



**Taxpayers for Common Sense
Analysis of Authorized Spending in
Energy Bill Report (H.R. 6)**

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	Authorized Spending*
Title I – Energy Efficiency	\$12.238 billion
Title II – Renewable Energy	\$1.155 billion
Title III – Oil and Gas	\$535 million plus \$414 million scoring of royalty provisions = \$949 million
Title IV – Coal	\$3.925 billion
Title V – Indian Energy	\$221 million
Title VI – Nuclear Matters	\$1.186 billion
Title VII – Vehicles and Fuels	\$811 million
Title VIII – Hydrogen	\$2.149 billion
Title IX – Research and Development	\$38.579 billion
Title X – Department of Energy Management	No spending authorization
Title XI – Personnel and Training	\$6 million
Title XII – Electricity	\$210 million
Title XIII – Tax	
Title XIV – Miscellaneous	\$5.135 billion
Title XV – Ethanol	\$5.912 billion
Title XVI – Studies	No spending authorization
Total Authorization:	\$72.476 billion

* Rounded to the nearest million.

Title I – Energy Efficiency

Subtitle A – Federal Programs

- Sec. 101 Energy and Water Saving Measures in Congressional Buildings - \$2 million for each year FY04-08 = \$10 million.
- Sec. 108 Advanced Building Efficiency Testbed - \$6 million for each year FY04-06 = \$18 million.

Subtitle B – Energy Assistance and State Programs

- Sec. 121 Low Income Home Energy Assistance Program (LIHEAP) - \$3.4 billion for each year FY04-06 = \$10.2 billion.
- Sec. 122 Weatherization Assistance.

FY04 - \$325 million
FY05 - \$400 million
FY06 - \$500 million
= \$1.225 billion

- Sec. 123 State Energy Programs

FY04 - \$100 million
FY05 - \$100 million
FY06 - \$125 million
= \$325 million

- Sec. 124 Energy Efficient Appliance Rebate Programs - \$50 million FY04-08 = \$250 million.
- Sec. 125 Energy Efficient Public Buildings - \$30 million for each year FY04-08 = \$150 million.
- Sec. 126 Low Income Community Energy Efficiency Pilot Program - \$20 million for each year FY04-06 = \$60 million.

Subtitle C – Energy Efficient Products

Subtitle D – Public Housing

Title II – Renewable Energy

Subtitle A – General Provisions

- Sec. 201 Authorization of Appropriations for Assessment of Renewable Energy Resources - \$10 million for each year FY04-08 = \$50 million.
- Sec. 202 Authorization of Appropriations for Renewable Energy Production Incentive – such sums as may be necessary between FY03-23.
- Sec. 204 Insular Areas Energy Security – Authorization of Appropriations - \$5 million for each fiscal year after the date of enactment of this paragraph (JCT extends bill out to FY14) - \$55 million
- Sec. 205 Use of Photovoltaic Energy in Public Buildings – Authorization of Appropriations

Photovoltaic Energy Commercialization Program - \$50 million for each year FY04-08 = \$250 million

Photovoltaic Systems Evaluation Program - \$10 million each year FY04-08 = \$50 million.

- Sec. 206 Grants to Improve Commercial Value of Forest Biomass for Electric Energy, Useful Heat, Transportation Fuels, Petroleum-Based Product Substitutes, and Other Commercial Purposes – Authorization of Appropriations - \$50 million for each year FY04-14 = \$550 million.

Subtitle B – Geothermal Energy

Subtitle C – Hydroelectric

Part I – Alternative Conditions

Part II – Additional Hydropower

- Sec. 241 Hydroelectric Production Incentives – Authorization of Appropriations - \$10 million for FY04-13 = \$100 million.
- Sec. 242 Hydroelectric Efficiency Improvement – Authorization of Appropriations - \$10 million for FY04-13 = \$100 million.

Title III – Oil and Gas

Subtitle A – Strategic Petroleum Reserve

- Sec. 301 Permanent Authority to Operate the Strategic Petroleum Reserve and Other Energy Programs – Such sums as may be necessary.

