



ENERGY BILL TIMELINE

Additional timelines
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Title I – Energy Efficiency Implementation Milestones

The following are milestone activities required in Title I of the energy bill. Other milestone requirements can be found under their individual titles or within our timelines organized by agency.

Disclaimer: Activities in the timeline are selected by EEI for use by EEI and its members. The list of activities is not intended to be inclusive of the entire energy bill.

60 days after enactment:

Energy Efficiency

- **DOE Energy Efficiency Pilot Program:** The Secretary shall establish a pilot program under which DOE provides financial assistance to at least 3 but not more than 7 states to carry out pilot projects for planning and adopting statewide programs that encourage energy efficiency and reduction in consumption of electricity and natural gas. (beginning in FY06, which begins 10/1/2005) §140

90 days after enactment:

Energy Conservation

- **FTC Energy Labeling Rulemaking;** The Commission shall initiate a rulemaking to consider the effectiveness of the consumer products labeling program in assisting customers in making purchasing decisions and improving energy efficiency and any changes to the labeling rules. The FTC shall complete the rulemaking within 2 years of enactment. §137
- **DOE Clothes Washer & Dishwasher Energy Star Levels:** The Secretary shall establish new Energy Star levels by 1/1/2006 to be effective on 1/1/2007. §131

180 days after enactment:

Congressional Buildings

- **Architect of Capitol Energy Conservation Plan:** The Architect of the Capitol shall submit a plan to Congress containing a strategy for developing, updating, and implementing a cost-effective energy conservation and management plan for all facilities administered by Congress. §101

Energy Conservation

- **DOE Conservation Exclusion Guidelines:** The Secretary shall issue guidelines that establish criteria for exclusions from the National Energy Conservation Policy Act Section 543(c)(2). §102
- **DOE Federal Building Metering:** The Secretary of Energy shall establish guidelines for electric metering in federal buildings for efficient energy use. Each agency shall submit to the Secretary of Energy a plan describing how the agency will implement metering requirements 180 days after the guidelines are established. §103
- **DOE Failure to Comply Report:** The Secretary shall submit a report to Congress regarding each new or revised appliance energy standard which the Secretary has failed to issue in conformance with the deadlines established in the Energy Policy and Conservation Act. §141

Public Awareness

- **DOE HVAC Efficiency Public Awareness Program:** The Secretary shall carry out a program to educate homeowners and small business owners concerning energy savings from properly conducted maintenance of air conditioning, heating, and ventilating systems. §132
- **DOE Energy Efficiency Public Awareness Program:** The Secretary shall convene an organizational conference for the purpose of establishing an ongoing, self-sustaining national public energy education program on conservation, energy efficiency, the role of energy use in the economy and its impact on the environment. §133

1 year after enactment:

Congressional Buildings

- **DOE Energy Efficiency Rulemaking:** The Secretary shall establish, by rule, revised federal building energy efficiency performance standards for new federal buildings. §109

Energy Efficiency

- **DOE Energy Efficient Utilities Study:** The Secretary, in consultation with the National Association of Regulatory Utility Commissioners and the National Association of State Energy Officials, shall conduct a study of State and regional policies that promote cost-effective programs operated by electric and gas utilities to reduce energy consumption and submit a report to Congress with results and recommendations. §139
- **DOE Ceiling Fan Standards:** The Secretary shall establish and issue energy efficiency requirements for ceiling fans and ceiling fan light kits. §135
- **HUD Energy Strategy Report:** The Secretary must submit a report to Congress on efforts to develop and implement an integrated strategy to reduce utility expenses through cost effective energy conservation and efficiency measures and energy efficient design and construction of public and assisted housing. §154

18 months after enactment:

Standards

- **DOE Battery Charger and External Power Supply Rulemaking:** The Secretary shall prescribe, by rule, definitions and test procedures for the power use of battery chargers and external power supplies. §135
- **DOE Battery Charger and External Power Supply Workshop:** The Secretary shall hold a scoping workshop to discuss and receive comments on energy efficiency standards for battery chargers and external power supply. §135
- **FTC Energy Labeling Rulemaking;** The FTC shall issue, by rule, labeling requirements for the electricity used by ceiling fans. §137
- **DOE Daylight Savings Time Change & Report:** As of 3/1/2007, daylight savings time starts on the second Sunday in March and ends on the first Sunday in November. DOE shall report to Congress on the impact of the extension of daylight savings time on energy consumption in the U.S by 12/1/2007. §110

2 years after enactment:

Standards

- **DOE Vending Machine Standards:** The Secretary shall prescribe testing procedure requirements for refrigerated bottled or canned beverage vending machines. §135

3 years after enactment:

Standards

- **DOE Battery Charger Rulemaking:** The Secretary shall issue a final rule that determines whether energy conservation standards shall be issued for battery chargers and external power supplies. Any standard that is issued shall apply to products manufactured 3 years after the date of issuance. §135

3.5 years after enactment:

Standards

- **DOE Commercial Refrigerator Standards Rulemaking;** The Secretary shall issue no later than 1/1/2009, by rule, standard levels for ice-cream freezers, self-contained commercial refrigerators, freezers, and refrigerators-freezers without doors, and remote condensing commercial refrigerators, freezers, and refrigerator-freezers, with standard levels effective for equipment manufactured on or after 1/1/2012. The Secretary shall issue a final rule by 1/1/2013 to determine whether these standards should be amended. §136

4 years after enactment:

Standards

- **DOE Vending Machine Standards:** The Secretary shall prescribe, by rule, energy conservation standards for refrigerated bottled or canned beverage vending machines. §135
- **DOE Energy Star Compact Fluorescent Lamps Rulemaking:** The Secretary shall publish a final rule to determine whether energy conservation standards for compact fluorescent lamps should be amended by 10/1/2009. §135
- **DOE Commercial Equipment Energy Efficiency Standards:** As of 1/1/2010, new efficiency standards go into effect for commercial refrigerators, freezers, refrigerator freezers, commercial ice makers, and small/large/very large commercial packaged heating and air conditioning equipment. §135

Public Awareness:

- **DOE Energy Efficiency Public Information Initiative Report:** The Secretary shall submit a report to Congress describing the effectiveness of the Energy Efficiency Public Information Initiative by 7/1/2009. §134

5+ years after enactment:

