

(\$ in thousands)	FY 2013 Congressional Request	FY 2013 House Marks	FY 2013 Senate Marks
<b>FOSSIL ENERGY R&amp;D</b>			
Coal	275,869	384,294	301,622
Natural Gas Technologies	17,000	17,000	22,000
Unconventional Fossil Energy Technologies	0	25,000	5,000
Program Direction	115,753	115,753	120,000
Plant & Capital Equipment	13,294	13,294	13,294
Environmental Restoration	5,897	5,897	5,897
Special Recruitment Program	700	700	700
Subtotal, Fossil Energy R&D	428,513	561,938	468,513
Use of prior year balances	-7,938	-7,938	-7,938
Rescission of prior year balances	0	0	0
<b>TOTAL FOSSIL ENERGY R&amp;D</b>	<b>420,575</b>	<b>554,000</b>	<b>460,575</b>
<b>STRATEGIC PETROLEUM RESERVE</b>			
Facilities Development	195,609	195,609	195,609
Rescission of prior year balances	0	0	0
Use of prior year balances	0	0	0
<b>TOTAL, STRATEGIC PETROLEUM RESERVE</b>	<b>195,609</b>	<b>195,609</b>	<b>195,609</b>
<b>NORTHEAST HOME HEATING OIL RESERVE</b>	<b>4,119</b>	<b>4,119</b>	<b>4,119</b>
<b>NAVAL PET. &amp; OIL SHALE RESERVES</b>			
<b>Total NPR &amp; Oil Shale Reserves</b>	<b>14,909</b>	<b>14,909</b>	<b>14,909</b>
<b>CLEAN COAL TECHNOLOGY PRIOR YEAR RESCISSION</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ELK HILLS SCHOOL LANDS FUNDS</b>	<b>15,580</b>	<b>15,580</b>	<b>15,580</b>
<b>TOTAL FOSSIL ENERGY PROG.</b>	<b>650,792</b>	<b>784,217</b>	<b>690,792</b>
<b>CLEAN COAL POWER INITIATIVE</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FUELS AND POWER SYSTEMS/CARBON CAPTURE AND STORAGE(CCS) AND POWER SYSTEMS</b>			
Innovations for Existing Plants	0	0	0
Advanced Integrated Gasification Combined Cycle	0	0	0
Advanced Turbines	0	0	0
Carbon Sequestration	0	0	0
Fuels	0	0	0
Fuel Cells	0	0	0
Advanced Research	0	0	0
Carbon Capture	60,438	68,938	60,438
Carbon Storage	95,477	115,345	95,477
Advanced Energy Systems	55,193	110,000	80,946
Cross-cutting Research	29,750	55,000	29,750
NETL Coal Research and Development	35,011	35,011	35,011
Subtotal, FUELS AND POWER SYSTEMS/CARBON CAPTURE AND STORAGE(CCS) AND POWER SYSTEMS	275,869	384,294	301,622
<b>TOTAL COAL</b>	<b>275,869</b>	<b>384,294</b>	<b>301,622</b>
<b>NATURAL GAS TECHNOLOGIES</b>	<b>17,000</b>	<b>17,000</b>	<b>22,000</b>
<b>UNCONVENTIONAL FOSSIL ENERGY TECHNOLOGIES</b>	<b>0</b>	<b>25,000</b>	<b>5,000</b>
<b>PROGRAM DIRECTION</b>			
Indirect Program Direction	113,637	0	0
NETL Direct Program Direction	0	0	0
Imports/Export Authorization	2,116	0	0
Subtotal, Fossil Energy R&D Program Direction	115,753	115,753	120,000
<b>PLANT &amp; CAPITAL EQUIPMENT</b>	<b>13,294</b>	<b>13,294</b>	<b>13,294</b>
<b>ENVIRONMENTAL RESTORATION</b>	<b>5,897</b>	<b>5,897</b>	<b>5,897</b>
<b>COOPERATIVE RES. &amp; DEVELOPMENT</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CONGRESSIONALLY DIRECTED PRIORITIES</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SPECIAL RECRUITMENT PROGRAMS</b>	<b>700</b>	<b>700</b>	<b>700</b>
<b>USE OF PRIOR YEAR BALANCES</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL FOSSIL ENERGY R&amp;D</b>	<b>428,513</b>	<b>561,938</b>	<b>468,513</b>

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<b>CLEAN COAL POWER INITIATIVE</b>	0	0	0
<b>FUELS AND POWER SYSTEMS</b>			
<b>INNOVATIONS FOR EXISTING PLANTS</b>			
CO2 Carbon Capture and Storage	0	0	0
Fine Particulate Control/Air Toxics	0	0	0