Subtitle B – Production Incentives

- Sec. 318 Orphaned, Abandoned, or Idled Wells on Federal Land - \$25 million for each year FY05-09 = \$125 million (\$5 million of which is specifically authorized each year for Technical Assistance Program for Nonfederal Land).
- Sec. 322 Preservation of Geological and Geophysical Data - \$30 million for each year FY04-08 = \$150 million.
- Sec. 324 Assessment of Dependence of State of Hawaii on Oil – such sums as may be necessary.

Subtitle C – Access to Federal Land

- Sec. 343 Management of Federal Oil and Gas Leasing Programs for each year FY04-07 \$40 million for (a) & (b) and \$20 million for (c) = \$160 million + \$80 million = \$240 million.

Subtitle D – Alaska Pipeline Natural Gas Pipeline

- Sec. 383 Alaska Pipeline Construction Training Program - \$20 million.

Title IV – Coal

Subtitle A – Clean Coal Power Initiative

- Sec. 401 Authorization of Appropriations - \$200 million for each year FY04-12 = \$1.8 billion.

Subtitle B – Clean Power Projects

- Sec. 411 Coal Technology Loan - \$125 million for loans.

Subtitle C – Federal Coal Leases

Subtitle D – Coal and Related Programs

- Sec. 441(a) Clean Air Coal Program –

FY05 - \$300 million
FY06 - \$100 million
FY07 - \$40 million
FY08 - \$30 million
FY09 - \$30 million
= \$500 million

- Sec. 441(b) Generation Projects

FY06 - \$150 million
FY07 - \$250 million
FY08 - \$250 million
FY09 - \$250 million
FY10 - \$250 million
FY11 - \$250 million
FY12 - \$100 million
= \$1.5 billion

Title V – Indian Energy

- Sec. 503 \$20 million for each year FY04-14 = \$220 million.

Such sums as may be necessary FY04-14 to carry out Leases, Business Agreements, and Rights-of-Way Involving Energy Development or Transmission.

Federal Power Marketing Administrations \$750,000.

Wind and Hydropower Feasibility Study \$500,000.

Title VI – Nuclear Matters

Subtitle A – Price-Anderson Act Amendments

Subtitle B – General Nuclear Matters

- Sec. 622 NRC Training Program - \$1 million for each year FY04-08 = \$5 million.
- Sec. 628 Decommissioning Pilot Program - \$16 million.

- Sec. 631 Cooperative Research and Development and Special Demonstration Projects for the Uranium Mining Industry - \$10 million for each year FY04-06 = \$30 million.

Subtitle C – Advanced Reactor Hydrogen Cogeneration Project

- Sec. 655 Authorization for Appropriations

For Research & Development:

FY04 - \$35 million

FY05-FY08 - \$150 million for each year = \$600 million

For years after FY08 – such sums as may be necessary
= \$635 million

For Construction:

\$500 million

= \$1.135 billion

Subtitle D – Nuclear Security

- Sec. 668 Authorization of Appropriations – such sums as may be necessary.

Title VII – Vehicles and Fuels

Subtitle A – Existing Programs

Subtitle B – Hybrid Vehicles, Advanced Vehicles, and Fuel Cell Buses

- Sec. 724 Authorization of Appropriations for Part II Advanced Vehicles - \$200 million.
- Sec. 731 Authorization of Appropriations for Part III Fuel Cell Buses - \$10 million for each year FY04-07 = \$40 million.

Subtitle C – Clean School Buses

- Sec. 742 Authorization of Appropriations for Program for Replacement of Certain School Buses with Clean School Buses.

FY05 - \$45 million

FY06 - \$65 million

FY07 - \$90 million

FY08-09 such sums as may be necessary
= \$200 million

- Sec. 743 Authorization of Appropriations for Diesel Retrofit Program

FY05 - \$20 million
FY06 - \$35 million
FY07 - \$45 million
FY08-09 such sums as may be necessary
= \$100 million

- Sec. 744 Fuel Cell School Buses Authorization of Appropriations - \$25 million for FY04-06.