Energy Efficiency

- **DOE Energy Performance Requirements Report:** The Secretary shall review the results of the implementation of the federal building energy performance requirement and make recommendations concerning energy performance requirements for 2016-2025 by 12/31/2014. §102
- **DOE Federal Building Metering:** All federal buildings shall be metered for efficient electric energy use by 2012 according to guidelines established by the Secretary of Energy. §103
- **DOE Voluntary Energy Reductions Report:** The Secretary shall submit to Congress a report that evaluates the sources of the voluntary agreements with industry and provides independent verification of a sample of the energy savings estimates by 6/30/2012 and 6/30/2017. §106

No deadline currently established:

Renewable Fuels

- **DOE Renewable Fuels Report:** The Secretary shall report to Congress on the use of renewable fuels in providing assistance under the Low-Income Home Energy Assistance Act of 1981. §121

Appliance Standards Implementation:

Effective Dates

- **Appliance Energy Efficiency Standards:** On 1/1/2006 new national energy efficiency standards take effect for illuminated exit signs, torchieres, traffic signals, compact fluorescent lamps, and commercial pre-rinse spray valves. §135
- **Appliance Energy Efficiency Standards:** On 1/1/2007, new energy efficiency standards take effect for ceiling fans, ceiling fan light kits, commercial clothes washers, and low voltage dry-type transformers. §135, 136
- **Appliance Energy Efficiency Standards:** Dehumidifiers manufactured on or after 10/1/2007 shall be subject to national energy factor requirements. §135
- **Mercury Vapor Lamp Phase-Out:** As of 1/1/2008, mercury vapor lamp ballasts can no longer be manufactured or imported. §135
- **Appliance Energy Efficiency Standards:** New efficiency standards go into effect 8/8/2008 for unit heaters. §135
- **Appliance Energy Efficiency Standards:** New efficiency standards go into effect for certain fluorescent lamp ballasts on 7/1/2009. §135

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Title II – Renewable Energy

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60 days after enactment:

Photovoltaic

- **GSA Evaluation Program:** Shall establish a photovoltaic solar energy systems evaluation program to evaluate such systems required in public buildings. §204

180 days after enactment:

Geothermal

- **Coordination of Geothermal Leasing and Permitting on Federal Lands (DOI & USDA) :** Enter into and submit to Congress a MOU regarding leasing and permitting for geothermal development of public land and National Forest System land. §225

Other

- **DOE Assessment of Renewable Energy Resources:** Review available assessments of U.S. renewable energy sources, undertake new assessments if necessary. (annually thereafter) §201
- **DOE Renewable Fuel Inventory Report:** Submit report to Congress containing an inventory of renewable fuels available for consumers; and a projection for future inventories based on incentives of this section. §206

1 year after enactment:

Other

- **DOE Assessment of Renewable Energy Resources:** Report on available renewable energy resources in the U.S. (annually thereafter) §201
- **DOI Report on Insular Areas:** Submit to Congress updated plans for each insular area required by this section. §251

18 months after enactment:

Other

- **DOE Report on Status of Federal Purchasing Requirement:** Not later than April 15, 2007, provide report to Congress on the progress of the federal government in meeting the renewable energy consumption goals of this section. (every 2 years thereafter) §203

2+ years after enactment:

Geothermal

- **DOI Assessment of Geothermal Energy Potential:** Not later than 3 years following enactment, as the availability of data and developments in technology warrants, update and submit to Congress the Assessment of Geological Resources made during 1978. §226

Biomass

- **USDA Assessment of Biomass Grant Programs:** Not later than October 1, 2010, USDA shall submit to Congress a report describing the results of the Biomass Commercial Use Grant Program and the Improved Biomass Use Grant Program. §210

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Title III – Oil & Gas Implementation Milestones

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As soon as practicable after enactment:

[Leasing/Royalties](#)

- **DOI Oil & Gas Regulations:** The Secretary shall issue regulations for competitive leasing of oil and gas in the National Petroleum Reserve in Alaska. §347

30 days after enactment:

[LNG](#)

- **States LNG Report:** A State agency has 30 days after enactment to file an advisory report related to any applications pending at FERC as of the date of enactment. §311

45 days after enactment:

[Leasing/Royalties](#)

- **DOI Hydrocarbon Leasing Regulation:** DOI shall issue regulations to implement leasing provisions. §350
- **DOI Oil/Gas Royalties Report:** DOI shall report on managing federal oil/gas revenue by 9/30/06. §342

60 days after enactment

LNG

- **FERC LNG Regulations:** The Commission shall promulgate regulations on the National Environmental Policy Act of 1969 pre-filing process. §311

90 days after enactment:

Leasing/Royalties

- **DOI Oil Shale Report:** The Secretary shall report to Congress on interim actions to develop an oil shale leasing program. §369

Utility Corridors

- **DOI Federal Permit Streamlining Pilot Project MOU:** The Secretary must enter into an MOU with USDA, EPA, ACoE to conduct a pilot study on streamlining permits for energy development projects on federal lands. §365

180 days after enactment:

Other

- **DOI Inventory Report:** The Secretary shall report to Congress on the inventory of oil and natural gas resources beneath the waters of the outer continental shelf. §357
- **FERC Natural Gas Transparency Rulemaking:** May prescribe rules to provide for the dissemination, on a timely basis of information about the availability and prices of natural gas sold. §316

Leasing/Royalties

- **DOI & USDA Oil/Gas Leasing MOU:** DOI and USDA must sign an MOU regarding oil and gas leasing on public lands. §363
- **DOI Oil/Gas Royalty Relief Regulation:** Must issue regulations granting royalty relief and provide royalty incentives for natural gas production from extra deep wells in shallow waters in the Gulf of Mexico. §344
- **DOI & USDA Oil/Gas Leasing Practices Report:** An internal review of federal onshore oil/gas leasing/permitting practices. §361
- **DOI Oil/Gas Production Incentive Rulemaking:** The Secretary shall begin any rulemakings granting royalty relief to promote oil/natural gas production from gas hydrate resources on the outer Continental Shelf within 180 days and shall complete them within 1 year. §353

- **DOI Gas Hydrate Royalty Relief Rulemaking:** The Secretary shall publish advanced notice of proposed rulemaking within 180 days and shall complete implementation within 1 year. §353

Utility Corridors

- **DOE Energy Rights-of-Way MOU:** The Secretary shall sign an MOU with DOI, USDA, and DOD, to coordinate environmental reviews of proposed utility facilities in their respective jurisdictions. §372

