

(\$ in thousands)	FY 2012 Congressional Request	FY 2012 House Marks	FY 2012 Senate Marks	FY 2012 Current Approp
FOSSIL ENERGY R&D				
Coal	291,358	289,415	291,358	359,320
Natural Gas Technologies	0	15,000	0	14,575
Unconventional Fossil Energy Technologies	0	0	0	4,858
Program Direction	159,233	120,847	151,729	119,929
Plant & Capital Equipment	16,794	16,794	16,794	16,794
Environmental Restoration	7,897	7,897	7,897	7,897
Special Recruitment Program	700	700	700	700
Subtotal, Fossil Energy R&D	475,982	450,653	468,478	524,073
Use of prior year balances	-23,007	-23,007	-23,007	0
Rescission of prior year balances	0	0	-187,000	-187,000
TOTAL FOSSIL ENERGY R&D	452,975	427,646	258,471	337,073
STRATEGIC PETROLEUM RESERVE				
Facilities Development	192,704	192,704	192,704	192,704
Rescission of prior year balances	0	0	0	0
Use of prior year balances	-71,000	0	0	0
TOTAL, STRATEGIC PETROLEUM RESERVE	121,704	192,704	192,704	192,704
NORTHEAST HOME HEATING OIL RESERVE	10,119	10,119	10,119	10,119
NAVAL PET. & OIL SHALE RESERVES				
Total NPR & Oil Shale Reserves	14,909	14,909	14,909	14,909
CLEAN COAL TECHNOLOGY PRIOR YEAR RESCISSION	0	0	0	0
ELK HILLS SCHOOL LANDS FUNDS	0	0	0	0
TOTAL FOSSIL ENERGY PROG.	520,707	645,378	476,203	554,805
CLEAN COAL POWER INITIATIVE	0	0	0	0
FUELS AND POWER SYSTEMS/CARBON CAPTURE AND STORAGE(CCS) AND POWER SYSTEMS				
Innovations for Existing Plants	0	0	0	0
Advanced Integrated Gasification Combined Cycle	0	0	0	0
Advanced Turbines	0	0	0	0
Carbon Sequestration	0	0	0	0
Fuels	0	0	0	0
Fuel Cells	0	0	0	0
Advanced Research	0	0	0	0
Carbon Capture	68,938	68,938	68,938	66,986
Carbon Storage	115,477	115,477	115,477	112,208
Advanced Energy Systems	64,193	105,000	64,193	97,169
Cross-cutting Research	42,750	0	42,750	47,946
NETL Coal Research and Development	0	0	0	35,011
Subtotal, FUELS AND POWER SYSTEMS/CARBON CAPTURE AND STORAGE(CCS) AND POWER SYSTEMS	291,358	289,415	291,358	359,320
TOTAL COAL	291,358	289,415	291,358	359,320
NATURAL GAS TECHNOLOGIES	0	15,000	0	14,575
UNCONVENTIONAL FOSSIL ENERGY TECHNOLOGIES	0	0	0	4,858
PROGRAM DIRECTION				
Indirect Program Direction	122,086	0	0	117,813
NETL Direct Program Direction	35,031	0	0	0
Imports/Export Authorization	2,116	0	0	2,116
Subtotal, Fossil Energy R&D Program Direction	159,233	120,847	151,729	119,929
PLANT & CAPITAL EQUIPMENT	16,794	16,794	16,794	16,794
ENVIRONMENTAL RESTORATION	7,897	7,897	7,897	7,897
COOPERATIVE RES. & DEVELOPMENT	0	0	0	0
CONGRESSIONALLY DIRECTED PRIORITIES	0	0	0	0
SPECIAL RECRUITMENT PROGRAMS	700	700	700	700
USE OF PRIOR YEAR BALANCES	0	0	0	0
TOTAL FOSSIL ENERGY R&D	475,982	450,653	468,478	524,073

(\$ in thousands)	FY 2012 Congressional Request	FY 2012 House Marks	FY 2012 Senate Marks	FY 2012 Current Approp
CLEAN COAL POWER INITIATIVE	0	0	0	0
FUELS AND POWER SYSTEMS				
INNOVATIONS FOR EXISTING PLANTS				
CO2 Carbon Capture and Storage	0	0	0	0
Fine Particulate Control/Air Toxics	0	0	0	0
National Labs -Competitive	0	0	0	0
By-Products and Water Management	0	0	0	0
Total Innovations for Existing Plants	0	0	0	0