National Labs -Competitive	0	0	0
By-Products and Water Management	0	0	0
<b>Total Innovations for Existing Plants</b>	0	0	0
<b>ADVANCED INTEGRATED GASIFICATION COMBINED CYCLE</b>			
Gasification Systems Technology	0	0	0
Systems Analysis/Product Integration	0	0	0
<b>Total Advanced Integrated Gasification Combined Cycle</b>	0	0	0
<b>ADVANCED TURBINES</b>			
Hydrogen Turbines	0	0	0
<b>Total Turbines</b>	0	0	0
<b>CARBON SEQUESTRATION</b>			
Greenhouse Gas Control	0	0	0
Focus Area for Carbon Sequestration Science	0	0	0
Center for beneficial use of CO2 for non-geologic activities	0	0	0
<b>Total Carbon Sequestration</b>	0	0	0
<b>FUELS</b>			
<b>Hydrogen from Coal Research</b>			
Hydrogen from Coal	0	0	0
Coal and Coal-Biomass to Liquids	0	0	0
<b>Total Fuels</b>	0	0	0
<b>FUEL CELLS</b>			
Innovative Systems Concepts/SECA	0	0	0
<b>Total Fuel Cells</b>	0	0	0
<b>ADVANCED RESEARCH</b>			
Coal Utilization Science (CUS)			
CUS - Sensors and Controls - Novel Innovations	0	0	0
CUS - Computational System Dynamics	0	0	0
Total, Coal Utilization Science	0	0	0
High Performance Materials	0	0	0
Coal Technology Export	0	0	0
Bioprocessing of Coal	0	0	0
Environmental Activities	0	0	0
Technical & Econ. Analyses	0	0	0
International Prog. Support	0	0	0
Focus Area for Computational Energy Science	0	0	0
University Coal Research	0	0	0
HBCUs, Education & Training	0	0	0
<b>Total Advanced Research</b>	0	0	0
<b>Carbon Capture</b>			
Post-Combustion Capture Systems	49,035	0	0
Pre-Combustion Capture Systems	11,403	0	0
<b>Total Carbon Capture</b>	<b>60,438</b>	<b>68,938</b>	<b>60,438</b>
<b>Carbon Storage</b>			
Regional Carbon Sequestration Partnerships	66,980	0	0
Geologic Storage	11,255	0	0
Monitoring, Verification, Accounting, and Assessment	6,738	0	0
Carbon Use and Reuse	778	0	0
Focus Area for Carbon Sequestration Science	9,726	0	0
<b>Total Carbon Storage</b>	<b>95,477</b>	<b>115,345</b>	<b>95,477</b>
<b>Advanced Energy Systems</b>			
Advanced Combustion Systems	10,699	0	0
Gasification Systems	31,905	8,000	8,000
Hydrogen Turbines	12,589	0	0
Coal and Coal Biomass to Liquids	0	10,000	0
Solid Oxide Fuel Cells	0	25,000	25,000
<b>Total Advanced Energy Systems</b>	<b>55,193</b>	<b>110,000</b>	<b>80,946</b>

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<b>Cross-cutting Research</b>			
<b>Plant Optimization Technologies</b>			
Sensors and Controls	7,000	13,000	0
<b>Subtotal Plant Optimization Technologies</b>	<b>7,000</b>	<b>13,000</b>	<b>0</b>
<b>Coal Utilization Science</b>			
Computational System Dynamics	7,800	0	0
Focus Area for Computational Energy Science	9,400	0	0
<b>Subtotal Coal Utilization Science</b>	<b>17,200</b>	<b>0</b>	<b>0</b>
<b>Energy Analyses</b>			
Environmental Activities	450	0	0
Technical and Economic Analysis	500	0	0
Systems Analysis/Product Integration	0	0	0
<b>Subtotal Energy Analyses</b>	<b>950</b>	<b>0</b>	<b>0</b>
<b>University Training and Research</b>			
University Coal Research	2,400	0	0
HBCU's, Education, and Training	850	0	0
<b>Subtotal University Training and Research</b>	<b>3,250</b>	<b>0</b>	<b>0</b>
<b>International Activities</b>			
Coal Technology Export	650	0	0
International Program Support	700	0	0
<b>Subtotal International Activities</b>	<b>1,350</b>	<b>0</b>	<b>0</b>
