$27,127	\$22,967
Non Proliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Fissile Materials Disposition	\$113,140 \$38,674	\$123,007 \$34,691	\$116,386 \$130,985
Total Non Proliferation Programs with Russia	\$151,814	\$157,698	\$247,371
Global Threat Reduction Initiative Global Threat Reduction Initiative	\$27,554	\$24,200	\$56,323
Total Global Threat Reduction Initiative	\$27,554	\$24,200	\$56,323
Total Defense Nuclear Nonproliferation	\$229,770	\$233,261	\$350,051

Office of the Administrator Office of the Administrator

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#### State Table

nnessee	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Office of the Administrator	\$14,972	\$14,712	\$16,022
Total Office of the Administrator	\$14,972	\$14,712	\$16,022
Total Office of the Administrator	\$14,972	\$14,712	\$16,022
Departmental Administration Cost of Work for Others	040.005	040.005	<b>\$40.00</b> 5
Cost of Work for Others	\$10,005	\$10,005	\$10,005
Total Cost of Work for Others	\$10,005	\$10,005	\$10,005
Total Departmental Administration	\$10,005	\$10,005	\$10,005
Office of the Inspector General Office of the Inspector General Office of the Inspector General	\$5,060	\$5,433	\$4,871
Total Office of the Inspector General	\$5,060	\$5,433	\$4,871
<u> </u>			
Total Office of the Inspector General  Fossil Energy Research and Development  Fuels and Other Power Systems	\$5,060	\$5,433	\$4,871
Fuels	\$50	\$50	\$0
Advanced Research Advanced Turbines	\$2,725 \$300	\$2,975 \$486	\$1,175 \$500
Total Fuels and Other Power Systems	\$3,075	\$3,511	\$300 \$1,675
Natural Gas Technologies Natural Gas Technologies	\$275	\$150	\$0
Total Natural Gas Technologies	\$275	\$150	\$0
Total Fossil Energy Research and Development	\$3,350	\$3,661	\$1,675
Defense Environmental Cleanup Oak Ridge Reservation			, ,
Soil and Water Remediation - Offsites	\$262,835	\$178,768	\$202,298
Total Oak Ridge Reservation	\$262,835	\$178,768	\$202,298
Program Direction Program Direction	\$16,758	\$17,936	\$16,610
Total Program Direction	\$16,758	\$17,936	\$16,610
Safeguards and Security Safeguards and Security	\$27,020	\$32,400	\$17,300
Total Safeguards and Security	\$27,020	\$32,400	\$17,300
Total Defense Environmental Cleanup	\$306,613	\$229,104	\$236,208
Strategic Petroleum Reserve Management for SPR Operations Management	\$375	\$361	\$375

State Table (Dollars In Thousands)

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Tennessee	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Management for SPR Operations	\$375	\$361	\$375
Total Strategic Petroleum Reserve	\$375	\$361	\$375
Total Tennessee	\$2.648.784	\$2,559,743	\$2.634.659

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#### State Table

(Dollars In Thousands)

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exas	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	<b>640.704</b>	<b>#4.004</b>	<b>Ф</b> 7 700
Weatherization Assistance State Energy Program Grants	\$19,794 \$1,296	\$4,294 \$1,287	\$7,788 \$2,166
Total Energy Efficiency and Renewable Energy			
Total Energy Emiciency and Neriewable Energy	\$21,090	\$5,581	\$9,954
Total Energy Efficiency and Renewable Energy	\$21,090	\$5,581	\$9,954
Science			
High Energy Physics	<b>\$7.005</b>	<b>#0.050</b>	<b>#0.000</b>
High Energy Physics	\$7,235	\$6,058	\$6,080
Total High Energy Physics	\$7,235	\$6,058	\$6,080
Nuclear Physics Nuclear Physics	\$5,174	\$4,464	\$4,464
Total Nuclear Physics	\$5,174	\$4,464	\$4,464
Biological and Environmental Research			
Biological and Environmental Research	\$2,716	\$2,281	\$1,596
Total Biological and Environmental Research	\$2,716	\$2,281	\$1,596
Basic Energy Sciences Basic Energy Sciences	\$10,202	\$9,302	\$9,302
Total Basic Energy Sciences	\$10,202	\$9,302	\$9,302
Fusion Energy Sciences Program	Ψ:0,202	Ψ0,00=	Ψ0,00=
Fusion Energy Sciences Program	\$5,581	\$5,282	\$5,482
Total Fusion Energy Sciences Program	\$5,581	\$5,282	\$5,482
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$4,698	\$4,205	\$3,014
Total Advanced Scientific Computing Research	\$4,698	\$4,205	\$3,014
Congressionally Directed Projects			
Congressionally Directed Projects	\$1,976	\$0	\$0
Total Congressionally Directed Projects	\$1,976	\$0	\$0
Total Science	\$37,582	\$31,592	\$29,938
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$178,144	\$177,382	\$188,981
Total Directed Stockpile Work	\$178,144	\$177,382	\$188,981
Site Stewardship			
Site Stewardship	\$0	\$8,328	\$12,345
Total Site Stewardship	\$0	\$8,328	\$12,345
Engineering Campaign	_	_	_
Engineering Campaign	\$2,589	\$3,350	\$3,300

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#### State Table

xas	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Engineering Campaign	\$2,589	\$3,350	\$3,300
Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign	\$100	\$165	\$0
Total Advanced Simulation & Computing Campaign	\$100	\$165	\$0
Defense Nuclear Security Defense Nuclear Security	\$125,397	\$135,595	\$133,000
Total Defense Nuclear Security	\$125,397	\$135,595	\$133,000
Cyber Security Cyber Security	\$7,081	\$7,081	\$7,081
Total Cyber Security	\$7,081	\$7,081	\$7,081
Readiness Campaign Readiness Campaign	\$5,133	\$4,158	\$2,994
Total Readiness Campaign	\$5,133	\$4,158	\$2,994
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$176,395	\$179,793	\$167,601
Total Readiness in Technical Base and Facilities	\$176,395	\$179,793	\$167,601
Secure Transportation Asset Secure Transportation Asset	\$5,276	\$5,622	\$5,502
Total Secure Transportation Asset	\$5,276	\$5,622	\$5,502
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$935	\$982	\$1,031
Total Nuclear Couterterrorism Incident Response	\$935	\$982	\$1,031
Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program	\$17,827	\$12,017	\$10,482
Total Facilities and Infrastructure Recapitalization Program	\$17,827	\$12,017	\$10,482
Environmental Projects and Operations Program Environmental Projects and Operations Program	\$7,473	\$0	\$0
Total Environmental Projects and Operations Program	\$7,473	\$0	\$0
Total Weapons Activities	\$526,350	\$534,473	\$532,317
Other Defense Activities  Health Safety and Security			
Health Safety and Security (All other)	\$10	\$10	\$605
Total Health Safety and Security	\$10	\$10	\$605
Total Other Defense Activities	\$10	\$10	\$605
Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D	\$35	\$30	\$29

State Table

(Dollars In Thousands)