ADVANCED INTEGRATED GASIFICATION COMBINED CYCLE				
Gasification Systems Technology	0	0	0	0
Systems Analysis/Product Integration	0	0	0	0
Total Advanced Integrated Gasification Combined Cycle	0	0	0	0
ADVANCED TURBINES				
Hydrogen Turbines	0	0	0	0
Total Turbines	0	0	0	0
CARBON SEQUESTRATION				
Greenhouse Gas Control	0	0	0	0
Focus Area for Carbon Sequestration Science	0	0	0	0
Center for beneficial use of CO2 for non-geologic activities	0	0	0	0
Total Carbon Sequestration	0	0	0	0
FUELS				
Hydrogen from Coal Research				
Hydrogen from Coal	0	0	0	0
Coal and Coal-Biomass to Liquids	0	0	0	0
Total Fuels	0	0	0	0
FUEL CELLS				
Innovative Systems Concepts/SECA	0	0	0	0
Total Fuel Cells	0	0	0	0
ADVANCED RESEARCH				
Coal Utilization Science (CUS)				
CUS - Sensors and Controls - Novel Innovations	0	0	0	0
CUS - Computational System Dynamics	0	0	0	0
Total, Coal Utilization Science	0	0	0	0
High Performance Materials	0	0	0	0
Coal Technology Export	0	0	0	0
Bioprocessing of Coal	0	0	0	0
Environmental Activities	0	0	0	0
Technical & Econ. Analyses	0	0	0	0
International Prog. Support	0	0	0	0
Focus Area for Computational Energy Science	0	0	0	0
University Coal Research	0	0	0	0
HBCUs, Education & Training	0	0	0	0
Total Advanced Research	0	0	0	0
Carbon Capture				
Post-Combustion Capture Systems	55,535	55,535	55,535	53,955
Pre-Combustion Capture Systems	13,403	13,403	13,403	13,031
Total Carbon Capture	68,938	68,938	68,938	66,986
Carbon Storage				
Regional Carbon Sequestration Partnerships	83,257	83,257	83,257	80,882
Geologic Storage	14,978	14,978	14,978	14,563
Monitoring, Verification, Accounting, and Assessment	6,738	6,738	6,738	6,551
Carbon Use and Reuse	778	778	778	756
Focus Area for Carbon Capture, Utilization & Storage Science	9,726	9,726	9,726	9,456
Total Carbon Storage	115,477	115,477	115,477	112,208
Advanced Energy Systems				
Advanced Combustion Systems	10,699	16,000	10,699	15,499
Gasification Systems	38,905	39,000	38,905	37,918
Hydrogen Turbines	14,589	15,000	14,589	14,583
Coal and Coal Biomass to Liquids	0	10,000	0	4,862
Solid Oxide Fuel Cells	0	25,000	0	24,307
Total Advanced Energy Systems	64,193	105,000	64,193	97,169

(\$ in thousands)	FY 2012 Congressional Request	FY 2012 House Marks	FY 2012 Senate Marks	FY 2012 Current Approp
Cross-cutting Research				
Plant Optimization Technologies				
Sensors and Controls	8,000	0	8,000	13,284
Subtotal Plant Optimization Technologies	8,000	0	8,000	13,284
Coal Utilization Science				
Computational System Dynamics	11,800	0	11,800	11,472
Focus Area for Computational Energy Science	13,400	0	13,400	13,000
Subtotal Coal Utilization Science	25,200	0	25,200	24,472
Energy Analyses				
Environmental Activities	450	0	450	450
Technical and Economic Analysis	500	0	500	500
Systems Analysis/Product Integration	4,000	0	4,000	4,000
Subtotal Energy Analyses	4,950	0	4,950	4,950
University Training and Research				
University Coal Research	2,400	0	2,400	2,917
HBCU's, Education, and Training	850	0	850	973
Subtotal University Training and Research	3,250	0	3,250	3,890
International Activities				