<b>Total Cross-cutting Research</b>	<b>29,750</b>	<b>55,000</b>	<b>29,750</b>
<b>NETL Coal Research and Development</b>	<b>35,011</b>	<b>35,011</b>	<b>35,011</b>
<b>TOTAL FUELS AND POWER SYSTEMS</b>	<b>275,869</b>	<b>384,294</b>	<b>301,622</b>
<b>NATURAL GAS TECHNOLOGIES</b>			
<b>Gas Hydrates</b>	<b>5,000</b>	<b>5,000</b>	<b>10,000</b>
Gas Hydrates	5,000	5,000	10,000
<b>Effective Environmental Protection</b>	<b>12,000</b>	<b>10,000</b>	<b>12,000</b>
Environmental Science	12,000	10,000	12,000
<b>Risk Based Data Management System</b>		<b>2,000</b>	
<b>TOTAL NATURAL GAS TECHNOLOGIES</b>	<b>17,000</b>	<b>17,000</b>	<b>22,000</b>
<b>UNCONVENTIONAL FOSSIL ENERGY TECHNOLOGIES</b>			
UNCONVENTIONAL FOSSIL ENERGY TECHNOLOGIES	0	25,000	5,000
<b>TOTAL UNCONVENTIONAL FOSSIL ENERGY TECHNOLOGIES</b>	<b>0</b>	<b>25,000</b>	<b>5,000</b>
<b>PROGRAM DIRECTION</b>			
<b>INDIRECT PROGRAM DIRECTION</b>			
<b>Research and Development</b>			
<b>Hdqtrs. Program Direction</b>	<b>30,427</b>	<b>0</b>	<b>0</b>
Salaries & Benefits	16,871	0	0
Travel	1,000	0	0
Contract Services	12,556	0	0
Technical and Management Support Services	1,870	0	0
Computer Systems and Support	1,000	0	0
E-Government Initiatives	85	0	0
Working Capital Fund	9,601	0	0
<b>Field Program Direction</b>	<b>83,210</b>	<b>0</b>	<b>0</b>
Salaries & Benefits	46,860	0	0
Travel	1,900	0	0
Contract Services			
Technical and Management Support Services	34,450	0	0
<b>Clean Coal Technology</b>			
<b>Hdqtrs. Program Direction</b>			
Salaries & Benefits			
Travel			
Contract Services			
Technical and Management Support Services			
<b>Field Program Direction</b>			
Salaries & Benefits			
Travel			
Contract Services			
Technical and Management Support Services			
<b>Total Headquarters Indirect Program Direction</b>	<b>30,427</b>	<b>0</b>	<b>0</b>
Salaries & Benefits	16,871	0	0
Travel	1,000	0	0
Contract Services	12,556	0	0
Technical and Management Support Services	1,870	0	0
Computer Systems and Support	1,000	0	0
Government-Wide E-Government Initiatives	85	0	0
Working Capital Fund	9,601	0	0
<b>Total Field Indirect Program Direction</b>	<b>83,210</b>	<b>0</b>	<b>0</b>
Salaries & Benefits	46,860	0	0
Travel	1,900	0	0
Contract Services			
Technical and Management Support Services	34,450	0	0
<b>TOTAL INDIRECT PROGRAM DIRECTION</b>	<b>113,637</b>	<b>0</b>	<b>0</b>

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<b><u>NETL DIRECT PROGRAM DIRECTION</u></b>			
<b>Coal R&amp;D Direct Program Direction</b>	<b>0</b>	<b>0</b>	<b>0</b>
Salaries & Benefits	0	0	0
Travel	0	0	0
Contract Services			
Technical and Management Support Services	0	0	0
<b>TOTAL NETL DIRECT PROGRAM DIRECTION</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>IMPORT/EXPORT AUTHORIZATION</u></b>			
Salaries & Benefits	1,437	0	0
Travel	22	0	0
Contract Services			
Technical and Management Support Services	657	0	0
<b>TOTAL IMPORT/EXPORT AUTHORIZATION</b>	<b>2,116</b>	<b>0</b>	<b>0</b>
<b>TOTAL PROGRAM DIRECTION</b>			
<b><u>Total Headquarters Program Direction</u></b>	<b>32,543</b>	<b>0</b>	<b>0</b>
Salaries & Benefits	18,308	0	0
Travel	1,022	0	0
Contract Services	13,213	0	0
Technical and Management Support Services	2,527	0	0
Computer Systems and Support	1,000	0	0
Government-Wide E-Government Initiatives	85	0	0
Working Capital Fund	9,601	0	0
