

August 3, 2005 Draft

ENERGY POLICY ACT OF 2005 REQUIREMENTS, DELIVERABLES, AND DEADLINES

The following table organizes the EPACT 05 requirements under three general headings: 1) Rulemakings, 2) Reports, and 3) Miscellaneous Mandatory requirements.

Within each of these general headings, the requirements are listed by title of the Act. Under each title the requirements are listed by DOE office to which the requirement is tentatively assigned and those requirements that are due the earliest are listed first under the office assigned.

Description	Section	Date Due From Enactment	DOE Lead Office
RULEMAKINGS			
Title I - Energy Efficiency			
Guidelines establishing exclusion guidelines for energy performance requirements for certain Federal buildings in which any energy intensive activities are carried out	102(e)	+180 days	EE
Guidelines establishing the use of energy metering in Federal buildings	103	+180 days	EE
Guidelines on the procurement of energy efficient products and the listing of the products in Federal catalogs	104(e)	+180 days	EE
Rule determining whether energy conservation standards shall be issued for test procedures for battery chargers and external power supplies or classes of battery chargers and external power supplies	135(c)	+18 months	EE
Revised energy efficiency performance standards for Federal buildings	109	+1 year	EE
Energy conservation standards and test procedures for ceiling fans and ceiling fan light kits	135(c)	+1 year	EE
Establishment of test procedures for refrigerated bottled or canned beverage vending machines	135(b)	+2 years	EE
Definitions and test procedures for the power use of battery chargers and external power supplies	135(c)	+3years	EE
Energy conservation standards for refrigerated beverage vending machines	135(c)	+4 years	EE

Description	Section	Date Due From Enactment	DOE Lead Office
Energy conservation standards for dehumidifiers	135(c)	1/1/09	EE
Energy conservation standards for ice-cream freezers, self-contained commercial refrigerators, freezers, and refrigerator-freezers without doors, and remote condensing commercial refrigerator, freezers, and refrigerator-freezers	136(c)	1/1/09	EE
Determination of the need to amend the energy conservation standards for commercial clothes washers	136(e)	1/1/10	EE
Determination of the need to amend the rule on establishing energy conservation standards for ice-cream freezers, self-contained commercial refrigerator, freezers, and refrigerator-freezers without doors, and remote condensing commercial refrigerator, freezers, and refrigerator-freezers	136(c)	1/1/13	EE
Determination of the need to amend the rule amending the energy conservation standards for ice-cream freezers, self-contained commercial refrigerator, freezers, and refrigerator-freezers without doors, and remote condensing commercial refrigerator, freezers, and refrigerator-freezers	136(c)	3 years after prior rule's effective date	EE
Determination of the technical feasibility and economic justification for establishment of energy conservation standards for automatic commercial ice makers	136(d)	1/1/15	EE
Determination of the need to amend the rule on the determination on the technical feasibility and economic justification for establishment of energy conservation standards for automatic commercial ice makers	136(d)	5 years after prior rule's effective date	EE

Description	Section	Date Due From Enactment	DOE Lead Office
Determination of the need to amend the rule amending the energy conservation standards for commercial clothes washers	136(e)	1/1/15	EE
Amendment of test procedures for commercial refrigerator, freezers, and refrigerator-freezers in response to issuance of new ASHRAE 117 test procedures	136(f)	+180 days from issuance of new ASHRAE 117	EE
Establishment of appropriate rating temperatures for small commercial package air conditioning and heating equipment, large commercial package air conditioning and heating equipment, packaged terminal air conditioners, packaged terminal heat pumps, warm-air furnaces, packaged boilers, storage water heaters, instantaneous water heaters, and unfired hot water storage tanks	136(f)	No date	EE
Title II - Renewable Energy			
Criteria for performance and quality standards for renewable energy sources eligible for weatherization funds	206(a)	No date	EE
Performance and quality standards for renewable energy sources eligible for weatherization funds	206(a)	No date	EE
Procedure under which a manufacturer may request that an item be treated as a renewable energy system, for weatherization funding purposes	206(a)	No date	EE
Specification of renewable energy systems for weatherization funding purposes	206(a)	No date	EE

Description	Section	Date Due From Enactment	DOE Lead Office
Title III - Oil and Gas			
Proposal of procedures to acquire petroleum to fill the SPR to 1,000,000,000-barrel capacity	301(e)	+120 days	FE
Promulgation of procedures to acquire petroleum to fill the SPR to 1,000,000,000-barrel capacity	301(e)	+180 days	FE
Title VI - Nuclear			
Interim final rulemaking to regulate contracts for risk insurance for advanced nuclear facilities.	638(g)	+270 days	NE
Final rulemaking to regulate contracts for risk insurance for advanced nuclear facilities	638(g)	+ 1 year	NE
Title VII - Vehicles and Fuels			
Regulation on savings goals for Federal vehicle fleets.	782(c)(2)(A)	12/31/06	EE
Second regulation on energy savings goals for Federal vehicle fleets.	782(c)(1)(B)	12/31/10	EE