Subtitle D – Miscellaneous

- Sec. 751 Railroad Efficiency Authorization of Appropriations –

FY05 - \$25 million
FY06 - \$35 million
FY07 - \$50 million
= \$110 million

- Sec. 755 Conserve by Bicycling Program - \$6.2 million.
- Sec. 756 Reduction of Engine Idling of Heavy-Duty Vehicles

FY04 - \$19.5 million
FY05 - \$30 million
FY06 - \$45 million
= \$94.5 million

- Sec. 757 Biodiesel Engine Testing Program - \$5 million for each year FY04-08 = \$25 million.

Subtitle E – Automobile Efficiency

- Sec. 771 Authorization of Appropriations for Implementation and Enforcement of Fuel Economy Standards - \$2 million for each year FY04-08 = \$10 million.

Title VIII – Hydrogen

- Sec. 809 Authorization of Appropriations:

FY04 - \$273.5 million
FY05 - \$375 million
FY06 - \$450 million
FY07 - \$500 million
FY08 - \$550 million
= \$2.149 billion

Title IX – Research and Development

Subtitle A – Energy Efficiency

- Sec. 904 Energy Efficiency

FY04 \$616 million
FY05 \$695 million
FY06 \$772 million
FY07 \$865 million
FY08 \$920 million
= \$3.868 billion

Extended authorization for Next Generation of Lighting Initiative \$50 million for each year FY09-13 = \$250 million.

Subtitle B – Distributed Energy and Electric Energy Systems

- Sec. 911 Distributed Energy and Electric Energy Systems

FY04 \$190 million
FY05 \$200 million
FY06 \$220 million
FY07 \$240 million
FY08 \$260 million
= \$1.110 billion

Subtitle C – Renewable Energy

- Sec. 918 Renewable Energy

FY04 \$480 million
FY05 \$550 million
FY06 \$610 million
FY07 \$659 million
FY08 \$710 million
= \$3.009 billion

Subtitle D – Nuclear Energy

- Sec. 924 Nuclear Energy

Core Programs:
FY04 \$273 million
FY05 \$355 million

FY06 \$430 million
FY07 \$455 million
FY08 \$545 million
= \$2.058 billion

Nuclear Infrastructure Support:

FY04 \$125 million
FY05 \$130 million
FY06 \$135 million
FY07 \$140 million
FY08 \$145 million
= \$675 million

Subtitle E – Fossil Energy

Part I – Research Programs

- Sec. 931 Fossil Energy

FY04 \$530 million
FY05 \$556 million
FY06 \$583 million
FY07 \$611 million
FY08 \$626 million
= \$2.906 billion

Extended Authorization for Office of Arctic Energy - \$25 million for each year
FY09-12 = \$100 million.

- Sec. 937 Fischer-Tropsch Diesel Fuel Loan Guarantee Program – such sums as may be necessary.

Part II – Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Resources

- Sec. 949 Authorization of Appropriations – \$50 million for each year FY04-13 to carry out this part = \$500 million.

Subtitle F – Science

- Sec. 951

FY04 \$3.785 billion
FY05 \$4.153 billion
FY06 \$4.618 billion
FY07 \$5.310 billion

FY08 \$5.800 billion
= \$23.666 billion

Subtitle G – Energy and Environment

- Sec. 964 US-Mexico Energy Technology Cooperation

FY04 \$5 million
FY05 \$5 million
FY06 \$6 million
FY07 \$6 million
FY08 \$6 million
= \$28 million

- Sec. 965 Western Hemisphere Energy Cooperation

FY04 \$8 million
FY05 \$10 million
FY06 \$13 million
FY07 \$16 million
FY08 \$19 million
= \$66 million

- Sec. 966 Waste Reduction and Use of Alternatives - \$500,000
- Sec. 967 Report on Fuel Cell Test Center - \$500,000
- Sec. 968 Arctic Engineering Research Center - \$3 million for each year FY04-09
= \$18 million.
- Sec. 969 Barrow Geophysical Research Facility - \$61 million.