Other

- **DOI Oil & Natural Gas Production Rulemaking:** The Secretary shall publish advanced notice of proposed rulemaking on oil and natural gas production through carbon dioxide injection within 180 days and shall complete implementation within 1 year. §354
- **DOI Petroleum Reserves Report:** The Secretary shall submit to Congress a report that describes the activities of the Office of Petroleum Reserves. §369
- **DOI Mineral Rights Conveyance:** The Secretary shall convey the remaining mineral rights to the parties that hold a right, title, or interest to any portion of such minerals under the laws of the State of Louisiana. §374
- **DOE Oil/Gas Solicitation:** DOE shall publish a request for applications in the Federal Register for oil and natural gas production through carbon dioxide injection projects. Grant applications are due 180 days after publish of the RFA. §354

270 days after enactment:

Other

- **DOI Alternate Energy Uses Regulation:** Shall issue any necessary regulations for alternate energy related uses (for leases, rights of way, etc.) on the outer continental shelf. §388

300 days after enactment:

Other

- **DOI Hawaiian Oil Dependence Regulation:** Secretary shall report to Congress on the economic implications of dependence of Hawaii on oil as a principle source of energy. §355

1 year after enactment:

Utility Corridors

- **DOI & USDA Fair Market Value Determinations:** The Secretaries shall revise rental fee schedule for energy rights-of-way on public lands. §367

LNG

- **DOI, FERC & States LNG Forums:** Shall convene not less than 3 forums on LNG. §317
- **DOE, DOI, DOD Natural Gas Pipeline Permitting Report:** The Secretaries shall submit to Congress a report on how the agencies are working on permitting for natural gas pipelines. §372

Other

- **DOI & USDA Orphaned Wells on Federal Land Report:** Shall establish program and report to Congress on plans to reclaim or remediate abandoned wells on federal land. §349
- **DOI Geological and Geophysical Data Report:** Secretary shall submit a plan for the implementation of a program to archive geologic and geophysical data and provide a national catalog and technical assistance. §351

18 months after enactment:

Leasing/Royalties

- **DOI Outer Continental Shelf Regulation:** Shall establish a regulation for standards for royalty relief for oil/gas leases on marginal properties on the outer continental shelf. If not practical to issue regulations, the Secretary must provide a report to Congress explaining such determination. §343
- **DOI Oil/Gas Leasing Implementation:** Shall implement best practices for management of federal onshore oil/gas leasing programs. 180 days following implementation, the Secretary must publish proposed regulations. §362

2 years after enactment:

Utility Corridors

- **DOI, DOC, DOD, DOE, USDA Utility Corridors Designation:** The secretaries shall designate utility corridors on public lands in the 11 contiguous Western States. §368

Other

- **DOI Skilled Workers Report:** The secretary shall submit a report to Congress on the results of a study of the availability of skilled workers to meet the energy and mineral security needs of the U.S. §385

3 years after enactment:

Leasing/Royalties

- **DOI Low Income Energy Assistance Report:** Shall report on preference given for oil/gas royalties in-kind to provide additional resources for LIEA. §342

Other

- **DOI Permit Streamlining Report:** Shall report to Congress on the results of the Pilot Project to improve federal permit coordination for energy development projects. §365
- **DOI North Slope Science Initiative Report:** Shall publish a report that describes studies and findings of the initiative to implement efforts to coordinate collection of scientific data on the ecosystems of the North Slope of Alaska. (annually thereafter) §348
- **DOI Coalbed Methane Report:** Any state that is included on a list of affected states (established by the EPAct of 1992 under Section 1339(b)) by date of enactments shall be removed from the list. §387

4 years after enactment:

Utility Corridors

- **DOI, DOC, DOD, DOE, USDA Utility Corridors Designation:** The secretaries shall designate utility corridors on public lands in any state other than the 11 contiguous Western States previously designated (*refer to 2 years after enactment*). §368

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Title IV – Coal Implementation Milestones

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1 year after enactment:

- **DOE Clean Coal Power Initiative (CCPI) Report:** DOE shall submit a report to Congress outlining the status of projects in achieving CCPI technical targets. (every 2 years thereafter) §403

18 months after enactment:

- **DOE Clean Coal Power Initiative (CCPI) Report:** The Secretary shall submit a report to Congress containing a detailed assessment of whether the aggregate funding levels provided for CCPI are appropriate, a detailed description of how proposals will be solicited and evaluated, a detailed list of technical milestones, and a detailed description of how the program will avoid problems enumerated in the GAO reports on the Clean Coal Technology Program. (by 3/31/2007) §401

2 years after enactment:

- **DOI Coal Inventory Report:** The Secretary of Interior shall complete the inventory of coal resources on public lands and publish a report to Congress on coal resources available for development and any restrictions on development of resources on public lands. §437

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Title V – Indian Energy Implementation Milestones

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1 year after enactment:

- **DOE Energy Development Report:** DOE shall submit a report to Congress on the requirements of Indian tribes for energy development on Indian land. §503
- **DOE Tribal Energy Resource Agreement Regulations:** DOE shall promulgate regulations that implement criteria to be used in determining the experience of an Indian tribe in managing natural resources available for use by the Indian tribe in implementing the approved tribal energy resource agreement of the Indian tribe. §503
- **DOE Wind Energy Feasibility Report:** The Secretary of Energy with the Secretary of the Army shall submit a report to Congress that describes the results of a study of the cost and feasibility of developing a demonstration project that uses wind energy generated by Indian tribes and hydropower generated by the Army Corps of Engineers on the Missouri River. §503

2 years after enactment:

- **DOE Federal Power Allocations Report:** DOE shall submit a report to Congress describing the use by Indian tribes of federal power allocations of the power marketing administration. §503

No deadline currently established:

- **DOE R&D Program Regulations:** The Secretary of Energy may issue regulations to develop a program to support and implement R&D projects that provide Indian tribes with opportunities to participate in energy R&D projects. §503

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Title VII – Vehicles & Fuels Implementation Milestones

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30 days after enactment:

- **NHTSA Fuel Use Study:** The Administrator shall initiate a study of the feasibility and effects of reducing automobile fuel consumption by the 2014 model year. §773

60 days after enactment:

- **DOE Alternative Fuel Vehicles Report:** The Secretary shall report to Congress on progress of the Pilot Program to fund acquisition of alternative fueled vehicles. §721

90 days after enactment:

- **EPA Hybrid Vehicles Report:** Shall publish procedures in the federal register for demonstrating and verifying hybrid retrofit or conversion technology. §706
- **DOE Alternative Fuel Vehicles Grant Program:** The Secretary shall publish in the Federal Register, a request for applications to undertake projects under the pilot program for the acquisition of alternative fueled vehicles. §721
- **EPA Reduction of Engine Idling for Vehicles Program:** The Administrator shall establish a heavy duty idling reduction technology (truck stop electrification) deployment program in conjunction with DOT. (reports on grants/funding and projects 60 days after initial grants and annually thereafter) §756