Title IX - Research and Development			
Federal Register Notice requiring DOE to publish for public comment proposed draft cost and performance goals for coal-based technologies that would permit the continued cost-competitive use of coal for the production of electricity, chemical feedstocks, and transportation fuels	962(b)(2)(C)	+120 days	FE
Amendments to DOE procurement procedures for R&D cost share, merit review	988, 989	No date	ME
Title X - Department of Energy Management			
Guidelines for other transactions	1007	+90 days	ME
Title XII - Electricity			
Regulations implementing DOE role as lead agency for Federal authorizations and environmental reviews for transmission facilities	1221	+18 months	OE
Title XIII - Energy Policy Tax Incentives			
Regulations concerning special rules for clean renewable energy bonds for partnerships, trusts, S corporations, and other pass-through entities	1303(d)	+120 days	EE

Title XV - Ethanol and Motor Fuels			
Rulemaking to ensure that gasoline sold or introduced into commerce in the U.S. contains the applicable volume of renewable fuel	1501	+1 year	EE
Rulemaking to ensure that 25 percent or more of the quantity of renewable fuel necessary to meet applicable requirements is used during certain parts of the year	1501	any year a certain determination on use of renewable fuel is made	EIA

REPORTS			
Title I - Energy Efficiency			
Report on impact on energy consumption by the expansion of Daylight Savings Time	110	+9 months	EE
Report on findings of energy efficient electric and natural gas utilities study	139(c)	+1 year	EE
Report on the establishment of a program to inform the public on various aspects of energy efficiency	134(a)	7/1/2009	EE
Report on evaluation of the success of voluntary commitments to reduce industrial energy intensity	106(f)	6/30/12 and 6/30/17	EE
Report on recommendations concerning energy performance requirements for FY 2016 - FY 2025	102 (b)	12/31/14	EE
Report on each new or revised energy conservation standard or water use standard that DOE has failed to issue by the EPCA deadline	141(a)	+6 months & whenever a deadline has been missed	EE
Report on implementation of a DOE plan to adopt a new or revised standard for which a deadline has been missed	141(b)	+6 months after a report on a missed deadline	EE
Report on use of renewable fuels in providing assistance under LIHEAP	121	No date	EE
Title II – Renewable Energy			

REPORTS			
Report on inventory of available renewable fuels and projected future inventories	206(d)	+180 days	EE
Report on assessment of renewable energy resources in the U.S.	201(b)	+1 year, and annually thereafter	EE
Report on identification and evaluation, for a DOI report, strategies or projects with the greatest potential for reducing the dependence of insular areas on fossil fuels to generate electricity	251	+1 year	EE
Report on denials of manufacturer requests for treatment of items as renewable energy systems for weatherization funding purposes	206(a)	Monthly	EE
Report on progress of the Federal government in meeting the goals of the requirement for the purchase of renewable energy.	203(d)	April 15, 2007 and every 2 years thereafter	EE
Title III - Oil and Gas			
Report by task force established by DOE on development of a program to coordinate and accelerate the commercial development of strategic unconventional fuels within the U.S.	369(h)	+180 days, and yearly thereafter for 5 years	FE
Report on DOE activities regarding creating and implementing a commercial strategic fuel development program for the U.S.	369(I)	+180 days	FE
Report on economic implications of the dependence of Hawaii on oil as its principal source of energy	355	+300 days	FE

REPORTS			
Report on how DOE is incorporating and implementing the May 2002 document breathlessly entitled “Interagency Agreement on Early Coordination of Required Environmental and Historic Preservation Reviews Conducted in Conjunction with the Issuance of Authorizations to Construct and Operate Interstate Natural Gas Pipelines Certificated by the Federal Regulatory Commission” only if DOE is a signatory to the agreement.	372(b)	+1 year, biennially thereafter	FE
Title IV - Coal			
Report on methodology for the resolution of Federal resource development conflicts in the Powder River Basin	437(b)	+180	FE
Report on status of clean coal power initiative projects	403	+1 year and biennially thereafter	FE
Report on inventory of Federal coal leases	436 (c)	+2 years	FE
Report on clean coal power initiative	401(b)	3/31/07	FE
Title V - Indian Energy			
Report on financing requirements of Indian tribes for energy development on Indian land	503(a)	+1 year	New Office
Report on Indian tribes wind and hydropower feasibility study	503(a)	+1 year	New Office
Report on Indian tribes’ use of power allocations of the PMA	503(a)	+2 year	New Office