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exas	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Nonproliferation and Verification R&D	\$35	\$30	\$29
Nonproliferation and International Security  Nonproliferation and International Security	\$182	\$203	\$189
Total Nonproliferation and International Security	\$182	\$203	\$189
Total Defense Nuclear Nonproliferation	\$217	\$233	\$218
Office of the Administrator Office of the Administrator Office of the Administrator	\$12,813	\$12,902	\$14,396
Total Office of the Administrator	\$12,813	\$12,902	\$14,396
Total Office of the Administrator	\$12,813	\$12,902	\$14,396
Falcon & Amistad - Operating & Maintenance Fund Falcon & Amistad Operating and Maintenance Fund Falcon & Amistad - Operating and Maintenance	\$2,957	\$2,566	\$3,712
Total Falcon & Amistad Operating and Maintenance Fund	\$2,957	\$2,566	\$3,712
Total Falcon & Amistad - Operating & Maintenance Fund Fossil Energy Research and Development Fuels and Other Power Systems	\$2,957	\$2,566	\$3,712
Carbon Sequestration Fuels Innovations for Existing Plants	\$3,443 \$2,239 \$331	\$652 \$0 \$0	\$1,701 \$0 \$0
Total Fuels and Other Power Systems	\$6,013	\$652	\$1,701
Natural Gas Technologies Natural Gas Technologies	\$1,236	\$1,071	\$0
Total Natural Gas Technologies	\$1,236	\$1,071	\$0
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$300	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$300	\$0
Total Fossil Energy Research and Development  Naval Petroleum and Oil Shale Reserves  Naval Petroleum and Oil Shale Reserves	\$7,249	\$2,023	\$1,701
Management	\$2,000	\$450	\$100
Total Naval Petroleum and Oil Shale Reserves	\$2,000	\$450	\$100
Total Naval Petroleum and Oil Shale Reserves	\$2,000	\$450	\$100
Defense Environmental Cleanup NNSA Sites			
NNSA Sites	\$1,000	\$0	\$0
Total NNSA Sites	\$1,000	\$0	\$0

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#### State Table

Texas	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Defense Environmental Cleanup	\$1,000	\$0	\$0
Strategic Petroleum Reserve Storage Facilities Development SPR - Facilities Development	\$51,935	\$42,261	\$37,821
Total Storage Facilities Development	\$51,935	\$42,261	\$37,821
Management for SPR Operations  Management	\$984	\$1,032	\$1,080
Total Management for SPR Operations	\$984	\$1,032	\$1,080
Total Strategic Petroleum Reserve	\$52,919	\$43,293	\$38,901
Energy Information Administration Energy Information Administration National Energy Information System	\$411	\$500	\$500
Total Energy Information Administration	\$411	\$500	\$500
Total Energy Information Administration	\$411	\$500	\$500
Total Texas	\$664,598	\$633,623	\$632,342

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#### State Table

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Undesignated State	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			_
Water Power	\$1,060	\$2,172	\$1,700
Vehicle Technologies	\$104,148	\$157,784	\$175,102
Industrial Technologies	\$485	\$598	\$250
Hydrogen & Fuel Cell Technologies	\$0	\$0	\$72,465
Total Energy Efficiency and Renewable Energy	\$105,693	\$160,554	\$249,517
Total Energy Efficiency and Renewable Energy	\$105,693	\$160,554	\$249,517
Departmental Administration			
Management & Administration			
Program Direction	\$29,234	\$37,967	\$31,788
Total Management & Administration	\$29,234	\$37,967	\$31,788
Total Departmental Administration	\$29,234	\$37,967	\$31,788
Western Area Power Admin. Const., Rehab., O&M			
Systems Operation and Maintenance	<b>*</b> 4 • 4 <b>*</b> • • •	<b>*</b>	<b>*</b> 4 0 0 0 <b>7</b> 0
Systems Operation and Maintenance	\$134,706	\$122,361	\$132,679
Total Systems Operation and Maintenance	\$134,706	\$122,361	\$132,679
Total Western Area Power Admin. Const., Rehab., O&M	\$134,706	\$122,361	\$132,679
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Fuel Cells	\$44,476	\$6,300	\$5,387
Carbon Sequestration	\$18,496	\$41,344	\$29,823
Fuels	\$250	\$12,827	\$5,275
Advanced Research	\$9,270	\$13,657	\$34,115
Innovations for Existing Plants	\$3,207	\$20,669	\$44,722
Advanced Turbines	\$5,412	\$25,440	\$6,350
Total Fuels and Other Power Systems	\$81,111	\$120,237	\$125,672
Natural Gas Technologies Natural Gas Technologies	\$18	\$30	\$0
Total Natural Gas Technologies	\$18	\$30	\$0
Program Direction			
Headquarters Program Direction	\$11,700	\$13,327	\$12,841
Total Program Direction	\$11,700	\$13,327	\$12,841
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$265	\$140	\$90
Total Fossil Energy Environmental Restoration	\$265	\$140	\$90
Plant & Capital Equipment	<del>+</del> =3 <b>0</b>	<del>+ · · ·</del>	+30
Plant & Capital Equipment	\$18,000	\$20,000	\$20,000
Total Plant & Capital Equipment	\$18,000	\$20,000	\$20,000

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State Table (Dollars In Thousands)

Undesignated State	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Clean Coal Power Initiative Clean Coal Power Initiative	\$288,174	\$0	\$0
Total Clean Coal Power Initiative	\$288,174	\$0	\$0
Special Recruitment Programs Special Recruitment Programs	\$656	\$700	\$700
Total Special Recruitment Programs	\$656	\$700	\$700
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$9,000	\$0
Total Unconventional Fossil Energy Technologies	\$0	\$9,000	\$0
Total Fossil Energy Research and Development	\$399,924	\$163,434	\$159,303
Total Undesignated State	\$669,557	\$484,316	\$573,287

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#### State Table

ah	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Reques
Non-Defense Environmental Cleanup			<u> </u>
Small Sites			
Small Sites	\$45,699	\$39,000	\$31,00
Total Small Sites	\$45,699	\$39,000	\$31,00
Total Non-Defense Environmental Cleanup	\$45,699	\$39,000	\$31,00
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy	_		
Weatherization Assistance	\$3,818	\$1,639	\$2,47
State Energy Program Grants	\$237	\$236	\$37
Total Energy Efficiency and Renewable Energy	\$4,055	\$1,875	\$2,85
Total Energy Efficiency and Renewable Energy	\$4,055	\$1,875	\$2,85
Science			
High Energy Physics			
High Energy Physics	\$58	\$60	\$
Total High Energy Physics	\$58	\$60	\$
Biological and Environmental Research			
Biological and Environmental Research	\$876	\$663	\$50
Total Biological and Environmental Research	\$876	\$663	\$50
Basic Energy Sciences			
Basic Energy Sciences	\$2,945	\$2,999	\$2,99
Total Basic Energy Sciences	\$2,945	\$2,999	\$2,99
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$213	\$213	\$21
Total Fusion Energy Sciences Program	\$213	\$213	\$21
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$1,267	\$1,602	\$1,50
Total Advanced Scientific Computing Research	\$1,267	\$1,602	\$1,50
Congressionally Directed Projects			
Congressionally Directed Projects	\$1,017	\$0	\$
Total Congressionally Directed Projects	\$1,017	\$0	\$
Total Science	\$6,376	\$5,537	\$5,21
Falcon & Amistad - Operating & Maintenance Fund			
Falcon & Amistad Operating and Maintenance Fund			
Falcon & Amistad - Operating and Maintenance	\$2	\$2	\$
Total Falcon & Amistad Operating and Maintenance Fund	\$2	\$2	\$
Total Falcon & Amistad - Operating & Maintenance Fund	\$2	\$2	\$:
Western Area Power Admin. Const., Rehab., O&M	<del>-</del> -	*	•

