2004, 118 Stat. 1675, which is classified principally to this chapter. For complete classification of title II to the Code, see Short Title note set out under section 15701 of this title and Tables.

The National Manufactured Housing Construction and Safety Standards Act of 1974, referred to in text, is title VI of Pub. L. 93-383, Aug. 22, 1974, 88 Stat. 700, as amended, which is classified generally to chapter 70 (§5401 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 5401 of this title and Tables.

§ 15706. Authorization of appropriations

(a) Federal Emergency Management Agency

There are authorized to be appropriated to the Federal Emergency Management Agency for carrying out this chapter-

- (1) \$5,332,000 for fiscal year 2015;
- (2) \$5,332,000 for fiscal year 2016; and
- (3) \$5,332,000 for fiscal year 2017.

(b) National Science Foundation

There are authorized to be appropriated to the National Science Foundation for carrying out this chapter-

- (1) \$9.682,000 for fiscal year 2015:
- (2) \$9,682,000 for fiscal year 2016; and
- (3) \$9,682,000 for fiscal year 2017.

(c) National Institute of Standards and Technology

There are authorized to be appropriated to the National Institute of Standards and Technology for carrying out this chapter-

- (1) \$4,120,000 for fiscal year 2015;
- (2) \$4,120,000 for fiscal year 2016; and
- (3) \$4,120,000 for fiscal year 2017.

(d) National Oceanic and Atmospheric Administration

There are authorized to be appropriated to the National Oceanic and Atmospheric Administration for carrying out this chapter-

- (1) \$2,266,000 for fiscal year 2015;
- (2) \$2,266,000 for fiscal year 2016; and
- (3) \$2,266,000 for fiscal year 2017.

(Pub. L. 108-360, title II, §207, Oct. 25, 2004, 118 Stat. 1679; Pub. L. 114-52, §5, Sept. 30, 2015, 129 Stat. 500.)

References in Text

This chapter, referred to in text, was in the original "this title", meaning title II of Pub. L. 108–360, Oct. 25, 2004, 118 Stat. 1675, which is classified principally to this chapter. For complete classification of title II to the Code, see Short Title note set out under section 15701 of this title and Tables.

AMENDMENTS

2015—Pub. L. 114-52 amended section generally. Prior to amendment, section authorized appropriations for fiscal years 2006 to 2008.

TRANSFER OF FUNCTIONS

For transfer of all functions, personnel, assets, components, authorities, grant programs, and liabilities of the Federal Emergency Management Agency, including the functions of the Under Secretary for Federal Emergency Management relating thereto, to the Federal Emergency Management Agency, see section 315(a)(1) of Title 6, Domestic Security.

§ 15707. Coordination

The Secretary of Commerce, the Director of the National Institute of Standards and Technology, the Director of the Office of Science and Technology Policy and the heads of other Federal departments and agencies carrying out activities under this chapter and the statutes amended by this chapter shall work together to ensure that research, technologies, and response techniques are shared among the programs authorized in this chapter in order to coordinate the Nation's efforts to reduce vulnerability to the hazards described in this chapter.

(Pub. L. 108-360, title II, §209, Oct. 25, 2004, 118 Stat. 1680.)

References in Text

This chapter, referred to in text, was in the original "this title", meaning title II of Pub. L. 108–360, Oct. 25, 2004, 118 Stat. 1675, which is classified principally to this chapter. For complete classification of title II to the Code, see Short Title note set out under section 15701 of this title and Tables.

CHAPTER 149—NATIONAL ENERGY POLICY AND PROGRAMS

15801. Definitions.

SUBCHAPTER I—ENERGY EFFICIENCY

Part A—Federal Programs

15811. Voluntary commitments to reduce industrial energy intensity.

15812. Advanced building efficiency testbed.

15813. Enhancing energy efficiency in management of Federal lands.

PART B—ENERGY ASSISTANCE AND STATE PROGRAMS

15821. Energy efficient appliance rebate programs.

15822. Energy efficient public buildings.

15823. Low income community energy efficiency pilot program.

15824. State Technologies Advancement Collaborative.

PART C-ENERGY EFFICIENT PRODUCTS

Public energy education program. 15831

Energy efficiency public information initia-15832. tive

15833. Energy efficiency pilot program.

15834 Report on failure to comply with deadlines for new or revised energy conservation standards.

PART D-PUBLIC HOUSING

15841. Energy-efficient appliances.

15842. Energy strategy for HUD.

SUBCHAPTER II—RENEWABLE ENERGY

PART A-GENERAL PROVISIONS

15851. Assessment of renewable energy resources.

15852. Federal purchase requirement.

15853. Rebate program.

Sugar Cane Ethanol Program. 15854.

15855. Grants to improve the commercial value of forest biomass for electric energy, useful heat, transportation fuels, and other commercial purposes.