REPORTS			
Title VI - Nuclear			
Report on completing an EIS and ROD for a permanent disposal facility for greater-than-Class C low-level radioactive waste.	631	+1 year	EM
Report describing all alternatives under consideration for ensuring the safe disposal of greater-than-Class C low-level radioactive waste	631	before making the final decision	EM
Report on incorporating into existing plans for the Next Generation Nuclear Plant Project any recommendations of the document entitled "Design Features and Technology Uncertainties for the Next Generation Nuclear Plant."	643(c)(3)(C)	+180 days	NERAC
Transmission to Congress of report on incorporating into existing plans for the Next Generation Nuclear Plant Project any recommendations of the document entitled "Design Features and Technology Uncertainties for the Next Generation Nuclear Plant.	643(c)(3)(E)	60 days after Secretary receives the report from NERAC	NE
Submission of licensing strategy for the prototype nuclear reactor under the Next Generation Nuclear Plant Project.	644(b)	+3 years	NE (jointly with NRC)
Report on the results of a study undertaken under agreement between DOE and the National Academy of Science on medical isotope production and procurement	630	+5 years	NE
Second report on medical isotopes that describes options for developing domestic supplies in quantities adequate to meet domestic needs without the use of HEU	630	+6 years	NE

REPORTS			
Title VII - Vehicles and Fuels			
Report on a study of the effect of the alternative fuel titles of EPACT on alternative fueled vehicles and technology	704	+180 days	EE
Report describing status of new grant program of the joint flexible fuel/hybrid vehicle commercialization initiative	706	+260 days	EE
Report describing the grant selection process for the new advanced vehicle pilot program.	722	+510 days	EE
Report on the biodiesel testing program and related matters.	757(c)	+2 years	EE
Report evaluating the advanced vehicle pilot program.	722	+3 years	EE
Report evaluating the new program for development of fuel cell-powered school buses	743	+3 years	EE
Report on DOE's compliance with alternative fuel purchasing requirements for Federal fleets.	705	2/16/2006	EE
Report on the compliance by agencies of requirement that their dual-fueled cars operate on alternative fuels	701	yearly	EE
Title VIII – Hydrogen			
Report on hydrogen production from solar and wind energy technologies	812(e)	+120 days	EE
Report on plan on hydrogen and fuel cell programs	804	+6 months	EE
Report on hydrogen and fuel cell technology activities	811(a)	+2 years and triennially thereafter	EE

REPORTS			
Quadrennial NAS review of hydrogen and fuel cell programs	811(b)	+5years for NAS completion requirement +45 days after completed, DOE submits to Congress	EE
Biennial Report on recommendations of the Hydrogen and Fuel Cell Technical Advisory Committee	807(d)(2)	No date	EE

REPORTS			
Title IX – Research and Development			
Report to Congress on the equal employment opportunity practices at National Laboratories.	992	+ 1 year and biennially thereafter	ED
Report on the activities of the Energy Efficiency Science Initiative, including a description of the process used to award the funds and an explanation of how the research related to energy efficiency.	916(b)	Annually (with budget request)	EE
Report on an assessment of potential impact of technology used to concentrate solar power for electricity	934(c)	2/1/07	EE
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	934(d)	+ 5 years	EE
Report describing the final cost and performance goals for coal-based technologies that includes a list of technical milestones and an explanation of how the authorized coal and related technologies program will not duplicate activities under the Clean Coal Power Initiative authorized in Title IV.	962(b)(2)(D)	+ 180 days and every 4 years thereafter	FE
Report containing the findings and recommendations of the NAS study on progress made under the methane hydrate research and development program contracted for by DOE	968(a)	9/30/09	FE

REPORTS			
Report notifying Congress of any waiver from the requirements for competitive award of an M & O contract for a National Laboratory and the reasons for the waiver.	995	60 days prior to the date of the contract award	ME
Report on a plan for the future development of INL	955(c)	+1 year	NE
Report on a survey of industrial applications of large radioactive sources and a plan to produce alternatives	957	8/1/06	NE
Report on the activities of the advanced fuel cycle initiative, as part of the annual DOE budget submission	953(d)	Annually, with the DOE budget submission	NE
Report on plan for electric transmission and distribution system	925(b)	+1 year	OE
Report on progress made to implement the 5-year plan required under section 925(b) to guide activities under electric transmission and distribution programs.	925(d)	2 years after submission of the plan under section 925(b) which is due +1 year	OE
Report describing cooperation between the U.S. and Israel under the 1996 Agreement, projects initiated and plans for future projects.	986(b)	+ 90 days	PI
Report on plan to implement policy on fusion energy	972(b)	+180 days	SC
Report on review of the plan for carrying out RD&D program on biology and energy	977(b)	+18 months	SC