Coal Technology Export	650	0	650	650
International Program Support	700	0	700	700
Subtotal International Activities	1,350	0	1,350	1,350
Total Cross-cutting Research	42,750	0	42,750	47,946
NETL Coal Research and Development	0	0	0	35,011
TOTAL FUELS AND POWER SYSTEMS	291,358	289,415	291,358	359,320
NATURAL GAS TECHNOLOGIES				
Gas Hydrates	0	10,000	0	9,716
Gas Hydrates	0	10,000	0	9,716
Effective Environmental Protection	0	0	0	4,859
Environmental Science	0	0	0	4,859
Risk Based Data Management System	0	15,000	0	14,575
TOTAL NATURAL GAS TECHNOLOGIES	0	15,000	0	14,575
UNCONVENTIONAL FOSSIL ENERGY TECHNOLOGIES				
UNCONVENTIONAL FOSSIL ENERGY TECHNOLOGIES	0	0	0	4,858
TOTAL UNCONVENTIONAL FOSSIL ENERGY TECHNOLOGIES	0	0	0	4,858
PROGRAM DIRECTION				
INDIRECT PROGRAM DIRECTION				
Research and Development				
Hdqtrs. Program Direction	29,731	0	0	29,713
Salaries & Benefits	17,084	0	0	17,084
Travel	1,000	0	0	1,000
Contract Services	11,647	0	0	11,629
Technical and Management Support Services	3,162	0	0	3,144
Computer Systems and Support	1,000	0	0	1,000
E-Government Initiatives	85	0	0	85
Working Capital Fund	7,400	0	0	7,400
Field Program Direction	92,355	0	0	88,100
Salaries & Benefits	48,160	0	0	45,500
Travel	2,400	0	0	1,800
Contract Services		0	0	
Technical and Management Support Services	41,795	0	0	40,800
Clean Coal Technology				
Hdqtrs. Program Direction				
Salaries & Benefits				
Travel				
Contract Services				
Technical and Management Support Services				
Field Program Direction				
Salaries & Benefits				
Travel				
Contract Services				
Technical and Management Support Services				
Total Headquarters Indirect Program Direction	29,731	0	0	29,713
Salaries & Benefits	17,084	0	0	17,084
Travel	1,000	0	0	1,000
Contract Services	11,647	0	0	11,629
Technical and Management Support Services	3,162	0	0	3,144
Computer Systems and Support	1,000	0	0	1,000
Government-Wide E-Government Initiatives	85	0	0	85
Working Capital Fund	7,400	0	0	7,400
Total Field Indirect Program Direction	92,355	0	0	88,100
Salaries & Benefits	48,160	0	0	45,500
Travel	2,400	0	0	1,800
Contract Services		0	0	
Technical and Management Support Services	41,795	0	0	40,800
TOTAL INDIRECT PROGRAM DIRECTION	122,086	0	0	117,813

(\$ in thousands)	FY 2012 Congressional Request	FY 2012 House Marks	FY 2012 Senate Marks	FY 2012 Current Approp
NETL DIRECT PROGRAM DIRECTION				
Coal R&D Direct Program Direction	35,031	0	0	0
Salaries & Benefits	29,260	0	0	0
Travel	1,172	0	0	0
Contract Services				
Technical and Management Support Services	4,599	0	0	0
TOTAL NETL DIRECT PROGRAM DIRECTION	35,031	0	0	0
IMPORT/EXPORT AUTHORIZATION				
Salaries & Benefits	1,437	0	0	1,437
Travel	22	0	0	22
Contract Services				
Technical and Management Support Services	657	0	0	657
TOTAL IMPORT/EXPORT AUTHORIZATION	2,116	0	0	2,116
TOTAL PROGRAM DIRECTION				
Total Headquarters Program Direction	31,847	0	0	31,829
Salaries & Benefits	18,521	0	0	18,521
Travel	1,022	0	0	1,022
Contract Services	12,304	0	0	12,286
Technical and Management Support Services	3,819	0	0	3,801