180 days after enactment:

- **DOE Alternative Fueled Vehicles Report:** DOE shall submit a report to Congress on compliance with alternative fueled vehicle purchasing requirements. §705
- **EPA Idling Vehicles Report:** The Administrator shall publish a report of 1) mobile source air emission models to determine whether the models accurately reflect the emissions resulting from long-duration idling of heavy-duty vehicles and 2) emission reductions achieved by the use of new idle reduction technology. §756
- **EPA Heavy Duty Vehicles Study:** The Administrator shall complete a study of frequent heavy duty idling locations. §756
- **EPA Mobile Emissions Trading Report:** The Administrator must submit a report to Congress on the experience with the trading of mobile source emission reduction credits for use by owners and operators of stationary source emission sources to meet emission offset requirements within a nonattainment area. §752
- **Federal Fuel Cell Purchasing:** The head of any federal agency using stationary, portable, or micro-portable power sources shall lease or purchase a stationary or portable or micro fuel cell to meet energy goals. (by 1/1/06) §783
- **DOE Biodiesel Engine Testing Partnership:** The Secretary must initiate a partnership with diesel engine, diesel fuel injection system, and diesel vehicle manufacturers and diesel and biodiesel fuel providers, to include biodiesel testing in advanced diesel engine and fuel system technology. §757
- **DOE Energy Policy Act of 1992 Study:** The Secretary shall complete a study to determine the effect that titles III, IV, and V of EPAct of 1992 have had on the development of alternative fueled vehicle technology and shall issue a report on the study to Congress. §704

260 days after enactment:

- **DOE Hybrid Vehicles Report:** DOE shall submit a report to Congress that identifies grant recipients and describes the technologies to be funded under a program to improve technologies for the commercialization of hybrid/flexible fuel vehicles. (annually thereafter) §706

1 year of enactment:

- **NHTSA Fuel Use Report:** The Administrator shall report on the findings, conclusions, and recommendations from the study of the feasibility of reducing automobile fuel consumption by model year 2014. §773

18 months of enactment:

- **DOE Energy Savings Goals Using Fuel Cells Regulations:** The Secretary shall promulgate regulations for 2008-2010 to augment energy savings goals for federal agencies. The regulations will be reviewed by 12/31/2010, progress in meeting goals will be evaluated, and energy goals for vehicles will be set for the 2011-2015 timeframe. §782

2 years of enactment:

- **DOE Biodiesel Engine Testing Program Report:** The Secretary shall provide an interim report to Congress on the findings of the program, including a comprehensive analysis of impacts from biodiesel on engine operation for both existing and expected future diesel technologies, and recommendations for ensuring optimal emissions reductions and engine performance with biodiesel. §757

3+ years of enactment:

- **DOE Fuel Cell Buses Report:** The Secretary must submit a report to Congress that evaluates the process of converting natural gas infrastructure to accommodate fuel cell-powered school buses and assesses the results of the development and demonstration program under this section. (3 years) §743
- **Federal Fuel Cell Systems Purchase:** The Secretary of any federal agency using a fleet of vehicles shall lease or purchase fuel cell or hydrogen systems to meet energy goals. (by 2010) §782

No deadline currently established:

- **DOE Vehicle Fleet Program:** The Secretary may establish a cooperative program with State agencies managing motor vehicle fleets to encourage purchase of fuel cell vehicles by the agencies. §782
- **DOE Emergency Exemption:** Section 301 of the Energy Policy Act of 1992 is amended to include vehicles directly used in the emergency repair of transmission lines and in the restoration of electricity service following power outages, as determined by the Secretary. §707

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Title VIII – Hydrogen

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120 days after enactment:

- **President’s Hydrogen and Fuel Cell Technical Task Force:** Establish an interagency task force to exchange information and technology; maintain an inventory of fuel cell, hydrogen, and other advanced technologies; promote marketplace introduction of infrastructure for hydrogen fuel vehicles; and conduct an education program to provide hydrogen and fuel cell information to potential end-users. §806
- **DOE Report on Solar and Wind Technologies:** Submit report to Congress containing detailed summaries of the roadmaps prepared under subsections (a)(1) and (b)(1) of this title, descriptions of the Secretary’s progress in establishing projects and programs required under this section, and recommendations for promoting the availability of advanced solar and wind energy technologies for the production of hydrogen. §812

180 days after enactment:

- **DOE Fuel Cells or Hydrogen Programs:** Submit to Congress a plan for programs described in this title and any other programs of DOE that are directly related to fuel cells or hydrogen. §804

2+ years after enactment:

- **DOE Report on Fuel Cell and Hydrogen Technology:** Submit report to Congress on activities carried out by DOE under this title for fuel cell and hydrogen technology within 2 years. §811
- **DOE Review of Programs Under Sections 805 and 808:** Contract with NAS to review programs under Sections 805 and 808. First review to be completed no later than 5 years. Every four years thereafter. 45 days after DOE receives NAS’s review, submit NAS review to Congress along with a

plan to implement the review’s recommendations or an explanation for the reason a recommendation will not be implemented. §811

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Title IX – Research & Development Implementation Milestones

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90 days after enactment:

Energy Efficiency

- **DOE Lighting Advisory Board:** Shall competitively select an Industry Alliance to represent participants that are private, for-profit firms which, as a group, are broadly representative of U. S. solid state lighting R&D, infrastructure, and manufacturing expertise. §912
- **OSTP National Buildings Performance Initiative:** The Director of OSTP shall establish an interagency group to develop a National Building Performance Initiative. §913

Fossil Energy

- **DOE Deepwater Natural Gas Solicitation:** Shall solicit proposals for a consortium for ultra deepwater and unconventional onshore natural gas production R&D. §999B
- **DOE Methane Hydrates Program:** The Secretary, in consultation with the Secretaries of Commerce, Defense, Interior, and the Director of NSF, shall commence a program of methane hydrate research and development. §968

Renewable Energy

- **Congress Biobased Products Procedures:** The Architect of the Capitol, the Sergeant at Arms of the Senate, and the Chief Administrative Officer of the House of Representatives shall establish procedures for the procurement of biobased products. §943

Other

- **DOE International Cooperation Report:** The Secretary shall submit a report to Congress that describes U.S. and Israeli cooperation on energy research and development activities. §986