REPORTS			
Report on the assessment of the R, D & D program under section 979 to address energy-related water supply issues, including arsenic treatment, desalination and planning, analysis, and modeling of energy and water supply and demand.	979(f)	+ 2 years	SC
Report on DOE's experience with the Science and Engineering Education Pilot Program under section 983, and if determined appropriate, a plan for its expansion throughout the U.S.	983(d)	+ 2 years	SC
Report describing the results of the NAS review of the catalysis research program required to be contracted for by DOE.	972(d)	+ 3 years	SC
Report on R&D program on catalysis science	973(d)	+3 years	SC
Report describing how U.S. participation in the ITER will be funded without a funding reduction in other SC programs.	972(c)(5)	60 days must elapse after submission before funds for ITER may be expended	SC
Report describing the management structure of the ITER and estimate of the cost of U.S. participation.	972(c)(5)	120 days must elapse after submission before funds for ITER may be expended	SC
Report on review of all science and technology activities of DOE	994(d)	+1 year and quadrennially thereafter	US for Science

REPORTS			
Report describing the results of each NAS review and assessment done each 5 years of the R, D & D and commercial application programs authorized by the Act, the measurable cost and performance-based goals established under section 902, and the progress in meeting the goals.	990(e)	Every 5 years	US for Science
Report describing the strategy developed under section 993(a) for managing facilities and infrastructure supported primarily by SC, EE, FE, NE, the National Laboratories and single-purpose research facilities.	993(b)	Submit with budget request for FY 2008	US for Science
Title X - Department of Energy Management			
Report on the feasibility of promoting collaboration among colleges and universities for energy projects	1010	+2 years	ME
Report on whether the Technology Infrastructure Program under Section 1002 should be continued	1002(h)	7/1/08	SC
Title XI – Personnel and Training			
Report on partnerships with historically black colleges and universities, Hispanic-serving institutions and tribal colleges	1105(b)	+2 years	ED
Report on trends in the workforce of skilled technical personnel in energy technology industries and electric power and transmission engineers	1101(b)	+ 1 year	ME
Report on results of NAS study to be contracted for by DOE on priorities and plans for educational programs at DOE.	1102(e)	+2 years	ME

REPORTS			
Report to Congress on workforce shortages identified by DOE in 1 or more energy technology industries	1101 (b)	As soon as practicable after DOE has identified a shortage	ME
Title XII – Electricity			
Report identifying all existing designated transmission and distribution corridors on Federal land within its jurisdiction and related matters. (Joint report with two other agencies and CEQ)	1221	+90 days	OE
Report on study of economic dispatch: 1) how generating facilities operate to produce electric energy at the lowest cost, and 2) whether consumers benefit, in terms of reliability and cost, if non-utilities sell electricity to generating facilities as part of this operation.	1234	+90 days	OE
Report on study of electric transmission congestion	1221	+1year triennially thereafter	OE
Report designating national interest electric transmission corridors.	1221	after the study	OE
Title XIV – Miscellaneous			
Report on study of direct and significant health impacts to persons resulting from living in proximity to petrochemical and oil refinery facilities	1404(b)	+6 months	EH

REPORTS			
Title XV - Ethanol and Motor Fuels			
Report on study of impact of a certain renewable fuel requirement on consumers	1501	+180 days	EE
Report on study of compliance with certain renewable fuel requirement's effect on small refineries	1501	12/31/08	EE
Report on the activities of the municipal solid waste and cellulosic biomass loan guarantee program	1510(j)	annual	EE
Report on study of renewable fuel blending to determine whether there are excessive seasonal variations in the use of renewable fuel	1501	for each of calendar years 2006-2012	EIA
Report on a joint DO/EPA study of the effects on air quality, on the number of fuel blends, on fuel availability, on fuel fungibility, and fuel costs of State plans prohibiting the use of a fuel or fuel additive in a motor vehicle or motor vehicle engine.	1541(c)	+1 year	PI
Report on a joint study with the EPA of Federal, State, and local requirements concerning motor vehicle fuels including reformulated fuel, oxygenated fuel, and diesel fuel	1509(b)	6/1/08	PI
Title XVI - Climate Change			
Report by the Climate Change Technology Advisory Committee on the committee's finding and recommendations for the removal of barrier to the commercialization, deployment, and increasing the use of greenhouse gas intensity reducing technologies and practices	1601	+1 year and annually thereafter	CCTAC

REPORTS			
Report that identifies, from the CCTAC report, any barriers to, and commercial risks associated with, the deployment of greenhouse gas intensity reducing technologies and includes a plan for carrying out demonstration projects	1601	+18 months and updated every 5 years	CCTAC
Report on an inventory and evaluation of greenhouse gas intensity reducing technologies to determine which technologies are suitable for commercialization and deployment	1601	+180 days and periodic updates	PI
Report on an inventory, conducted by DOE, in coordination with State and Commerce, of greenhouse gas intensity reducing technologies developed, or under development, in the U.S. to identify technologies suitable for transfer to, deployment in, or commercialization in the 25 developing countries	1611	+180 days after completion of inventory	PI
Annual update to an initial report by the Secretary of State that identifies the 25 developing countries that are the largest greenhouse gas emitters and tracks their progress in reducing greenhouse gas intensity	1611	+18 months after Secretary of State's initial report	PI
Title XVIII - Studies			
Report on a study of passive solar technologies	1826(c)	+120days	EE
Report on a study, with recommendations, of the effects of relevant titles of EPACK of 1992, on alternative fueled vehicles	1831(a)	+180 days	EE
Report on a study of energy conservation implications of telecommuting by Federal employees	1803(c)	+6 months	EE
Report on a study of the potential of biodiesel and hythane to become major, sustainable alternative fuels	1823(a)	+1 year	EE