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#### State Table

Jtah	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Systems Operation and Maintenance Systems Operation and Maintenance	\$7,343	\$7,586	\$7,630
Total Systems Operation and Maintenance	\$7,343	\$7,586	\$7,630
Program Direction Program Direction	\$362	\$396	\$410
Total Program Direction	\$362	\$396	\$410
Total Western Area Power Admin. Const.,Rehab.,O&M	\$7,705	\$7,982	\$8,040
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project	\$27,564	\$25,829	\$21,466
Total Equipment, Contracts and Other Related Expenses	\$27,564	\$25,829	\$21,466
Program Direction Program Direction	\$4,003	\$4,331	\$4,606
Total Program Direction	\$4,003	\$4,331	\$4,606
Total Colorado River Basins Power Marketing Fund	\$31,567	\$30,160	\$26,072
Fossil Energy Research and Development Fuels and Other Power Systems Fuels	\$925	\$0	\$0
Innovations for Existing Plants	\$1,277	\$275	\$275
Total Fuels and Other Power Systems	\$2,202	\$275	\$275
Natural Gas Technologies Natural Gas Technologies	\$0	\$26	\$0
Total Natural Gas Technologies	\$0	\$26	\$0
Total Fossil Energy Research and Development	\$2,202	\$301	\$275
otal Utah	\$97,606	\$84,857	\$73,458

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#### State Table

Vermont	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Grants	\$2,021 \$169	\$1,012 \$168	\$1,448 \$258
Total Energy Efficiency and Renewable Energy	\$2,190	\$1,180	\$1,706
Total Energy Efficiency and Renewable Energy	\$2,190	\$1,180	\$1,706
Science Basic Energy Sciences Basic Energy Sciences	\$252	\$124	\$124
Total Basic Energy Sciences	\$252	\$124	\$124
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$50	\$0	\$0
Total Fusion Energy Sciences Program	\$50	\$0	\$0
Congressionally Directed Projects Congressionally Directed Projects	\$1,156	\$0	\$0
Total Congressionally Directed Projects	\$1,156	\$0	\$0
Total Science	\$1,458	\$124	\$124
Total Vermont	\$3,648	\$1,304	\$1,830

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### State Table

(Dollars In Thousands)

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Virgin Islands	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$200	\$162	\$209
State Energy Program Grants	\$120	\$119	\$203
Total Energy Efficiency and Renewable Energy	\$320	\$281	\$412
Total Energy Efficiency and Renewable Energy	\$320	\$281	\$412
Total Virgin Islands	\$320	\$281	\$412

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#### State Table

ginia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy	•		•
Weatherization Assistance State Energy Program Grants	\$8,026 \$560	\$3,148 \$560	\$4,663 \$846
Total Energy Efficiency and Renewable Energy	\$8,586	\$3,708	\$5,509
Total Energy Efficiency and Renewable Energy	\$8,586	\$3,708	\$5,509
Science High Energy Physics High Energy Physics	\$4,251	\$3,515	\$3,405
Total High Energy Physics	\$4,251	\$3,515	\$3,405
Nuclear Physics Nuclear Physics	\$124,210	\$116,330	\$133,902
Total Nuclear Physics	\$124,210	\$116,330	\$133,902
Biological and Environmental Research Biological and Environmental Research	\$3,851	\$2,495	\$2,456
Total Biological and Environmental Research	\$3,851	\$2,495	\$2,456
Basic Energy Sciences Basic Energy Sciences	\$8,142	\$7,019	\$6,119
Total Basic Energy Sciences	\$8,142	\$7,019	\$6,119
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$1,321	\$2,467	\$1,903
Total Fusion Energy Sciences Program	\$1,321	\$2,467	\$1,903
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$3,700	\$27,687	\$28,628
Total Science Laboratories Infrastructure	\$3,700	\$27,687	\$28,628
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$7,560	\$12,815	\$4,546
Total Advanced Scientific Computing Research	\$7,560	\$12,815	\$4,546
Program Direction Program Direction	\$1,928	\$2,020	\$2,229
Total Program Direction	\$1,928	\$2,020	\$2,229
Safeguards and Security Safeguards and Security	\$1,504	\$1,432	\$1,470
Total Safeguards and Security	\$1,504	\$1,432	\$1,470
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$520	\$218	\$641
Total Workforce Development for Teachers and Scientists	\$520	\$218	\$641
Congressionally Directed Projects Congressionally Directed Projects	\$1,387	\$0	\$0

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#### State Table

Virginia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Congressionally Directed Projects	\$1,387	\$0	\$0
Total Science	\$158,374	\$175,998	\$185,299
Fossil Energy Research and Development Fuels and Other Power Systems			
Carbon Sequestration	\$463	\$544	\$499
Advanced Research	\$843	\$112	\$700
Advanced Integrated Gasification Combined Cycle	\$250	\$0	\$385
Total Fuels and Other Power Systems	\$1,556	\$656	\$1,584
Total Fossil Energy Research and Development	\$1,556	\$656	\$1,584
Energy Information Administration Energy Information Administration			
National Energy Information System	\$6,948	\$7,100	\$8,850
Total Energy Information Administration	\$6,948	\$7,100	\$8,850
Total Energy Information Administration	\$6,948	\$7,100	\$8,850
Total Virginia	\$175,464	\$187,462	\$201,242

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#### State Table

ashington ashington	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Non-Defense Environmental Cleanup Fast Flux Test Reactor Facility	<b>.</b>	<b>4</b>	•
Fast Flux Test Reactor Facility	\$10,755	\$7,652	\$3,659
Total Fast Flux Test Reactor Facility	\$10,755	\$7,652	\$3,659
Total Non-Defense Environmental Cleanup	\$10,755	\$7,652	\$3,659
Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability Research and Development	\$9,522	\$10,798	\$13,100
Infrastructure Security & Energy Restoration	\$600	\$10,798 \$250	\$845
Total Electricity Delivery and Energy Reliability	\$10,122	\$11,048	\$13,945
Total Electricity Delivery and Energy Reliability	\$10,122	\$11,048	\$13,945
Nuclear Energy Generation IV Nuclear Energy Systems Generation IV Nuclear Energy Systems	\$0	\$500	\$0
Total Generation IV Nuclear Energy Systems	\$0	\$500	\$0
Fuel Cycle R & D	,	·	·
Fuel Cycle R & D	\$4,350	\$6,118	\$8,979
Total Fuel Cycle R & D	\$4,350	\$6,118	\$8,979
Transfer from State Department Transfer from State Department	\$3,240	\$0	\$0
Total Transfer from State Department	\$3,240	\$0	\$0
Nuclear Energy Enabling Technologies Nuclear Energy Enabling Technologies	\$0	\$0	\$810
Total Nuclear Energy Enabling Technologies	\$0	\$0	\$810
Reactors Concepts RD&D Reactors Concepts RD&D	\$0	\$0	\$656
Total Reactors Concepts RD&D	\$0	\$0	\$656
Total Nuclear Energy	\$7,590	\$6,618	\$10,445
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy			
Biomass and Biorefinery Systems R&D Wind Energy Hydrogen Technology	\$9,855 \$989 \$6,410	\$10,822 \$1,045 \$6,985	\$10,822 \$882 \$0
Water Power Vehicle Technologies	\$150 \$11,204	\$1,540 \$8,433	\$1,888 \$10,000
Building Technologies	\$16,839	\$28,166	\$16,082
Industrial Technologies	\$835	\$671	\$1,369
Federal Energy Management Program Progam Support	\$1,980 \$661	\$2,248 \$1,842	\$3,700 \$2,985