120 days after enactment:

Energy Efficiency

- **DOE Building Standards Assessment:** The Secretary shall enter into an agreement with the National Institute of Building Sciences to conduct an assessment of whether the current voluntary standards for high performance buildings are consistent with the current technological state of the art. §914

Fossil Energy

- **DOE Coal Report:** The Secretary shall identify & publish in the Fed. Register draft cost and performance goals for coal-based technologies that would permit the continued cost-competitive use of coal for electricity generation, as chemical feedstocks, and as transportation fuel. Cost & performance goals shall be identified during calendar years 2008, 2010, 2012, 2016, and annually after 9/30/2021. §962

180 days after enactment:

Energy Efficiency

- **DOE Electric Vehicle Batteries Solicitation:** Shall solicit proposals to demonstrate secondary use of batteries and associated equipment. Winners to be selected within 90 days of receipt of proposals. §915

Fossil Energy

- **DOE Coal Technologies Report:** The Secretary shall submit a report to Congress describing liquid fuels from low rank coal water slurry, solid fuels from feedstocks, advanced coal-related research, advanced separation technologies, and fuel cells for the operation of syngas derived from coal. (every 4 years thereafter) §962

Renewable Energy

- **DOE Biomass Solicitation:** DOE to solicit proposals for demonstration of advanced biorefineries. §932

Science

- **DOE Fusion Energy Report:** Shall report to Congress with a plan for the fusion energy R&D program. §972

- **DOE Fission & Fusion Energy Report:** Along with the budget request of the President submitted to Congress for fiscal year 2007, the Secretary shall establish a research and development program on material science issues presented by advanced fission reactors and the fusion energy program of the Department. §978
- **DOE Spallation Neutron Source:** Must report to Congress with the 2007 annual budget request a report on progress on the Spallation Neutron Source Project. §980

270 days after enactment:

Fossil Energy

- **DOE Deepwater Natural Gas Advisory Board:** The Secretary shall establish the Ultra Deepwater Advisory Committee to advise the Secretary on the development and implementation of programs under this chapter related to ultra-deepwater natural gas and other petroleum resources. §999D
- **DOE Deepwater Natural Gas Advisory Board:** The Secretary shall establish the Unconventional Resources Technical Advisory Committee to advise the Secretary on the development and implementation of programs under this chapter related to ultra-deepwater natural gas and other petroleum resources. §999D

1 year of enactment:

Energy Efficiency:

- **DOE Buildings Report:** The interagency group shall submit to Congress a plan for carrying out the appropriate Federal role in the Initiative, to include R&D plans. §913

Fossil Energy

- **DOE Deepwater Natural Gas Report:** Must submit an annual plan to Congress for the ultra deepwater and unconventional onshore natural gas production R&D with input from a consortium. §999B

Nuclear Energy

- **DOE Alternative Radioactive Sources:** The Secretary shall submit to Congress the results of a survey of industrial applications of large radioactive sources. The Secretary shall also submit to Congress a report describing the details of the program plan, both by 8/1/06. §957

Renewable Energy

- **DOE & USDA Biomass R&D Initiative:** Shall publish annually one or more joint requests for proposals and grants, contracts, and assistance. §941

- **USDA Biobased Product Report:** The Secretary shall submit to Congress a report on the potential for widespread production of commercial and industrial biobased products through 2025. §948

Other

- **DOE R&D Coordination Plan:** The Secretary shall develop a coordination plan to improve coordination and collaboration in research, development, demonstration, and commercial application activities across Department organizational boundaries. §994
- **DOE INL Facilities Plan:** Must submit an Idaho National Laboratory Facilities plan to Congress. §955
- **DOE Equal Opportunity Practices Report:** Must submit a report to Congress on equal opportunity practices at the National Laboratories. §992
- **DOE Arsenic Removal Program:** The Secretary shall submit to Congress a report on the assessment of the arsenic removal program. §979

18 months of enactment:

Renewable Energy

- **DOE Concentrating Solar Power Report:** The Secretary submit a report with the 2008 budget request assessing the potential impact of technology used to concentrate solar power for electricity. §933

Science

- **DOE Science and Energy Infrastructure Report:** The Secretary shall submit a report to Congress with the FY08 budget request outlining the strategy for managing the scientific facilities supported by the Office of Science. §993

Other

- **DOE Advanced Technology Centers:** The Secretary shall establish Advanced Energy Technology Transfer Centers at non-profits, states, and universities (or consortia thereof). §917

2 years of enactment

Fossil Energy

- **DOI Oil & Gas Report:** The Secretary, in consultation with other appropriate Federal agencies, shall submit to Congress a report on the latest estimates of natural gas and oil reserves, reserves growth, and undiscovered resources in Federal and State waters off the coast of Louisiana, Texas, Alabama, and Mississippi. (every 2 years thereafter) §965

- **DOE Methane Hydrates Report:** The methane hydrate advisory panel shall submit to Congress a report that contains an assessment of the methane hydrate research program; and an assessment of the 5-year research plan of the Department of Energy. §968

Renewable Energy

- **USDA Biobased Product Report:** The Secretary shall submit to Congress an analysis of economic indicators of the biobased economy. §948

Science

- **DOE Science and Engineering Pilot Program Report:** The Secretary shall submit a report to Congress outlining lessons learned and recommendations for expanding the program. §983

T&D

- **DOE T&D Report:** The Secretary shall submit a report to Congress on progress made on T&D R&D and identifying any additional resources needed to continue the development and commercial application of transmission and distribution of infrastructure technologies. §925

3 years of enactment:

Renewable Energy

- **DOE Biofuels Reverse Auction:** The first reverse auction shall be held on the earlier of not later than 1 year of annual production in the U.S. of 100,000,000 gallons of cellulosic biofuels or not later than 3 years after enactment. §942

Science

- **DOE Catalysis Report:** The Secretary shall contract with NAS for a review of the catalysis research program and submit a report to Congress. (every 3 years thereafter) §973
- **DOE Rare Isotope Accelerator Construction:** The Secretary shall commence construction no later than 9/30/08. §981

4 years of enactment:

Fossil Energy

- **DOE Methane Hydrates Report:** The Secretary shall offer to enter into an agreement with the National Research Council under which the National Research Council shall conduct a study of the progress made under the methane hydrate research and development program implemented under this Act and make recommendations for future methane hydrate research and development needs by 9/30/09. §968

5 years of enactment:

Renewable Energy

- **DOE Concentrated Solar Power Report:** The Secretary shall provide to Congress a report on the economic and technical potential for electricity or hydrogen production, with or without cogeneration, with concentrating solar power, including the economic and technical feasibility of potential construction of a pilot demonstration facility suitable for commercial production of electricity or hydrogen from concentrating solar power. §933

Other

- **DOE Technical Review:** Technical reviews of departmental programs shall be conducted every 5 years and the Secretary shall submit a report to Congress describing the results. §990

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Title X – Department of Energy Management

The following are milestone activities required in Title X of the energy bill. Other milestone requirements can be found under their individual titles or within our milestones organized by agency.