REPORTS			
Report on an evaluation of methodologies to ensure the widest participation practicable in setting goals and milestones under the domestic and international hydrogen programs of DOE	1819	+1 year	EE
Report on a study of the likely effects of a transition to a hydrogen economy on the overall employment of the U.S.	1820(b)	+18 months	EE
Report on a NAS study of an assessment of the implications on energy use and efficiency of land development patterns in the U.S.	1827(c)	+2 years	EE
Report on a NAS study of where the goals of energy efficiency standards are best measured	1802	Study +1 year; No date for report	EE
Report on a joint DOE/EPA study of energy and environmental benefits of re-refining of used lubricating oil	1838	+90 days	FE
Report on natural gas supplies and demand	1818(a)	+180 days	FE
Report on a study of petroleum and natural gas storage capacity and operational inventory levels	1801(d)	+1 year	FE
Report on the results a study of the effect of obtaining and maintaining liquid and other fuel backup capability at gas-fired power generation facilities and other gas-fired industrial facilities	1812(b)	+1 year	FE
Report on a National Petroleum Council evaluation and analysis of whether, and to what extent, environmental and other regulations affect new domestic refinery construction and significant expansion of existing refinery capacity	1809(c)(2)	on completion of evaluation and analysis	FE
Report on a joint study, with the States, of the benefits of economic dispatch	1832(c)	+90 days	OE

REPORTS			
Report on a joint DOE/DOI/Army study of the potential for increasing electric power production at federally owned or operated water regulation, storage and conveyance facilities	1834(c)	+180 days	OE
Report on a study by the Electric Energy Market Competition Task Force of competition in the wholesale and retail markets for electric energy	1815(b)	+1 year	OE
Report on a study of the benefits of using mobile transformers mobile substations to rapidly restore electrical service in areas subjected to blackouts	1816(b)	+1 year	OE
Report on a joint DOE /DOI study of issues regarding energy rights-of-way on Indian tribal land	1813(b)	+1 year	OE
Report on a study of potential benefits of cogeneration and small power production	1817(b)	+18 months	OE
Report on a NAS study of the availability of short-term and long-term skilled workers to meet the energy and mineral security requirements of the U.S.	1830(c)	+2 years	OE
Report to the President an Congress, with recommendations, on a study of growing energy requirements of the PRC and the implications of such growth on the political, strategic, economic or national security interests of the U.S.	1837(b)	+120 days	PI
Report on a study concerning the status of energy export development in Latin America and Federal efforts to promote energy integration with Latin America	1807	Annual	PI

REPORTS			
Report on a NAS study of best management practices for energy RD&D programs at DOE	1821(c)	+18 months	SC
Report on policies or procedures creating disincentives to the mobility of scientific and technical personnel between contractor-operated National Laboratory of single-purpose research facility	1814	+2 years	SC

Miscellaneous Mandatory			
Title I - Energy Efficiency			
Program to educate homeowners and small business owners concerning energy savings from properly conducted maintenance of HVAC equipment	132	+180 days	EE
Organizational conference convened for the purpose of establishing an ongoing, self-sustaining national public energy education program	133(a)	+180 days	EE
Study of State and regional policies that promote cost-effective programs to reduce energy conservation	139(a)	+1 year	EE
Scoping workshop on plans for developing energy conservation standards for energy use for battery chargers and external power supplies.	135(c)	+18 months	EE
Establishment of new Energy Star qualification levels for clothes washers and dishwashers, effective 1/1/07	131(a)	1/1/06	EE
Establishment of new Energy Star qualification levels for clothes washers, effective 1/1/10	131(a)	1/1/08	EE
Determine whether revised ASHRAE or IECC code require revisions to Federal building performance standards	109	+1 year after approval of revised ASHRAE standard or IECC code	EE

Miscellaneous Mandatory			
Publication of a Federal Register notice stating that an additional year would be added to the 180 days available to amend ASHRAE 117 test procedures for commercial refrigerators, freezers, and refrigerator-freezers	136(f)	+18 months after publication of amendment of ASHRAE 117	EE
Establishment, in cooperation with States, of a cooperative program of RDD&D for technologies to be known as the States Technologies Advancement Collaborative	127(a)	No date	EE
Educational program undertaken for owners of laundromats, multifamily housing and sites with commercial clothes washers about the new energy efficiency standard	136(h)	No date	EE
Pilot program of financial assistance to at least 3, but not more than 7, States to carry out statewide programs that encourage energy efficiency	140(a)	No date	EE
Invitation to the States to review, and if necessary, revise State energy conservation plans	123(a)	No date, but triennially	EE
Title II - Renewable Energy			
Establishment of a program providing rebates for consumers for expenditures for installing a renewable energy system in a residence of small business facility	206(c)	No date	EE
Feasibility studies will be conducted and technical assistance will be provided for implementation of projects to reduce dependence of insular areas on imported fossil fuels or to provide needed distributed generation to those areas	252	No date	FE

