

U.S. DEPARTMENT OF ENERGY  
 FY 2007 Operating Plan by Appropriation  
 (Dollars in Thousands)

FY 2006 Current Approp.	FY 2007 Operating Plan	FY 2008 Congressional Request
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**Energy Supply And Conservation**

Energy Efficiency and Renewable Energy

Hydrogen technology

Hydrogen technology.....	79,185	193,551	213,000
Fuel cell technologies.....	74,266	----	----
Total, Hydrogen technology.....	153,451	193,551	213,000

Biomass and biorefinery systems R&D

Research and development.....	89,776	199,687	179,263
Solar energy.....	81,791	159,372	148,304
Wind energy.....	38,333	49,319	40,069
Geothermal technology.....	22,762	5,000	----
Hydropower.....	495	----	----
Vehicle technologies.....	178,351	188,024	176,138
Building technologies.....	68,190	104,329	86,456
Industrial technologies.....	55,856	56,563	45,998

Federal Energy Management Program

Departmental energy management program.....	1,999	----	----
Federal energy management program.....	16,975	19,480	16,791
Total, Federal energy management program.....	18,974	19,480	16,791

Facilities and infrastructure

National renewable energy laboratory

Operation and maintenance.....	5,742	24,035	6,982
Construction:			
07-EE-01 Integrated biorefinery research facility, National renewable energy laboratory, Golden, CO.....	----	20,000	----
06-EE-01 Research support facility Project-1 National renewal energy laboratory, Golden, CO.....	9,900	63,000	----
02-E-001 Science and technology facility National renewable energy laboratory Golden, CO.....	10,410	----	----
Total, Construction.....	20,310	83,000	----
Total, Facilities and infrastructure.....	26,052	107,035	6,982

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Weatherization and intergovernmental activities			
Weatherization assistance grants			
Weatherization assistance.....	237,996	200,000	139,450
Training and technical assistance.....	4,554	4,550	4,550
Total, Weatherization assistance grants.....	242,550	204,550	144,000
State energy program grants.....	35,640	49,457	45,501
State energy activities.....	495	9,348	----
Gateway deployment.....	25,400	----	----
International renewable energy program.....	3,871	9,473	----
Tribal energy activities.....	3,960	3,957	2,957
Renewable energy production incentive.....	4,950	4,946	4,946
Asia pacific.....	----	----	7,500
Total, Weatherization and intergovernmental activities.....	316,866	281,731	204,904
Program direction.....	101,868	99,264	105,013
Program support.....	13,321	10,930	13,281
Total, Energy Efficiency and Renewable Energy.....	1,166,086	1,474,285	1,236,199
Electricity Delivery & Energy Reliability			
Research and development			
High temperature superconductivity R&D.....	48,649	47,000	28,186
Transmission reliability R&D.....	12,516	----	----
Electricity distribution transformation R&D.....	58,453	----	----
Energy storage R&D.....	2,889	----	----
Gridwise.....	5,267	----	----
Gridworks.....	4,815	----	----
Visualization and controls.....	----	25,054	25,305
Energy storage and power electronics.....	----	2,900	6,803
Distributed systems integration.....	----	24,189	25,700
Total, Research and development.....	132,589	99,143	85,994
Electricity restructuring.....	12,276	----	----
Operations and analysis.....	----	20,500	11,556
Program direction.....	13,313	17,357	17,387
Total, Electricity Delivery & Energy Reliability.....	158,178	137,000	114,937