Disclaimer: Activities in timeline are selected by EEI for use by EEI and its members. The list of activities is not intended to be inclusive for all audiences.

90 days after enactment:

- **DOE Issued Guidelines on Transactions:** Shall issue guidelines for entering into transactions (other than contacts, cooperative agreements, and grants). §1007

180 days after enactment:

- **DOE Technology Transfer Execution Plan:** Submit to Congress a technology transfer execution plan. (annually thereafter) §1001

2+ years after enactment:

- **DOE Technology Infrastructure Program Report:** Submit report to Congress not later than July 1, 2008 on whether the Technology Infrastructure Program should be continued and, if so, how the program should be managed. §1002
- **DOE Report on University Collaboration:** Submit report to Congress that examines the feasibility of promoting collaborations between universities and the Secretary for energy projects within 2 years. §1010

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Title XI – Personnel and Training

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1 year after enactment:

- **DOE Report on the Energy Technology Industry:** Submit report to Congress on current trends in the energy technology industry and provide recommendations to meet future labor requirements for this industry. §1101

2 years after enactment:

- **DOE Report on Educational Programs in Science and Mathematics:** Submit report to Congress on results of the Department of Education study on the priorities, quality, local and regional flexibility, and plans for educational programs at Department research and development facilities. §1102
- **DOE Report on Partnerships with Historically Black, Hispanic and Tribal Universities:** Submit report to Congress describing the activities (collaborative research, equipment transfer, training, and mentoring) carried out under this section. §1105

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Title XII – Electricity Implementation Milestones

The following are milestone activities required in Title XII of the energy bill. Other milestone requirements can be found under their individual titles or within our timelines organized by agency.

Disclaimer: Activities in the timeline are selected by EEI for use by EEI and its members. The list of activities is not intended to be inclusive of the entire energy bill.

90 days after enactment:

[PUHCA Repeal](#)

- **FERC Federal Books & Records Rulemaking:** FERC must issue a final rule exempting any person that is a holding company from the federal books and records requirement, under PUHCA of 2005, solely with respect to one or more qualifying facilities, exempt wholesale generators, and foreign utility companies. §1266

[Transmission](#)

- **DOE, DOI, USDA, & CEQ Transmission Siting Report:** Joint report to Congress on transmission corridors on federal lands. §1221

[Economic Dispatch](#)

- **DOE Economic Dispatch Study:** Study of benefits of economic dispatch. (annually thereafter) §1234

120 days after enactment:

[PUHCA Repeal](#)

- **FERC PUHCA Rulemaking & Report:** FERC must promulgate implementing regulations for the PUHCA subtitle and submit recommendations to Congress for technical and conforming amendments. §1272
- **FERC PUHCA Single State Exemption Rulemaking:** FERC must issue rules to exempt any utility operating substantially within a single state from requirements authorizing FERC to determine allocation of non-power costs among utility companies in a holding company system. §1275

180 days after enactment:

Transmission

- **FERC Reliability Rulemaking:** Must establish requirements and implement a final rule for ERO jurisdiction. §1211

PURPA Amendments

- **FERC PURPA Cogeneration & Small Power Production Rulemaking:** Must issue a rule revising the criteria for new qualifying facilities seeking to sell electric energy pursuant to PURPA Section 210. §1253
- **DOE PURPA Demand Response Report.** Must report to Congress on policy recommendations on national benefits of demand response. §1252

Other

- **FERC MOU Conclusion:** FERC shall conclude MOU with the CFTC relating to information sharing regarding facilitating price transparency. §1281

1 year after enactment:

Transmission

- **FERC Transmission Rights Rulemaking:** Must issue rule or order on long-term firm transmission rights for long-term power supply arrangements in transmission organizations with organized electricity markets. §1233
- **FERC Transmission Incentives Rulemaking:** Must issue a rule providing transmission rate incentives to benefit consumers by ensuring reliability and reducing the cost of delivered power by reducing transmission congestion. §1241
- **DOE Transmission Congestion Study:** In conjunction w/states, must conduct a study of transmission congestion to designate “national interest electric transmission corridors.” (every 3 years thereafter) §1221
- **DOE Transmission Siting MOU:** Must establish MOU with other federal agencies for coordinated review/permitting of transmission facilities. §1221

Economic Dispatch

- **FERC Economic Dispatch Report:** Must submit a report to Congress regarding recommendations of regional joint boards convened to study the issue of security constrained economic dispatch for the various market regions. §1298

PURPA Amendments

- **FERC PURPA Demand Response Report:** FERC must prepare an annual report, by appropriate region, that assesses demand response resources, potential, and regulatory barriers. §1252
- **States PURPA Demand Response Programs:** States must begin considering smart metering and demand response programs within 1 year of enactment and complete and make a determination within 2 years of enactment. PURPA Amendment Section 111 (d). §1252
- **States PURPA Interconnection Standard Determination:** States must consider adopting new standard on interconnection, to be completed within 2 years. §1254

18 months after enactment:

Transmission

- **DOE Transmission Siting Regulations:** DOE shall establish regulations on federal siting provisions. §1221

2 years after enactment:

PURPA Amendments

- **States PURPA Demand Response Programs:** States must make a determination with regard to smart metering and demand response programs within 1 year of enactment. PURPA Amendment Section 111 (d). §1252
- **States PURPA Net Metering & Fuel Efficiency Consideration:** States must consider net metering, fuel diversity and fossil fuel efficiency in PURPA Amendment Section 111 (d). To be started within 2 years of enactment and completed within 3 years of enactment. §1251

No deadline currently established:

Merger Reform

- **FERC Merger Reform Rulemaking:** FERC shall, by rule, adopt procedures for the expeditious consideration of applications for the approval of dispositions, consolidations, or acquisitions. (likely to be done within 6 months of enactment) §1289
- **FERC Merger Reform Rulemaking:** FERC may revise its merger policy to reflect changes or do so on a case-by-case basis. §1289

