

Department of Energy FY 2008 Budget

Investing in Science and Energy Security

February 5, 2007

The Focus

- Investing in World-Class Science
- Advancing Energy Security
- Reducing Dependence on Foreign Sources of Energy
- Promoting the Use of Clean Energy
- Honoring our Commitments



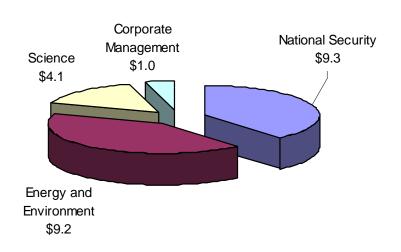
Supporting our Nation's Highest Priorities

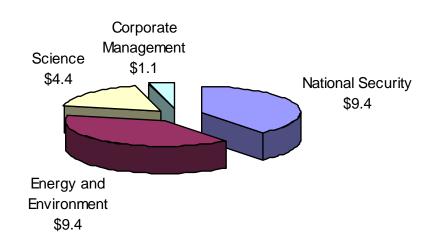


DOE Budget: FY 2007 and FY 2008 (\$ in Billions)

FY 2007 Request \$23.6 Billion

FY 2008 Request \$24.3 Billion





FY 2008 request is \$705 million above the FY 2007 request level.



FY 2008 DOE Budget Breakout

By Organization (\$ in Millions)

	FY 2006 Approp.	FY 2007 Request	FY 2008 Request	Change	
National Nuclear Security Administration	\$9,110	\$9,316	\$9,387	+\$71	
Energy and Environment	vironment				
Energy	\$2,701	\$2,583	\$3,089	+\$506	
Environment	\$7,162	\$6,573	\$6,344	-\$229	
Total, Energy and Environment	\$9,863	\$9,156	\$9,433	+\$277	
Science	\$3,632	\$4,102	\$4,398	+\$296	
Corporate Management/FERC	\$967	\$980	\$1,041	+\$61	
Total DOE	\$23,572	\$23,554	\$24,259	+\$705	



Leadership in Science

- Opportunities exist for scientific breakthroughs in:
 - -- Biotechnology -- High-Performance Computing and Networking
 - -- Nanotechnology -- Climate Change
 - -- Hydrogen Fuels -- Fusion Energy
- The nations at the forefront will lead the global economy
- World-class science requires significant investment
- The DOE Office of Science plays a critical role:
 - -- responsible for 10 world-class U.S. national laboratories
 - -- primary builder and operator of scientific facilities in the U.S.
 - -- educating and training our next generation of scientists and engineers
 - -- sponsoring basic research aimed at meeting our nation's growing energy challenge



American Competitiveness Initiative



Advancing Energy Security

- Increasing Our Energy Options Reduce dependence on foreign energy sources
 - -- Advanced Energy Initiative (\$2.7B)

- Hydrogen - Nuclear Power 2010

- Fuel Cells - Fusion Energy

- Biomass - Wind

- Solar - Vehicle Technology

- Clean Coal

- -- Global Nuclear Energy Partnership (\$405M)
 - Develop and demonstrate advanced proliferation-resistant fuel cycle technologies
 - Develop an integrated spent fuel recycling program
- Securing Against Energy Supply Disruptions
 - -- SPR Expansion (\$168M) Increase capacity to 1.5 billion barrels by FY 2027
- Implementing a Loan Guarantee Program (\$9.0B cap)



Honoring our Commitments

- Weapons Activities, \$6.5B Transforms the nuclear weapons complex through Complex 2030 and Reliable Replacement Warhead
- Environmental Management, \$5.7B Closing sites or completing cleanup at sites
- Civilian Radioactive Waste Management, \$495M Supports submittal of a license application in June 2008
- Legacy Management, \$194M Ensures continuity of pension and medical benefit payments to former contractor employees at completed cleanup sites
- Security Activities, \$1.6B Enhancing security across the complex



The Bottom Line

	FY 2006	FY 2007	FY 2008
	Approp.	Request	Request
DOE Budget	23,572	23,554	24,259

(\$ in Millions)

- Presents a balanced program and continues funding for initiatives in national security, energy diversification, and scientific research
- Honors commitments to national defense and environmental cleanup affecting communities impacted by former weapons facilities
- Reflects responsible stewardship of the American taxpayers' money

Investing in Science and Energy Security