Miscellaneous Mandatory			
Financial assistance provided to Boise State University to work with a consortium to expand the discovery and use of geothermal energy	237	No date	INL
Grants will be made for the purposes of improving electric facilities that serve rural areas	209	No date	OE
Title III - Oil and Gas			
Issuance of requirements (not requiring a rulemaking) related to a program to provide grants to oil and gas producers to carry out projects to enhance recovery of oil or natural gas by injecting carbon dioxide	354(c)(2)	+180 days	FE
Publication in Federal Register of a request for applications for grants to oil and gas producers to carry out projects to enhance recovery of oil or natural gas by injecting carbon dioxide.	354(c)(7)	+180 days	FE
MOU on coordination all applicable Federal authorizations and environmental reviews relating to a proposed or existing utility facility.	372(a)	+180 days	FE
Select of sites necessary to enable acquisition of the full authorized volume of the SPR.	303	+1 year	FE
Forums on liquefied natural gas.	317	+1 year	FE
Establishment of program to provide technical and financial assistance to oil and gas producing States to remedy environmental problems caused by orphaned or abandoned oil and gas exploration or production well sites on State or private land.	349(g)	No date	FE
Selection of grant recipients for projects to enhance oil and natural gas recovery.	354(c)(7)	In a timely manner	FE

Miscellaneous Mandatory			
Identification of technologies for the development of oil shale and tar sands for commercial demonstration.	369(l)	No date	FE
Updated version of the 1987 technical and economic assessment of domestic heavy oil resources prepared by the Interstate Oil and Gas Compact Commission.	369(p)	No date	FE
Designation of corridors for oil, gas, and hydrogen pipelines and electricity transmission and distribution corridors on Federal land within DOE jurisdiction in certain contiguous Western States.	368(a)	+2 years	PI
Designation of corridors for oil, gas, and hydrogen pipelines and electricity transmission and distribution corridors on Federal land within DOE jurisdiction in States other than the contiguous Western States.	368(b)	+4years	PI

Title IV - Coal			
Selection of processes for evaluating the commercial and technical viability of different processes of producing Fischer-Tropsch transportation fuels and other transportation fuels from Illinois basin coal	417(d)	+180 days	FE
Agreements offered to enter into to conduct Fischer-Tropsch evaluation and undertake capital modification or construct facilities to conduct the evaluation	417(d)	+1 year	FE
Fischer-Tropsch evaluation to begin	417(d)	+3 years	FE
Completion of clean coal projects with certain characteristics	402(b)	1/1/20	FE
Construction a gasification products test center	417(c)	No date	FE
Clean air coal program to be carried out	421	No date	FE
Title V - Indian Energy			
Appointment of a Director for new office	502	No date	OS
Title VI - Nuclear			
Notification of the final designation of any entity within DOE to be responsible for providing a facility for safely disposing of greater-than-Class C low-level radioactive waste	631	No date	EM

Title IV - Coal			
Actions to ensure that certain employees at Portsmouth, Ohio, and Paducah, Kentucky, continue to be eligible to participate in certain pension and health care benefits	633	+30 days to the extent appropriations are provided in advance or are otherwise available	ME
Contract adjustments to take into account changes to Price Anderson Act	Title VI, Subtitle A	No date	ME
Plan to ensure continued recovery and storage of sealed sources for greater-than-Class C low-level radioactive waste until a permanent disposal facility is available.	631	+180 days	EM
First phase of the Next Generation Nuclear Plant Project.	645	9/30/11	NE
Nuclear Energy Research Advisory Committee requested to conduct a comprehensive review of the Next Generation Nuclear Plant Project to determine whether to proceed to the second project phase.	643(c)(3)(D)	when first phase of the project is nearly complete	NE
Completion of construction of the Next Generation Nuclear Plant Project.	645(c)	9/30/21	NE
Certification that commercial facilities are capable of meeting domestic demand for medical isotopes.	630	when they have the capability	NE
Decommission and decontamination of the sodium-cooled fast breeder experimental test reactor located in northwest Arkansas	628	No date	NE
Establishment of two projects to demonstrate the commercial production of hydrogen at existing nuclear power plants	634	No date	NE