Transmission

- **FERC Transmission Siting Rulemaking:** FERC shall issue rules specifying the information to be contained in a permit application for transmission siting. §1221

- **FERC Transmission Nondiscriminatory Rulemaking:** FERC may, by rule or order, require unregulated transmitting utility to provide open access transmission services. §1231
- **FERC Certification of an ERO:** FERC may certify an ERO if they determine that the ERO has the ability to enforce reliability standards and has established rules to assure its independence, allocate reasonable dues, provide fair and partial procedures for enforcement of reliability standards, etc. §1211
- **FERC ERO Regulations:** FERC shall issue regulations authorizing ERO delegation of authority to a regional entity. §1211
- **FERC Advanced Transmission Technologies Rules:** FERC may issue rules or policy to implement requirements to encourage advanced transmission technologies. §1223
- **Presidential International Agreements:** The President is urged to negotiate international agreements with Canada & Mexico on reliability standards. §1211

PUHCA Repeal:

- **FERC Books & Records Requirements:** May issue rules establishing books and records access requirements (may be linked to 90-day rulemaking on books and records exemptions and 120-day required PUHCA repeal implementation rulemakings). §1264

PURPA Amendments

- **FERC PURPA Cost Recovery Regulations:** FERC shall issue regulations to assure recovery of PURPA costs. §1253
- **FERC Ownership Limitations Rulemaking:** FERC may issue a rule eliminating ownership limitations on qualifying facilities. §1253

Other

- **FERC Participant Funding Rules:** FERC may issue rules or policy to implement participant funding provision. §1242
- **FERC Market Transparency Rulemaking:** FERC may issue rules establishing an electronic information system to provide FERC and the public with access to necessary information for facilitating price transparency and participation in markets subject to FERC jurisdiction. §1281
- **FERC Market Manipulation Rulemaking:** FERC may issue rules and regulations prohibiting market manipulations. §1283
- **FERC Refund Authority Rulemaking:** FERC may prescribe rules implementing muni refund authority provision. §1286
- **FTC Consumer Protection Rulemaking:** The FTC may issue rules on consumer privacy and unfair trade practices. §1287

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Title XIV – Miscellaneous Implementation Milestones

The following are milestone activities required in Title XIV of the energy bill. Other milestone requirements can be found under their individual titles or within our timelines organized by agency.

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60 days after enactment:

- **Presidential U.S. Commission on North American Energy Freedom:** The President shall appoint 16 members knowledgeable on energy issues to this Commission. The Commission shall submit a report to Congress and the President on its findings and recommendations regarding North American energy freedom within 1 year of enactment. §1423

120 days after enactment:

- **DOE National Priority Project Designation:** The Secretary shall publish in the Federal Register, an invitation and guidelines for submitting applications. §1405

6 months after enactment:

- **DOE Oil Refinery Health Assessment Report:** The Secretary shall conduct a study and produce a report for Congress of direct and significant health impacts to persons resulting from living in proximity to petrochemical and oil refinery facilities. §1404

No deadline currently established:

- **DOE Cold Cracking Study:** The Secretary shall conduct a study of the application of radiation to petroleum at standard temperature and pressure to refine petroleum products, whose objective shall be to increase economic yield from each barrel of oil. §1406

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Title XVI – Climate Change

The following are milestone activities required in Title XVI of the energy bill. Other milestone requirements can be found under their individual titles or within our milestones organized by agency.

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180 days after enactment

- **President’s Committee on Climate Change Technology:** The President shall establish a Committee on Climate Change Technology to integrate current federal climate reports; and coordinate federal climate change technology activities and programs to further the national climate change technology policy developed in this section. §1601
- **DOE Climate Change Technology Program:** DOE, in consultation with the Committee on Climate Change Technology, shall establish the Climate Change Technology Program to assist the Committee in the interagency coordination of climate change technology research, development, demonstration, and deployment to reduce greenhouse gas intensity; and carry out the programs authorized under this section. §1601

180 days after October 1, 2005 (effective date of §1611)

- **Interagency Working Group Performance Reviews and Reports:** Conduct performance review of actions taken by the federal government to promote the export of greenhouse gas intensity reducing technologies; and submit report to Congress describing results of the performance reviews. (annual review thereafter) §1611
- **DOS Greenhouse Gas Emissions Report:** Submit to Congress an initial report that identifies the 25 developing countries that are the largest greenhouse gas emitters and detailed information for each country, including an estimate of the quantity and types of energy used; an estimate of the greenhouse gas intensity of various sectors; and a description of the progress of any projects undertaken to reduce greenhouse gas intensity. An update of this initial report due 18 months later. §1611

1 year after enactment

- **DOE’s Climate Change Technology Advisory Committee:** The Advisory Committee (established by DOE, in consultation with the Committee on Climate Change Technology) shall submit to the Committee on Climate Change Technology a report that contains findings and any recommendations for the removal or reduction of barriers to the commercialization and deployment of greenhouse gas intensity reducing technologies and practices. (annually thereafter) §1601

1 year after October 1, 2005 (effective date of §1611)

- **USTR Identification of Trade Barriers:** Identify trade barriers maintained by foreign countries to the export of greenhouse gas intensity reducing technologies; and negotiate with foreign countries to reduce those barriers. Annually thereafter, submit to Congress a report that describes any progress made with respect to removing the barriers described by the USTR §1611

18 months after enactment

- **Report on Greenhouse Gas Intensity Reducing Technology Deployment:** The Committee on Climate Change Technology shall report (based on Advisory Committee report) to the President and Congress on any barriers to, and commercial risks associated with, the deployment of greenhouse gas intensity reducing technologies; and include a plan for carrying out demonstration projects. An update is due every five years thereafter, or more frequently as the Committee determines. §1601
- **Develop National Climate Change Technology Policy:** The Committee on Climate Change Technology shall submit to the Secretary and President a national strategy to promote the deployment and commercialization of greenhouse gas intensity reducing technologies and practices developed through research and development programs. An update is due every five years thereafter, or more frequently as the Committee determines. §1601

No deadline currently established

- **DOE Technology Inventory Report of Greenhouse Gas Intensity Reducing Technologies:** 180 days after completing a technology inventory of National Laboratories, institutions of higher education, and the private sector, submit to Congress a report that includes the results of this completed inventory (unscheduled) and any recommendations. §1601
- **DOS & DOE Report on Technology Inventory of Greenhouse Gas Intensity Reducing Technologies in Developing Countries:** 180 days after completing an inventory of technologies in the U.S. that are suitable for transfer, deployment and commercialization to developing countries,

jointly submit to Congress a report that includes the results of this inventory (unscheduled), identifies obstacles to the use of the inventoried technologies, etc. §1611

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Title XVIII – Studies

The following are milestone activities required in Title XVIII of the energy bill. Other milestone requirements can be found under their individual titles or within our milestones organized by agency.