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#### State Table

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ashington	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies	\$7,244 \$429 \$0	\$3,571 \$428 \$0	\$5,275 \$676 \$5,600
Total Energy Efficiency and Renewable Energy	\$56,596	\$65,751	\$59,279
Total Energy Efficiency and Renewable Energy Science	\$56,596	\$65,751	\$59,279
High Energy Physics High Energy Physics	\$1,261	\$1,172	\$1,124
Total High Energy Physics	\$1,261	\$1,172	\$1,124
Nuclear Physics Nuclear Physics	\$7,437	\$6,902	\$6,776
Total Nuclear Physics	\$7,437	\$6,902	\$6,776
Biological and Environmental Research Biological and Environmental Research	\$106,162	\$112,603	\$108,553
Total Biological and Environmental Research	\$106,162	\$112,603	\$108,553
Basic Energy Sciences Basic Energy Sciences	\$29,551	\$22,396	\$22,396
Total Basic Energy Sciences	\$29,551	\$22,396	\$22,396
Fusion Energy Sciences Program Fusion Energy Sciences Program	\$6,031	\$6,443	\$6,450
Total Fusion Energy Sciences Program	\$6,031	\$6,443	\$6,450
Science Laboratories Infrastructure Science Laboratories Infrastructure	\$52,775	\$0	\$0
Total Science Laboratories Infrastructure	\$52,775	\$0	\$0
Advanced Scientific Computing Research Advanced Scientific Computing Research	\$7,529	\$5,247	\$3,745
Total Advanced Scientific Computing Research	\$7,529	\$5,247	\$3,745
Program Direction Program Direction	\$5,564	\$5,264	\$6,173
Total Program Direction	\$5,564	\$5,264	\$6,173
Safeguards and Security Safeguards and Security	\$11,256	\$11,163	\$11,476
Total Safeguards and Security	\$11,256	\$11,163	\$11,476
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$1,187	\$613	\$1,211
Total Workforce Development for Teachers and Scientists	\$1,187	\$613	\$1,211
Congressionally Directed Projects Congressionally Directed Projects	\$2,774	\$0	\$0

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#### State Table

(Dollars In Thousands)

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ashington	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Congressionally Directed Projects	\$2,774	\$0	\$0
Total Science	\$231,527	\$171,803	\$167,904
Weapons Activities			
Readiness Campaign			
Readiness Campaign	\$10,578	\$14,892	\$8,695
Total Readiness Campaign	\$10,578	\$14,892	\$8,695
Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities	\$177	\$35	\$0
Total Readiness in Technical Base and Facilities	\$177	\$35	\$(
Nuclear Couterterrorism Incident Response Nuclear Weapons Incident Response	\$4,914	\$4,340	\$4,557
Total Nuclear Couterterrorism Incident Response	\$4,914	\$4,340	\$4,557
Total Weapons Activities	\$15,669	\$19,267	\$13,252
Other Defense Activities			
Health Safety and Security  Health Safety and Security (All other)	\$5,473	\$4,142	\$4,000
Total Health Safety and Security	\$5,473	\$4,142	\$4,000
Total Other Defense Activities	\$5,473	\$4,142	\$4,000
Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D  Nonproliferation and Verification R&D	\$61,068	\$37,169	\$35,871
Total Nonproliferation and Verification R&D	\$61,068	\$37,169	\$35,871
Nonproliferation and International Security Nonproliferation and International Security	\$17,421	\$25,919	\$18,110
Total Nonproliferation and International Security	\$17,421	\$25,919	\$18,110
Non Proliferation Programs with Russia	<b>*</b> · · · <b>,</b> · <u>-</u> ·	<del>,</del>	<b>¥</b> 1.5,11.
International Nuclear Materials Protection & Cooperatio	\$91,241	\$197,446	\$132,321
Elimination of Weapons -Grade Plutonium Production P	\$275	\$0	\$0
Total Non Proliferation Programs with Russia	\$91,516	\$197,446	\$132,321
Global Threat Reduction Initiative Global Threat Reduction Initiative	\$53,008	\$51,724	\$94,883
Total Global Threat Reduction Initiative	\$53,008	\$51,724	\$94,883
Total Defense Nuclear Nonproliferation	\$223,013	\$312,258	\$281,185
Departmental Administration			
Cost of Work for Others			
Cost of Work for Others	\$550	\$550	\$550
Total Cost of Work for Others	\$550	\$550	\$550

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#### State Table

(Dollars In Thousands)

\$70,724

\$79,765

\$79,765

\$72,290

\$82,771

\$82,771

\$70,826

\$69,234

\$69,234

ashington	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Chief Information Officer Cyber Security and Secure Management	\$2,100	\$2,100	\$2,100
Total Chief Information Officer	\$2,100	\$2,100	\$2,100
Total Departmental Administration	\$2,650	\$2,650	\$2,650
Office of the Inspector General Office of the Inspector General	<b>#4.000</b>	<b>#0.70</b> 5	<b>#0.007</b>
Office of the Inspector General	\$1,998	\$2,795	\$2,367
Total Office of the Inspector General	\$1,998	\$2,795	\$2,367
Total Office of the Inspector General	\$1,998	\$2,795	\$2,367
Fossil Energy Research and Development Fuels and Other Power Systems			
Fuel Cells	\$7,000	\$6,000	\$7,000
Carbon Sequestration	\$333	\$762	\$122
Advanced Research	\$250	\$350	\$350
Innovations for Existing Plants	\$600	\$0	\$0
Advanced Turbines	\$0	\$1,458	\$0
Total Fuels and Other Power Systems	\$8,183	\$8,570	\$7,472
Natural Gas Technologies Natural Gas Technologies	\$260	\$50	\$0
Total Natural Gas Technologies	\$260	\$50	\$0
Total Fossil Energy Research and Development	\$8,443	\$8,620	\$7,472
Defense Environmental Cleanup Hanford Site			
2012 Accelerated Completions	\$476,491	\$541,367	\$0
2035 Accelerated Completions	\$490,485	\$448,713	\$0
Central Plateau Remediation	\$0	\$0	\$423,640
River Corridor & Other Cleanup Operations	\$0	\$0	\$545,289
Total Hanford Site	\$966,976	\$990,080	\$968,929
Office of River Protection			
Tank Farm Activities	\$319,943	\$408,000	\$418,000
Waste Treatment Plant	\$690,000	\$690,000	\$740,178
Total Office of River Protection	\$1,009,943	\$1,098,000	\$1,158,178
Program Direction Program Direction	\$70,724	\$72,290	\$70,826