Computer Systems and Support	1,000	0	0	1,000
Government-Wide E-Government Initiatives	85	0	0	85
Working Capital Fund	7,400	0	0	7,400
Total Field Program Direction	127,386	0	0	88,100
Salaries & Benefits	77,420	0	0	45,500
Travel	3,572	0	0	1,800
Contract Services				
Technical and Management Support Services	46,394	0	0	40,800
Reprogrammed Funding for Oil Spill Commission				0
TOTAL FOSSIL R&D PROGRAM DIRECTION	159,233	120,847	151,729	119,929
PLANT AND CAPITAL EQUIPMENT				
Construction	16,794	16,794	16,794	16,794
GPP at NETL and ARC	16,794	16,794	16,794	16,794
TOTAL PLANT AND CAPITAL EQUIPMENT	16,794	16,794	16,794	16,794
ENVIRONMENTAL RESTORATION				
CERCLA Remedial Actions	200	200	200	200
Rock Springs Sites	200	200	200	200
Hoe Creek Site	0	0	0	0
Hannah Sites Revegetation	0	0	0	0
NETL Preliminary Site Investigations	0	0	0	0
NETL Site Remediation	0	0	0	0
CERCLA PRP Response Activities	0	0	0	0
RCRA Remedial Actions	1,697	1,697	1,697	1,697
NETL On-Site Remediation	352	352	352	352
Albany Research Center RCRA	1,345	1,345	1,345	1,345
Other ES&H Actions	6,000	6,000	6,000	6,000
Other ES&H Actions	5,925	5,925	5,925	5,925
ES&H Corrective Action at NPTO	0	0	0	0
ES&H Corrective Action at ARC	0	0	0	0
Program Support	75	75	75	75
TOTAL ENVIRONMENTAL RESTORATION	7,897	7,897	7,897	7,897

(\$ in thousands)	FY 2012 Congressional Request	FY 2012 House Marks	FY 2012 Senate Marks	FY 2012 Current Approp
SPECIAL RECRUITMENT PROGRAMS	700	700	700	700
ULTRA-DEEPWATER AND UNCONVENTIONAL NATURAL GAS AND OTHER PETROLEUM RESEARCH FUND				
Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Research Fund	50,000	50,000	50,000	50,000
Receipts Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Research Fund	-50,000	-50,000	-50,000	-50,000
Repeal Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Research Fund	50,000	0	0	0
Repeal Receipts Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Research Fund	-50,000	0	0	0
Rescission of funds		-25,000		
Rescission of Receipts	0	25,000	0	0
TOTAL ULTRA-DEEPWATER AND UNCONVENTIONAL NATURAL GAS AND OTHER PETROLEUM RESEARCH FUND	0	0	0	0
STRATEGIC PETROLEUM RESERVE				
SPR Facilities				
Expansion	0	0	0	0
Expansion Management	0	0	0	0
Total Expansion	0	0	0	0
Storage facilities development	170,914	170,914	170,914	170,914
Management	21,790	21,790	21,790	21,790
Total Non-Phase Specific	192,704	192,704	192,704	192,704
Rescission of prior year balances	0	0	0	0
Use of prior year balances	-71,000	0	0	0
Total Strategic Pet. Reserve	121,704	192,704	192,704	192,704
NORTHEAST HOME HEATING OIL RESERVE				
Northeast Home Heating Oil Reserve	10,119	10,119	10,119	10,119
Rescission of Prior Year Balances		0	0	0
Total Northeast Home Heating Oil Reserve	10,119	10,119	10,119	10,119
ALTERNATIVE FUELS PRODUCTION PRIOR YEAR RESCISSION	0	0	0	0
CLEAN COAL TECHNOLOGY PRIOR YEAR RESCISSION	0	0	0	0
ELK HILLS SCHOOL LANDS FUNDS	0	0	0	0
NAVAL PETROLEUM RESERVES				
Production and Operations	5,480	5,480	5,480	5,480
Management	9,429	9,429	9,429	9,429
Use of Prior Year Balances	0	0	0	0
TOTAL NP&OSR	14,909	14,909	14,909	14,909