Title IV - Coal			
Next Generation Nuclear Plant Project (various duties in relation to the project to be performed specifically by NE, INL, and the Nuclear Energy Research Advisory Committee).	Title VI, Subtitle C	No date	NE
Title VII - Vehicles and Fuels			
Publication in Federal Register of procedures to verify the hybrid/flexible fuel vehicle technologies to be demonstrated under a DOE grant program to commercialize the best technologies.	706	+90 days	EE
Publication of request for applications to undertake projects for an advanced vehicle pilot program.	721	+90 days	EE
Initiation of a partnership with private sector entities for a biodiesel testing program.	757	+180 days	EE
Selection of grantees for advanced vehicle pilot program.	721	+450 days	EE
Payment of costs of Federal agencies for leasing or purchasing certain micro fuel cell devices that produce electric power.	783	1/1/06	EE
Development and demonstration of diesel technology that meets Tier 2 emission standards and the heavy-duty emissions standards of 2007 that are applicable to heavy-duty vehicles	754(c)	Not later than 2010	EE
Lease or purchase of fuel-cell vehicles and hydrogen energy systems to meet certain energy savings goals.	782	1/1/10	EE
Issuance of requirements for applying for grants under the advanced vehicles pilot program	721(c)	No date	EE
Establishment of a transit bus demonstration program for fuel cell buses.	731	No date	EE

Title IV - Coal			
Establishment of a program to encourage domestic production and sales of efficient hybrid and advanced diesel vehicles.	712	No date	EE
Establishment of a program to develop and demonstrate railroad locomotive technologies that increase fuel economy.	751	No date	EE
Cooperative agreement with NASA for development of an ultra-efficient aircraft engine.	758	No date	EE
Title VIII - Hydrogen			
Establishment of (President to do this) an interagency task force on hydrogen and fuel cells	806	+120 days	EE
Title IX - Research and Development			
Entrance into an agreement with the National Institute of Building Sciences to assess high-performance buildings	914	+120 days	EE
Solicitation of proposals to demonstrate the secondary use of batteries	915(c)	+180 days	EE
Solicitation of proposals for RD&D and commercial application program on bioenergy.	932	+6 months	EE
Grants to be made to establish energy efficiency technology transfer centers	917(a)	+18 months	EE
Selection of up to 5 proposals to demonstrate the secondary use of batteries	915(c)	+90 days after receipt of proposals	EE

Title IV - Coal			
A number of specific R&D programs in energy efficiency to be carried out	912	No date	EE
Establishment of a technology transfer advisory committee	917(f)	No date	EE
Several specific RD&D and commercial application programs related to renewable fuels to be carried out	931, 933, 935, 941, 942	No date	EE
Commencement of a program of methane hydrate R&D	968(a)	+90 days	FE
Solicitation of proposals for a consortium to administer an ultra-deepwater and unconventional onshore natural gas and other petroleum R&D program.	999B(d)(4)	+90 days	FE
Designation of individuals to carry out methane hydrate R&D and meet with individuals so designated by other agencies	968(a)	+180 days and every 180 days thereafter	FE
Selection of the program consortium to administer the ultra-deepwater and unconventional onshore natural gas and other petroleum R&D program	999B(d)(4)	+270 days	FE
Establishment of an advisory committees for the ultra-deepwater and unconventional onshore natural gas and other petroleum R&D program.	999D	+270 days	FE
Identification of cost and performance goals for coal-based technologies	962(b)(1)	CYs 2008, 2010, 2012, 2016 and each FY after 9/39/21	FE
Several specific R&D programs in fossil energy to be carried out	962(c), 962(d), 963-967	No date	FE
Publication, in the Federal Register, of an annual plan for carrying out the ultra- deepwater and unconventional onshore natural gas	999B(e)(3)	No date	FE

Title IV - Coal			
Several specific RD&D and commercial application programs in nuclear energy to be carried out	952, 954, 955, 956	No date	NE
Preparation of 5-year plan to guide program to ensure reliability, efficiency, and environmental integrity of electric transmission and distribution systems	925(b)	+1 year	OE
Several specific RD&D and commercial application programs related to distributed energy to be carried out	921-925	No date	OE
Program to promote cooperation on energy issues with countries of the Western Hemisphere to be carried out	985	No date	PI
Plan for carrying out RD&D program on biology and energy	977(b)	+ 1 year	SC
Establishment of R&D program on “material science issues” presented by advanced fission reactors and DOE’s fusion energy program.	978(a)	2/1/06	SC
Commencement of construction of a rare isotope accelerator.	981	9/30/08	SC
Several R& D science programs to be carried out	974-976, 980, 984	No date	SC
Establishment or designation of advisory boards to review R&D programs.	990	No date	US for Science
Plan to improve coordination in RD&D and commercial application programs across DOE organizational boundaries.	994	+1 year and every 4 years later	US for Science
Title X - Department of Energy Management			