Total Program Direction

Safeguards and Security Safeguards and Security

Total Safeguards and Security

State Table (Dollars In Thousands)

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Washington	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Defense Environmental Cleanup	\$2,127,408	\$2,243,141	\$2,267,167
Total Washington	\$2,701,244	\$2,855,745	\$2,833,325

## Department Of Energy

FY 2011 Congressional Budget

#### State Table

(Dollars In Thousands)

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Electricity Delivery and Energy Reliability Electricity Delivery and Energy Reliability Research and Development \$4,663 Permitting Siting and Analysis \$906 Infrastructure Security & Energy Restoration \$4,251 Congressionally Directed Projects \$17,745  Total Electricity Delivery and Energy Reliability \$52,325  Total Electricity Delivery and Energy Reliability \$52,325  Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D \$350 Wind Energy Program Direction \$14,231 Geothermal Technology \$66 Progam Support \$3,740 Progam Support \$3,740 Progam Support \$4,816 State Energy Program Grants \$286 Hydrogen & Fuel Cell Technologies \$67  Total Energy Efficiency and Renewable Energy \$23,484  Total Biological and Environmental Research Biological and Environmental Research \$15  Total Basic Energy Sciences \$1,615  Total Basic Energy Sciences Program \$23  Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23	\$58,723 \$5,684 \$692 \$2,344 \$13,075 \$80,518 \$80,518 \$100 \$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$83,144 \$8,394 \$1,102 \$4,744 \$1 \$97,396 \$97,396 \$28,56 \$20,000 \$6,000 \$500 \$3,510 \$412 \$33
Electricity Delivery and Energy Reliability Research and Development Program Direction States Remitting Siting and Analysis Infrastructure Security & Energy Restoration Congressionally Directed Projects  Total Electricity Delivery and Energy Reliability  Total Electricity Delivery and Energy Reliability  S52,325  Total Electricity Delivery and Energy Reliability  Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D Wind Energy Program Direction S14,231 Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy  Science Biological and Environmental Research Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program  \$23,744  \$24,766 \$4,251 \$52,325 \$52,32	\$5,684 \$692 \$2,344 \$13,075 \$80,518 \$80,518 \$100 \$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$8,399 \$1,100 \$4,744 \$97,390 \$97,390 \$100 \$28,56 \$20,000 \$6,000 \$500 \$3,510 \$412
Research and Development Program Direction Permitting Siting and Analysis Infrastructure Security & Energy Restoration Congressionally Directed Projects  Total Electricity Delivery and Energy Reliability  Total Electricity Delivery and Energy Reliability  Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D Sommass and Biorefinery Sciences Biological Energy Efficiency and Renewable Energy Sommass and Biorefinery Sciences Fusion Energy Sciences Fusion Energy Sciences Program	\$5,684 \$692 \$2,344 \$13,075 \$80,518 \$80,518 \$100 \$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$8,399 \$1,100 \$4,744 \$97,390 \$97,390 \$100 \$28,56 \$20,000 \$6,000 \$500 \$3,510 \$412
Program Direction Permitting Siting and Analysis Infrastructure Security & Energy Restoration Congressionally Directed Projects  Total Electricity Delivery and Energy Reliability  Total Electricity Delivery and Energy Reliability  Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D Wind Energy Program Direction Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy  Science Biological and Environmental Research Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  Total Fusion Energy Sciences Program Fusion Energy Sciences Program  Total Fusion Energy Sciences Program  Total Fusion Energy Sciences Program  \$23,424  Total Fusion Energy Sciences Program  \$23,754  \$24,815  \$25,325  \$350  \$3	\$692 \$2,344 \$13,075 \$80,518 \$80,518 \$100 \$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$1,102 \$4,744 \$97,390 \$97,390 \$100 \$28,56 \$20,000 \$6,000 \$500 \$3,510 \$412
Permitting Siting and Analysis Infrastructure Security & Energy Restoration Congressionally Directed Projects  **Total Electricity Delivery and Energy Reliability**  **Total Electricity Delivery and Energy Reliability*  **Social Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D  **Wind Energy Program Direction Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  **Total Energy Efficiency and Renewable Energy  **Total Energy Efficiency and Renewable Energy  **Total Energy Efficiency and Renewable Energy  **Total Biological and Environmental Research Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences  **Total Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  **Total Fusion Energy S	\$692 \$2,344 \$13,075 \$80,518 \$80,518 \$100 \$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$1,102 \$4,744 \$97,390 \$97,390 \$100 \$28,56 \$20,000 \$6,000 \$500 \$3,510 \$412
Infrastructure Security & Energy Restoration Congressionally Directed Projects  Total Electricity Delivery and Energy Reliability  \$52,325  Total Electricity Delivery and Energy Reliability  \$52,325  Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D  Wind Energy Program Direction Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy  \$23,484  Total Energy Efficiency and Renewable Energy  \$23,484  Total Biological and Environmental Research Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences  Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  Total Fusion Energy Sciences Program  Total Fusion Energy Sciences Program  \$23  Total Fusion Energy Sciences Program  \$23  Total Fusion Energy Sciences Program  \$25  \$26  \$27  \$28  \$36  \$36  \$36  \$36  \$36  \$36  \$36  \$3	\$13,075 \$80,518 \$80,518 \$100 \$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$97,396 \$97,396 \$100 \$28,56 \$20,000 \$6,000 \$500 \$3,510 \$411
Total Electricity Delivery and Energy Reliability  \$52,325  Total Electricity Delivery and Energy Reliability  \$52,325  Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D Wind Energy Program Direction Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy  \$23,484  Total Energy Efficiency and Renewable Energy \$23,484  Total Energy Efficience Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Biological Energy Sciences Basic Energy Sciences  Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  \$23  Total Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program	\$80,518 \$80,518 \$100 \$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$97,390 \$97,390 \$100 \$28,56 \$20,000 \$6,000 \$500 \$3,510 \$411
Total Electricity Delivery and Energy Reliability  Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D Wind Energy Program Direction Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy  Science Biological and Environmental Research Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  \$23.755 Fusion Energy Sciences Program Fusion Energy Sciences Program \$23.755 Fusion Energy Sciences Program	\$100 \$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$97,396 \$100 \$28,56 \$20,000 \$6,000 \$500 \$3,510
Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D Wind Energy Program Direction Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy  Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  Total Fusion Energy Sciences Program  \$23 Total Fusion Energy Sciences Program \$23 Total Fusion Energy Sciences Program \$23 Total Fusion Energy Sciences Program	\$100 \$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$100 \$28,56 \$20,000 \$6,000 \$500 \$3,510 \$412
Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D Wind Energy Program Direction S14,231 Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy  Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  S23  Total Fusion Energy Sciences Program S23  Total Fusion Energy Sciences Program S23  Total Fusion Energy Sciences Program S23  Total Fusion Energy Sciences Program S23	\$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$28,56 \$20,000 \$6,000 \$500 \$3,510 \$412
Biomass and Biorefinery Systems R&D Wind Energy Program Direction S14,231 Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies Total Energy Efficiency and Renewable Energy Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Biological Energy Sciences Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program S23 Total Fusion Energy Sciences Program S23 Total Fusion Energy Sciences Program	\$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$28,56 \$20,000 \$6,000 \$500 \$3,510 \$412
Biomass and Biorefinery Systems R&D Wind Energy Program Direction S14,231 Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies Total Energy Efficiency and Renewable Energy Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Biological Energy Sciences Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program S23 Total Fusion Energy Sciences Program S23 Total Fusion Energy Sciences Program	\$0 \$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$28,56 \$20,000 \$6,000 \$500 \$3,510 \$412
Program Direction \$14,231 Geothermal Technology \$0 Hydrogen Technology \$0 Federal Energy Management Program \$3,740 Progam Support \$0 Weatherization Assistance \$4,818 State Energy Program Grants \$280 Hydrogen & Fuel Cell Technologies \$0 Total Energy Efficiency and Renewable Energy \$23,484  Total Energy Efficiency and Renewable Energy \$23,484  Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research \$15  Total Biological and Environmental Research \$15  Total Biological Energy Sciences \$1,615  Total Basic Energy Sciences \$1,615  Total Basic Energy Sciences Program Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23	\$15,534 \$0 \$70 \$3,251 \$120 \$2,526 \$281	\$28,56 \$20,000 \$6,000 \$500 \$3,510 \$411
Geothermal Technology Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy \$23,484  Total Energy Efficiency and Renewable Energy \$23,484  Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research State Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  \$23  Total Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23	\$0 \$70 \$3,251 \$120 \$2,526 \$281	\$20,000 \$ \$6,000 \$500 \$3,510 \$412
Hydrogen Technology Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy \$23,484  Total Energy Efficiency and Renewable Energy \$23,484  Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research State Energy Sciences Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program	\$70 \$3,251 \$120 \$2,526 \$281	\$6,000 \$500 \$3,510 \$412
Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy \$23,484  Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research State Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program  \$23,740 \$4,818 \$4,818 \$4,818 \$4,818 \$4,818 \$4,818 \$4,818 \$528 \$528 \$529 \$520 \$520 \$520 \$520 \$520 \$520 \$520 \$520	\$3,251 \$120 \$2,526 \$281	\$6,000 \$500 \$3,510 \$412
Federal Energy Management Program Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy \$23,484  Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research State Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program  \$23,740 \$4,818 \$280 \$4,818 \$280 \$4,818 \$280 \$4,818 \$528 \$528 \$529 \$520 \$520 \$520 \$520 \$520 \$520 \$520 \$520	\$120 \$2,526 \$281	\$50 \$3,51 \$41
Progam Support Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy \$23,484  Science Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research State Energy Sciences Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program  \$23,484  \$24  \$25  \$26  \$27  \$28  \$3,484  \$36  \$36  \$37  \$37  \$38  \$38  \$38  \$38  \$38  \$38	\$2,526 \$281	\$3,51 \$41
Weatherization Assistance State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy  \$23,484  Total Energy Efficiency and Renewable Energy \$23,484  Science Biological and Environmental Research Biological and Environmental Research Total Biological and Environmental Research  Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program  Fusion Energy Sciences Program  \$23  Total Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program	\$281	\$41
State Energy Program Grants Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy \$23,484  Total Energy Efficiency and Renewable Energy \$23,484  Science Biological and Environmental Research Biological and Environmental Research Total Biological and Environmental Research  Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program  \$23  Total Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23	\$281	•
Hydrogen & Fuel Cell Technologies  Total Energy Efficiency and Renewable Energy \$23,484  Total Energy Efficiency and Renewable Energy \$23,484  Science Biological and Environmental Research Biological and Environmental Research  Total Biological and Environmental Research  Basic Energy Sciences Basic Energy Sciences  Fusion Energy Sciences Program Fusion Energy Sciences Program  Fusion Energy Sciences Program  \$23  Total Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23		\$3
Total Energy Efficiency and Renewable Energy  Science Biological and Environmental Research Biological and Environmental Research  Total Biological and Environmental Research  Basic Energy Sciences Basic Energy Sciences  Basic Energy Sciences  Fusion Energy Sciences Program Fusion Energy Sciences Program  Fusion Energy Sciences Program  Sciences Program  Fusion Energy Sciences Program	\$0	
Science Biological and Environmental Research Biological and Environmental Research S15  Total Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences S1,615  Total Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program S23  Total Fusion Energy Sciences Program \$23	\$21,882	\$59,12
Biological and Environmental Research Biological and Environmental Research  Total Biological and Environmental Research  Basic Energy Sciences Basic Energy Sciences  Fusion Energy Sciences Program Fusion Energy Sciences Program  Fusion Energy Sciences Program	\$21,882	\$59,12
Biological and Environmental Research \$15  Total Biological and Environmental Research \$15  Basic Energy Sciences \$1,615  Total Basic Energy Sciences \$1,615  Total Basic Energy Sciences Program Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23		
Total Biological and Environmental Research  Basic Energy Sciences  Basic Energy Sciences  S1,615  Total Basic Energy Sciences  Fusion Energy Sciences Program  Fusion Energy Sciences Program  S23  Total Fusion Energy Sciences Program  \$23		
Basic Energy Sciences  Basic Energy Sciences  State Total Basic Energy Sciences  Fusion Energy Sciences Program  Fusion Energy Sciences Program  State Total Fusion Energy Sciences Program	\$15	\$(
Basic Energy Sciences \$1,615  Total Basic Energy Sciences \$1,615  Fusion Energy Sciences Program Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23	\$15	\$(
Total Basic Energy Sciences \$1,615  Fusion Energy Sciences Program Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23	\$10	\$610
Fusion Energy Sciences Program Fusion Energy Sciences Program  **Total Fusion Energy Sciences Program**  \$23		
Fusion Energy Sciences Program \$23  Total Fusion Energy Sciences Program \$23	\$10	\$61
Ψ20	\$198	\$26
	\$198	\$26
Congressionally Directed Projects  Congressionally Directed Projects \$3,237		\$(
Total Congressionally Directed Projects \$3,237	0.2	\$(
, , , , , , , , , , , , , , , , , , ,	\$0 \$0	Ψ
Total Science \$4,890	\$0	Φ07
Weapons Activities Directed Stockpile Work	•	\$870
Directed Stockpile Work \$1,685	\$0	\$87

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## State Table

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In Thousands)	