<b><u>Total Field Program Direction</u></b>	<b>83,210</b>	<b>0</b>	<b>0</b>
Salaries & Benefits	46,860	0	0
Travel	1,900	0	0
Contract Services			
Technical and Management Support Services	34,450	0	0
<b>Reprogrammed Funding for Oil Spill Commission</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL FOSSIL R&amp;D PROGRAM DIRECTION</b>	<b>115,753</b>	<b>115,753</b>	<b>120,000</b>
<b><u>PLANT AND CAPITAL EQUIPMENT</u></b>			
<b>Construction</b>	<b>13,294</b>	<b>13,294</b>	<b>13,294</b>
GPP at NETL and ARC	13,294	13,294	13,294
<b>TOTAL PLANT AND CAPITAL EQUIPMENT</b>	<b>13,294</b>	<b>13,294</b>	<b>13,294</b>
<b><u>ENVIRONMENTAL RESTORATION</u></b>			
<b>CERCLA Remedial Actions</b>	<b>200</b>	<b>200</b>	<b>200</b>
Rock Springs Sites	200	200	200
Hoe Creek Site	0	0	0
Hannah Sites Revegetation	0	0	0
NETL Preliminary Site Investigations	0	0	0
NETL Site Remediation	0	0	0
CERCLA PRP Response Activities	0	0	0
<b>RCRA Remedial Actions</b>	<b>1,697</b>	<b>1,697</b>	<b>1,697</b>
NETL On-Site Remediation	352	352	352
Albany Research Center RCRA	1,345	1,345	1,345
<b>Other ES&amp;H Actions</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>
Other ES&H Actions	3,925	3,925	3,925
ES&H Corrective Action at NPTO	0	0	0
ES&H Corrective Action at ARC	0	0	0
Program Support	75	75	75
<b>TOTAL ENVIRONMENTAL RESTORATION</b>	<b>5,897</b>	<b>5,897</b>	<b>5,897</b>

(\$ in thousands)	FY 2013 Congressional Request	FY 2013 House Marks	FY 2013 Senate Marks
<b><u>SPECIAL RECRUITMENT PROGRAMS</u></b>	<b>700</b>	<b>700</b>	<b>700</b>
<b>ULTRA-DEEPWATER AND UNCONVENTIONAL NATURAL GAS AND OTHER PETROLEUM RESEARCH FUND</b>			
Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Research Fund	50,000	50,000	50,000
Receipts Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Research Fund	-50,000	-50,000	-50,000
Repeal Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Research Fund	50,000	0	0
Repeal Receipts Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Research Fund	-50,000	0	0
Rescission of funds			
Rescission of Receipts	0	0	0
<b>TOTAL ULTRA-DEEPWATER AND UNCONVENTIONAL NATURAL GAS AND OTHER PETROLEUM RESEARCH FUND</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>STRATEGIC PETROLEUM RESERVE</u></b>			
SPR Facilities			
Expansion	0	0	0
Expansion Management	0	0	0
Total Expansion	0	0	0
Storage facilities development	171,932	171,932	171,932
Management	23,677	23,677	23,677
Total Non-Phase Specific	195,609	195,609	195,609
Rescission of prior year balances	0	0	0
Use of prior year balances	0	0	0
Total Strategic Pet. Reserve	195,609	195,609	195,609
<b>NORTHEAST HOME HEATING OIL RESERVE</b>			
Northeast Home Heating Oil Reserve	10,119	10,119	10,119
Rescission of Prior Year Balances	-6,000	-6,000	-6,000
Total Northeast Home Heating Oil Reserve	4,119	4,119	4,119
<b>ALTERNATIVE FUELS PRODUCTION PRIOR YEAR RESCISSION</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CLEAN COAL TECHNOLOGY PRIOR YEAR RESCISSION</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ELK HILLS SCHOOL LANDS FUNDS</b>	<b>15,580</b>	<b>15,580</b>	<b>0</b>
<b><u>NAVAL PETROLEUM RESERVES</u></b>			
Production and Operations	7,915	7,915	7,915
Management	6,994	6,994	6,994
Use of Prior Year Balances	0	0	0
<b>TOTAL NP&amp;OSR</b>	<b>14,909</b>	<b>14,909</b>	<b>14,909</b>