Title IV - Coal			
Development of a technology transfer plan for submission to Congress	1001(g)	+180 days and annually thereafter	ME
Appointment of a Technology Transfer Coordinator	1001(a)	No date	US for Science
Establishment of a Technology Transfer Working Group	1001(d)	No date	US for Science
Establishment of an Energy Technology Commercialization Fund	1001(e)	No date	US for Science
Establishment of a Technology Infrastructure Program	1002(b)	No date	US for Science
Title XII - Electricity			
MOU with all agencies with authority to issue permits with regard to siting a transmission facility.	1221	+1 year	OE
Procedures for WAPA and SWAPA to use in designing, developing, constructing, operating, maintaining, or owning an electric power transmission facility needed to upgrade an existing WAPA or SWAPA electric power transmission facilities, or participating with other entities in doing so.	1222	No date	OE or WAPA and SWAPA
Title XIII - Energy Policy Tax Incentives			

Title IV - Coal			
Clean renewable energy bonds shall be allocated, as deemed appropriate, with a limit of \$500 million to governmental entities	1303(a)	No date	EE
Title XIV - Miscellaneous			
Publication in Federal Register providing an invitation and guidelines for applying for National Priority Project Designation	1405(d)(1)	+120 days	EE
Study of direct and significant health impacts to persons resulting from living in proximity to petrochemical and oil refinery facilities to be carried out	1404(a)	No date	EH
Study of cold cracking to be carried out	1406(a)	No date	FE
Establishment of a program on oxygen-fuel systems	1407(a)	No date	PI
Title XV - Ethanol and Motor Fuels			
Decision on whether to waive a certain renewable fuel requirement	1501	+270 days	EE
Study to determine whether compliance with the requirements of the renewable fuel program would pose a disproportionate economic hardship in small refineries to be carried out	1501	12/31/08	EE
Establishment of a program to provide guarantees of loans by private institutions for the construction of facilities for the processing and conversion of municipal solid waste and cellulosic biomass into fuel ethanol and other commercial byproducts	1510(b)	No date	EE

Title IV - Coal			
Establishment of a program to provide guarantees of loans to carry out demonstration projects to commercially demonstrate the feasibility and viability of producing cellulosic biomass ethanol or sucrose-derived ethanol	1511	No date	EE
Estimate of the volumes of gasoline projected to be sold or introduced into commerce in the U.S. for the following calendar year	1501	10/31/05 and each year thereafter	EIA
Publication in the FR of the renewable fuel obligation that ensures certain renewable fuel requirements are met	1501	11/30/05 and each year thereafter	EIA
Waiver of certain renewable fuel requirement	1501	+270 days if Secretary recommends	EIA
Survey of the demand in the renewable fuels market on a national and regional basis shall be conducted and published by EIA	1508	Monthly	EIA
Study of renewable fuel blending to determine whether there are excessive seasonal variations in the use of renewable fuel shall be conducted by EIA	1501	For each calendar year for 2006 through 2012	EIA
Collection or estimation of information on the demand in the renewable fuels market on a national and regional basis for the 5 years prior to implementation of the Act by EIA	1509	No date	EIA
Compliance strategy for underground storage tanks on DOE land	1528	+1 year	ME
Title XVI - Climate Change			

Title IV - Coal			
Development of a national strategy to promote the deployment and commercialization of greenhouse gas intensity reducing technologies and practices developed through RR&D conducted by the National Laboratories, other Federal research facilities, institutions of higher education and the private sector	1601	+18 months	CCTC
Establishment of a Climate Change Technology Committee	1601	+180 days	OS
Establishment of a Climate Change Technology Advisory Committee to identify statutory, regulatory, economic, and other barriers to the commercialization and deployment of greenhouse gas intensity reducing technologies and practices in the U.S.	1601	No date	PI
Development of standards and best practices for calculating, monitoring, and analyzing greenhouse gas intensity	1601	No date	PI
Title XVII			
Loan guarantees for innovative technologies shall be made by DOE	1702	No date	SC
Title XVIII - Studies			
Contract with NAS and NRC to conduct a study of providing a budget roadmap for the development of fuel cell technologies and the transition from petroleum to hydrogen in a significant percentage of vehicles by 2020	1825(a)	as soon as practicable	EE
Study on the benefits of total integrated thermal systems to be conducted	1806	No date	EE

Title IV - Coal			
Study, by an organizations of oil and gas producing States, of low-volume natural gas reservoirs to be funded	1808(a)	Annual	FE
Study to determine risks or benefits presented by multiple offshore LNG facilities in the Gulf or Mexico area using the open-rack vaporization system	1828(a)	No date	FE
Joint study with EPA on the benefits of oil bypass filtration technology to be conducted	1805	No date	FE
Contract with NAS to conduct a study of the effects of electrical contaminants on the reliability of energy production systems	1822	+180 days	OE
Establishment of an interagency Electric Energy Market Competition Task Force to study competition in the wholesale and retail markets for electric energy	1815(a)	No date	OE