West Virginia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Directed Stockpile Work	\$1,685	\$250	\$0
Readiness Campaign Readiness Campaign	\$1,674	\$800	\$0
Total Readiness Campaign	\$1,674	\$800	\$0
Total Weapons Activities	\$3,359	\$1,050	\$0
Other Defense Activities Office of Legacy Management	¢0.470	¢40.452	<b>40 607</b>
Legacy Management Total Office of Legacy Management	\$9,170	\$10,452	\$9,687
	\$9,170	\$10,452	\$9,687
Total Other Defense Activities  Departmental Administration  Cost of Work for Others	\$9,170	\$10,452	\$9,687
Cost of Work for Others	\$300	\$300	\$300
Total Cost of Work for Others	\$300	\$300	\$300
Total Departmental Administration  Fossil Energy Research and Development  Fuels and Other Power Systems	\$300	\$300	\$300
Fuel Cells Carbon Sequestration Fuels Advanced Research Advanced Integrated Gasification Combined Cycle Advanced Turbines	\$3,800 \$14,070 \$5,575 \$1,219 \$4,054 \$3,000	\$5,000 \$14,461 \$4,566 \$1,948 \$4,503 \$2,916	\$5,000 \$10,442 \$3,613 \$1,843 \$4,130 \$3,250
Total Fuels and Other Power Systems	\$31,718	\$33,394	\$28,278
Natural Gas Technologies Natural Gas Technologies	\$1,829	\$1,942	\$0
Total Natural Gas Technologies	\$1,829	\$1,942	\$0
Program Direction Energy Technology Center Program Direction	\$121,055	\$125,150	\$120,425
Total Program Direction	\$121,055	\$125,150	\$120,425
Petroleum - Oil Technologies Oil Technology	\$78	\$0	\$0
Total Petroleum - Oil Technologies	\$78	\$0	\$0
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration	\$3,750	\$5,665	\$6,275
Total Fossil Energy Environmental Restoration	\$3,750	\$5,665	\$6,275
Unconventional Fossil Energy Technologies Unconventional Fossil Energy Technologies	\$0	\$158	\$0

State Table (Dollars In Thousands)

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West Virginia	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Unconventional Fossil Energy Technologies	\$0	\$158	\$0
Total Fossil Energy Research and Development	\$158,430	\$166,309	\$154,978
Total West Virginia	\$251,958	\$280,734	\$322,349

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(Dollars In Thousands)

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/isconsin	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Weatherization Assistance	\$14,966	\$6,727	\$9,909
State Energy Program Grants	\$592	\$595	\$822
Total Energy Efficiency and Renewable Energy	\$15,558	\$7,322	\$10,731
Total Energy Efficiency and Renewable Energy	\$15,558	\$7,322	\$10,731
Science			
High Energy Physics			
High Energy Physics	\$5,052	\$4,762	\$4,648
Total High Energy Physics	\$5,052	\$4,762	\$4,648
Nuclear Physics			
Nuclear Physics	\$479	\$325	\$325
Total Nuclear Physics	\$479	\$325	\$325
Biological and Environmental Research			
Biological and Environmental Research	\$26,034	\$24,844	\$24,424
Total Biological and Environmental Research	\$26,034	\$24,844	\$24,424
Basic Energy Sciences			
Basic Energy Sciences	\$5,843	\$4,312	\$4,312
Total Basic Energy Sciences	\$5,843	\$4,312	\$4,312
Fusion Energy Sciences Program			
Fusion Energy Sciences Program	\$13,349	\$13,294	\$12,955
Total Fusion Energy Sciences Program	\$13,349	\$13,294	\$12,955
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$3,683	\$4,116	\$1,293
Total Advanced Scientific Computing Research	\$3,683	\$4,116	\$1,293
Total Science	\$54,440	\$51,653	\$47,957
Fossil Energy Research and Development			
Fuels and Other Power Systems			
Innovations for Existing Plants	\$739	\$0	\$0
Total Fuels and Other Power Systems	\$739	\$0	\$0
Total Fossil Energy Research and Development	\$739	\$0	\$0
otal Wisconsin	\$70,737	\$58,975	\$58,688