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90 days after enactment:

Electricity-Related Provisions

- **DOE Study/Report on Benefits of Economic Dispatch:** Study/Report on benefits of revising economic dispatch to improve ability of non-utility generation resources to be included in economic dispatch. (annual reports thereafter) §1832

Renewable/ Alternative Fuels

- **DOI Study on Renewable Energy on Federal Lands:** DOI shall contract with NAS for a study on the potential for developing renewable energy on federal lands. No later than 2 years, submit to Congress study results. §1833
- **DOI Report on Potential Hydropower Facilities:** Submit to Congress a report describing the status of potential hydropower facilities included in studies undertaken by the Secretary for projects that have not been completed or authorized for construction. §1840

120 days after enactment:

Renewable/ Alternative Fuels

- **DOE Study/Report on Passive Solar Technology:** Conduct study on passive solar technology, including electricity displaced, and report results to Congress. §1826

Other

- **DOE Study/Report on Impact of International Energy Requirements on National Security:** Consult DOD and DHS and conduct a study and report to the President and Congress on the

implications of growing energy requirements of China on the political, strategic, economic, or national security interests of the U.S. §1837

180 days after enactment:

Electricity-Related Provisions

- **FERC&DOE Transmission System Monitoring Report:** Submit report to Congress on the steps taken to establish a system to provide real-time information on the functional status of transmission lines within the Eastern and Western Interconnection. §1839
- **DOE Electrical Contaminant:** Contract with NAS to determine the effect that electrical contaminants may have on the reliability of energy production systems, including nuclear energy. §1822
- **Final Action on Refunds for Excessive Charges:** By 12/31/05 FERC shall report to Congress on its progress in concluding its investigation into the unjust or unreasonable changes incurred by California during the 2000-20001 electricity crisis, and ensuring that refunds the Commission determines are owed to the State of California are paid to the State of California. §1824

Oil & Gas

- **DOE Natural Gas Supply and Demand Report:** Submit report to Congress on natural gas supply and demand. §1818
- **FERC Report on Alaska Natural Gas Pipeline:** Submit report to Congress every 180 days on the progress made in licensing and constructing the pipeline. §1810

Other

- **Review of Energy Policy Act of 1992 Programs:** Conduct a study on the effect of Titles III, IV, and V of EAct 1992 on alternative fueled vehicle technology. §1831
- **DOI Report on Resolution of Federal Resource Development Conflicts in the Powder River Basin:** Report on alternatives to resolve conflicts between the development of federal coal and the development of federal and non-federal coalbed methane in the Power River Basin. §1836
- **AOC Study/Report on Conservation in Congressional Buildings:** Conduct study and report to Congress on the energy infrastructure of the Capitol complex to determine how to augment the infrastructure to become more energy efficient. §1829
- **DOE Telecommuting Study/Report:** Conduct study and report to the President and Congress on the conservation implications of the widespread adoption of telecommuting by federal employees in the U.S. §1803

1 year after enactment:

Electricity-Related Provisions

- **DOE Study/Report of Energy Efficiency Standards:** Contract with the NAS to conduct “site v. source” study and report to Congress on best way to measure energy efficiency. §1802
- **Collaborative Study/Report on Competitive Markets:** DOE, FERC, DOJ, FTC, and RUS will form an interagency task force to conduct a study and report to Congress on competition in wholesale and retail markets. §1815
- **DOE&DOI Indian Land Rights-Of-Way Study/Report:** Conduct study and report to Congress on fees paid for energy rights-of-way on tribal land and recommendations for fair and appropriate compensation. §1813
- **HHS LIHEAP Report:** Submit a report to Congress on how LIHEAP could be used more effectively to prevent loss of life in extreme temperatures. §1804
- **DOE Study/Report of Rapid Electrical Grid Restoration:** Analysis on the feasibility of using mobile transformers and mobile substations for rapid grid restoration. Submit report to President and Congress on study results. §1816

Oil & Gas

- **DOE Study/Report on Inventory of Petroleum and Natural Gas Storage:** Conduct study and report to Congress on petroleum and natural gas storage capacity and operational inventory levels, nationwide. §1801
- **DOE Backup Fuel Capability Study/Report:** Conduct a study and report to Congress on the effect of obtaining and maintaining liquid and other fuel backup capability at gas-fired facilities. §1812

Renewable/ Alternative Fuels

- **DOE Alternative Fuels Reports:** Submit to Congress reports on the potential for biodiesel and hythane to become major, sustainable, alternative fuels. §1823
- **DOE Hydrogen Participation Study/Report:** Conduct study and report to Congress on the results of an evaluation conducted on methodologies to ensure the widest participation practicable in setting goals and milestones under the DOE hydrogen program. §1819

Other

- **DOI&EPA Coalbed Methane Study/Report:** Contract with NAS for a study on the effect of coalbed natural gas production on surface and ground water resources. No later than 6 months after receipt of study results, report to Congress on their reaction to NAS study. §1811

18 months after enactment:

Electricity-Related Provisions

- **DOE Study/Report on Distributed Generation:** DOE in consultation with FERC, shall, conduct study and report to President and Congress on the potential benefits of cogeneration and small power production. Shall also analyze any rate-related issue that impedes expansion of cogeneration and small power production facilities. §1817

Renewable/ Alternative Fuels

- **DOI, DOE and Army Study/Report on Increased Hydroelectric Generation at Existing Federal Facilities:** Conduct a study and report to Congress on the potential for increasing electric power production capability at existing federal hydro facilities. §1834

Other

- **DOE Study/Report on Best Practices:** DOE shall enter into an agreement with National Academy of Public Administration to conduct study and report to Congress on the best management practices for research, development, and demonstration programs. §1821

2 years after enactment:

Other

- **DOE Study/Report on Link Between Energy Security and Increases in Vehicle Miles Traveled:** Contract with NAS to conduct study and report to Congress and DOE on the implications on energy use and efficiency of land development patterns in the U.S. §1827
- **DOE Study/Report on Availability of Skilled Workers:** Contract with NAS to conduct study and report to Congress on the short-term and long-term availability of skilled workers to meet the energy and mineral security requirements of the U.S. §1830

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