Subtitle H – Management

- Sec. 978 Technology Infrastructure Program \$10 million for each year FY04-06 = \$30 million.
- Sec. 982 Department of Energy Science and Technology Scholarship Program.

FY04 \$800,000
FY05 \$1.6 million
FY06 \$2 million
FY07 \$2 million
FY08 \$2 million
= \$8.4 million

- Sec. 984 Small Business Advocacy and Assistance - \$5 million for each year FY04-08 = \$25 million.
- Sec. 989 Educational Programs in Science and Mathematics - \$40 million for each year FY04-08 = \$200 million.

Title X – Department of Energy Management

Title XI – Personnel and Training

- Sec. 1104 International Energy Training \$1.5 million for each year FY04-07 = \$6 million.

Title XII – Electricity

Subtitle A – Reliability Standards

Subtitle B – Transmission Infrastructure Modernization

- Sec. 1225 Electric Transmission and Distribution Programs –

FY04 \$15 million
FY05 \$20 million
FY06 \$30 million
FY07 \$35 million
FY08 \$40 million
= \$140 million
- Sec. 1226 Advanced Power System Technology Incentive Program - \$10 million each year for FY04-10 = \$70 million.

Subtitle C – Transmission Operation Improvements

Subtitle D – Transmission Rate Reform

Subtitle E – Amendment to PURPA

Subtitle F – Repeal of PUHCA

- Sec. 1276 Authorization of Appropriations – such sums as may be necessary to carry out this subtitle.

Subtitle G – Market Transparency, Enforcement, and Consumer Protection

Subtitle H – Merger Reform

Subtitle I – Definitions

Subtitle J – Technical and Conforming Amendments

Title XIII – Tax Title

Title XIV – Miscellaneous

Subtitle A – Rural and Remote Electricity Construction

- Sec. 1401 Denali Commission Programs - \$5 million each year FY05-11 = \$35 million.

Subtitle B – Coastal Programs

- Sec. 1412 Domestic Offshore Energy Reinvestment –
 - (a) \$500 million for each year FY04-13 = \$5 billion.
 - (b) Additional Amendments – such sums as may be necessary for Outer Continental Shelf Lands Act.
 - (c) Utilization of Coastal Restoration and Enhancement Through Science and Technology Program - \$10 million for each year FY04-13 = \$100 million.

Subtitle C – Reforms to the Board of Directors of the Tennessee Valley Authority

Subtitle D – Other Provisions

Title XV – Ethanol

- Sec. 1503 MTBE Transition Assistance - \$2.0 billion.
- Sec. 1511 Commercial Byproducts from Municipal Solid Waste and Cellulosic Biomass Loan Guarantee Program – such sums as may be necessary.
- Sec. 1512 Resource Center - \$4 million for each year FY04-06 = \$12 million.
- Sec. 1512 Authorization of Appropriations for Renewable Fuel Production Research and Development Grants - \$25 million each year for FY04-08 = \$125 million.
- Sec. 1513 Cellulosic Biomass and Waste-Derived Ethanol Conversion Assistance

FY04 \$100 million
FY05 \$250 million
FY06 \$400 million
= \$750 million

Subtitle B – Underground Storage Tank Compliance

- Sec. 1531 Authorization of Appropriations

To carry out subtitle I - \$50 million each year FY04-08 = \$250 million
To carry out section 9003(h) (except 9003(h)(12)) - \$200 million each year for
FY04-08 = \$1.0 billion
To carry out section 9003(h)(12) - \$200 million each year for FY04-08 = \$1.0
billion
To carry out section 9004(f) and 9005(c) - \$100 million each year for FY04-08 =
\$500 million
To carry out sections 9011 and 9012 - \$55 million each year for FY04-08 = \$275
million

Title XVI – Studies