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#### State Table

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State Energy Program Grants         \$152         \$151           Total Energy Efficiency and Renewable Energy         \$1,848         \$1,083           Total Energy Efficiency and Renewable Energy         \$1,848         \$1,083           Science         Basic Energy Sciences         \$595         \$306           Basic Energy Sciences         \$595         \$306           Total Basic Energy Sciences         \$595         \$306           Total Science         \$595         \$306           Western Area Power Admin. Const.,Rehab.,O&M         \$3,970         \$2,614           Systems Operation and Maintenance         \$3,970         \$2,614           Total Systems Operation and Maintenance         \$3,970         \$2,614           Program Direction         \$5,525         \$6,493           Total Program Direction         \$5,525         \$6,493           Total Program Direction         \$5,525         \$6,493           Total Western Area Power Admin. Const.,Rehab.,O&M         \$9,495         \$9,107           Colorado River Basins Power Marketing Fund         \$0         \$85           Total Equipment, Contracts and Other Related Expenses         \$0         \$85           Total Colorado River Basins Power Marketing Fund         \$0         \$85           Fossil Energy Research and	\$1,322 \$252 \$1,574 \$1,574 \$306 \$306
Weatherization Assistance State Energy Program Grants\$1,696 \$152\$932 \$151Total Energy Efficiency and Renewable Energy\$1,848\$1,083Total Energy Efficiency and Renewable Energy\$1,848\$1,083Science Basic Energy Sciences Basic Energy Sciences\$595\$306Total Basic Energy Sciences\$595\$306Total Science\$595\$306Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance\$3,970\$2,614Total Systems Operation and Maintenance\$3,970\$2,614Program Direction Program Direction\$5,525\$6,493Total Program Direction\$5,525\$6,493Total Western Area Power Admin. Const.,Rehab.,O&M\$9,495\$9,107Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project\$0\$85Total Equipment, Contracts and Other Related Expenses Colorado River Basins Power Marketing Fund\$0\$85Total Colorado River Basins Power Marketing Fund\$0\$85Fossil Energy Research and Development\$0\$85	\$252 \$1,574 \$1,574 \$306 \$306
State Energy Program Grants         \$152         \$151           Total Energy Efficiency and Renewable Energy         \$1,848         \$1,083           Total Energy Efficiency and Renewable Energy         \$1,848         \$1,083           Science         Basic Energy Sciences         \$595         \$306           Basic Energy Sciences         \$595         \$306           Total Basic Energy Sciences         \$595         \$306           Total Science         \$595         \$306           Western Area Power Admin. Const.,Rehab.,O&M         \$3,970         \$2,614           Systems Operation and Maintenance         \$3,970         \$2,614           Total Systems Operation and Maintenance         \$3,970         \$2,614           Program Direction         \$5,525         \$6,493           Total Program Direction         \$5,525         \$6,493           Total Program Direction         \$5,525         \$6,493           Total Western Area Power Admin. Const.,Rehab.,O&M         \$9,495         \$9,107           Colorado River Basins Power Marketing Fund         \$0         \$85           Total Equipment, Contracts and Other Related Expenses         \$0         \$85           Total Colorado River Basins Power Marketing Fund         \$0         \$85           Fossil Energy Research and	\$252 \$1,574 \$1,574 \$306 \$306
Total Energy Efficiency and Renewable Energy \$1,848 \$1,083  Science Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences State Energy Sciences Total Basic Energy Sciences State Energy Sciences Total Science Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance State Science State Science State Science State Science State Sciences State Science	\$1,574 \$1,574 \$306 \$306
Total Energy Efficiency and Renewable Energy  Science Basic Energy Sciences Basic Energy Sciences  Sasic Energy Sciences  Total Basic Energy Sciences  Sasic Energy Essins Power Marketing Fund  Sasic Energy Essins Power Marketing Fund  Sasic Energy Research and Development	\$1,574 \$306 \$306
Science Basic Energy Sciences Basic Energy Sciences S595 S306  Total Basic Energy Sciences  Total Science  Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation Program Direction Program Direction Program Direction S5,525 S6,493  Total Program Direction S5,525 S6,493  Total Western Area Power Admin. Const.,Rehab.,O&M S9,495 S9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project S0 S85  Total Colorado River Basins Power Marketing Fund Fossil Energy Research and Development	\$306 \$306
Basic Energy Sciences         \$595         \$306           Total Basic Energy Sciences         \$595         \$306           Total Science         \$595         \$306           Western Area Power Admin. Const.,Rehab.,O&M         \$595         \$306           Western Area Power Admin. Const.,Rehab.,O&M         \$595         \$306           Systems Operation and Maintenance         \$3,970         \$2,614           Total Systems Operation and Maintenance         \$3,970         \$2,614           Program Direction         \$5,525         \$6,493           Total Program Direction         \$5,525         \$6,493           Total Western Area Power Admin. Const.,Rehab.,O&M         \$9,495         \$9,107           Colorado River Basins Power Marketing Fund         \$0         \$85           Total Equipment, Contracts and Other Related Expenses         \$0         \$85           Total Colorado River Basins Power Marketing Fund         \$0         \$85           Fossil Energy Research and Development         \$0         \$85	\$306
Basic Energy Sciences         \$595         \$306           Total Basic Energy Sciences         \$595         \$306           Total Science         \$595         \$306           Western Area Power Admin. Const.,Rehab.,O&M         \$595         \$306           Systems Operation and Maintenance         \$3,970         \$2,614           Systems Operation and Maintenance         \$3,970         \$2,614           Program Direction         \$5,525         \$6,493           Program Direction         \$5,525         \$6,493           Total Program Direction         \$5,525         \$6,493           Total Western Area Power Admin. Const.,Rehab.,O&M         \$9,495         \$9,107           Colorado River Basins Power Marketing Fund         \$0         \$85           Total Equipment, Contracts and Other Related Expenses         \$0         \$85           Total Colorado River Basins Power Marketing Fund         \$0         \$85           Fossil Energy Research and Development         \$0         \$85	\$306
Total Basic Energy Sciences \$595 \$306  Total Science \$595 \$306  Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance \$3,970 \$2,614  Total Systems Operation and Maintenance \$3,970 \$2,614  Program Direction Program Direction Program Direction S5,525 \$6,493  Total Program Direction \$5,525 \$6,493  Total Western Area Power Admin. Const.,Rehab.,O&M \$9,495 \$9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	\$306
Total Science \$595 \$306  Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance \$3,970 \$2,614  Total Systems Operation and Maintenance \$3,970 \$2,614  Program Direction Program Direction Program Direction \$5,525 \$6,493  Total Program Direction \$5,525 \$6,493  Total Western Area Power Admin. Const.,Rehab.,O&M \$9,495 \$9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	
Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Program Direction Program Direction S5,525 S6,493  Total Program Direction S5,525 S6,493  Total Western Area Power Admin. Const.,Rehab.,O&M S9,495 S9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project S0 S85  Total Colorado River Basins Power Marketing Fund S0 S85  Total Colorado River Basins Power Marketing Fund S0 S85  Fossil Energy Research and Development	\$306
Systems Operation and Maintenance \$3,970 \$2,614  Program Direction Program Direction S5,525 \$6,493  Total Program Direction \$5,525 \$6,493  Total Western Area Power Admin. Const.,Rehab.,O&M \$9,495 \$9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	
Systems Operation and Maintenance \$3,970 \$2,614  Total Systems Operation and Maintenance \$3,970 \$2,614  Program Direction Program Direction Program Direction \$5,525 \$6,493  Total Program Direction \$5,525 \$6,493  Total Western Area Power Admin. Const., Rehab., O&M \$9,495 \$9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	
Total Systems Operation and Maintenance \$3,970 \$2,614  Program Direction Program Direction S5,525 \$6,493  Total Program Direction  Total Western Area Power Admin. Const., Rehab., O&M \$9,495 \$9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses  Total Equipment, Contracts and Other Related Expenses  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	
Program Direction Program Direction S5,525 F6,493  Total Program Direction S5,525 F6,493  Total Western Area Power Admin. Const., Rehab., O&M F9,495 Fossil Energy Research and Development S5,525 F6,493  \$5,525 \$6,493  \$9,495 \$9,107  \$9,495 \$9,107  \$9,495 \$9,107  \$9,495 \$9,107  \$9,495 \$9,107  \$0 \$85  \$1 Total Western Area Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project F0,525 F0,493  \$9,495 \$9,495 \$9,107  \$9,495  \$9,495 \$9,107  \$0 \$85	\$2,700
Program Direction \$5,525 \$6,493  Total Program Direction \$5,525 \$6,493  Total Western Area Power Admin. Const.,Rehab.,O&M \$9,495 \$9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	\$2,700
Total Program Direction \$5,525 \$6,493  Total Western Area Power Admin. Const.,Rehab.,O&M \$9,495 \$9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	
Total Western Area Power Admin. Const.,Rehab.,O&M \$9,495 \$9,107  Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	\$7,160
Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	\$7,160
Equipment, Contracts and Other Related Expenses Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	\$9,860
Colorado River Storage Project \$0 \$85  Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	
Total Equipment, Contracts and Other Related Expenses \$0 \$85  Total Colorado River Basins Power Marketing Fund \$0 \$85  Fossil Energy Research and Development	
Total Colorado River Basins Power Marketing Fund \$0 \$85 Fossil Energy Research and Development	\$105
Fossil Energy Research and Development	\$105
· ·	\$105
· ·	
Fuels and Other Power Systems	
Carbon Sequestration \$428 \$576	\$262
Total Fuels and Other Power Systems \$428 \$576	\$262
Natural Gas Technologies	
Natural Gas Technologies \$142 \$0	\$0
Total Natural Gas Technologies \$142 \$0	\$0
Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration \$880 \$1,005	\$400
Total Fossil Energy Environmental Restoration \$880 \$1,005	\$400
Cooperative Research & Revelopment	•
Cooperative Research & Development \$2,405 \$2,475	\$0
Total Cooperative Research & Revelopment \$2,405 \$2,475	\$0

State Table (Dollars In Thousands)

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Vyoming	FY 2009 Appropriation	FY 2010 Appropriation	FY 2011 Request
Total Fossil Energy Research and Development	\$3,855	\$4,056	\$662
Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves			
Productions Operations	\$7,185	\$10,166	\$9,919
Management	\$4,427	\$5,729	\$5,969
Total Naval Petroleum and Oil Shale Reserves	\$11,612	\$15,895	\$15,888
Total Naval Petroleum and Oil Shale Reserves	\$11,612	\$15,895	\$15,888
otal Wyoming	\$27,405	\$30,532	\$28,395