PART B—GEOTHERMAL ENERGY

15871. Coordination of geothermal leasing and permitting on Federal lands.

15872. Assessment of geothermal energy potential.

15873. Deposit and use of geothermal lease revenues for 5 fiscal years.

15874. Intermountain West Geothermal Consortium.

PART C-HYDROELECTRIC

15881 Hydroelectric production incentives.

Sec.

Sec.

Sec.		Sec.
15882.	Hydroelectric efficiency improvement.	SUBCHAPTER V—INDIAN ENERGY
	PART D—INSULAR ENERGY	16001. Energy efficiency in federally assisted housing.
15891.	Projects enhancing insular energy independence.	SUBCHAPTER VI—NUCLEAR MATTERS
	SUBCHAPTER III—OIL AND GAS	PART A—GENERAL NUCLEAR MATTERS
	PART A—PRODUCTION INCENTIVES	16011. Demonstration hydrogen production at existing nuclear power plants.
15901. 15902. 15903. 15904.	Definition of Secretary. Program on oil and gas royalties in-kind. Marginal property production incentives. Incentives for natural gas production from deep wells in the shallow waters of the Gulf of Mexico.	16012. Prohibition on assumption by United States Government of liability for certain foreign incidents. 16013. Authorization of appropriations. 16014. Standby support for certain nuclear plant
15905.	Royalty relief for deep water production.	delays.
15906. 15907.	North Slope Science Initiative. Orphaned, abandoned, or idled wells on Fed-	PART B—NEXT GENERATION NUCLEAR PLANT PROJECT 16021. Project establishment.
15908.	eral land. Preservation of geological and geophysical data.	16022. Project management. 16023. Project organization. 16024. Nuclear Regulatory Commission.
15909. 15910.	Gas hydrate production incentive. Enhanced oil and natural gas production through carbon dioxide injection.	16025. Project timelines and authorization of appropriations.
15911. 15912.	Denali Commission. Comprehensive inventory of OCS oil and nat-	PART C—NUCLEAR SECURITY
	ural gas resources. PART B—Access to Federal Lands	16041. Nuclear facility and materials security. 16042. Department of Homeland Security consultation.
15921.	Management of Federal oil and gas leasing	SUBCHAPTER VII—VEHICLES AND FUELS
15922.	programs. Consultation regarding oil and gas leasing on	PART A—EXISTING PROGRAMS
15923. 15924.	public land. Methodology. Project to improve Federal permit coordina-	16051. Joint flexible fuel/hybrid vehicle commercialization initiative.
15925.	tion. Fair market value determinations for linear	PART B—HYBRID VEHICLES, ADVANCED VEHICLES, AND FUEL CELL BUSES
	rights-of-way across public lands and national forests.	SUBPART 1—HYBRID VEHICLES
15926.	Energy right-of-way corridors on Federal land.	16061. Hybrid vehicles. 16062. Domestic manufacturing conversion grant
15927.	Oil shale, tar sands, and other strategic un- conventional fuels.	program.
15928.	Consultation regarding energy rights-of-way on public land.	SUBPART 2—ADVANCED VEHICLES 16071. Pilot program.
	PART C—MISCELLANEOUS	16072. Reports to Congress. 16073. Authorization of appropriations.
15941. 15942.	Great Lakes oil and gas drilling ban. NEPA review.	SUBPART 3—FUEL CELL BUSES
	PART D—REFINERY REVITALIZATION	16081. Fuel cell transit bus demonstration.
15951.	Findings and definitions.	PART C—CLEAN SCHOOL BUSES
15952.	Federal-State regulatory coordination and assistance.	16091. Clean school bus program. 16091a. Clean school bus program.
	SUBCHAPTER IV—COAL	16092. Diesel truck retrofit and fleet modernization program.
	PART A—CLEAN COAL POWER INITIATIVE	16093. Fuel cell school buses.
15961. 15962.	Authorization of appropriations. Project criteria.	PART D—MISCELLANEOUS
15963. 15964.	Report. Clean coal centers of excellence.	16101. Railroad efficiency. 16102. Diesel fueled vehicles.
15965.	Time limit for award; extension.	16103. Conserve by Bicycling Program.16104. Reduction of engine idling.
15071	PART B—CLEAN POWER PROJECTS	16105. Biodiesel engine testing program. 16106. Ultra-efficient engine technology for aircraft.
15971. 15972.	Integrated coal/renewable energy system. Loan to place Alaska clean coal technology facility in service.	PART E—FEDERAL AND STATE PROCUREMENT
15973.	Western integrated coal gasification demonstration project.	16121. Definitions. 16122. Federal and State procurement of fuel cell ve-
15974. 15975.	Coal gasification. Petroleum coke gasification.	hicles and hydrogen energy systems. 16123. Federal procurement of stationary, portable,
15976. 15977.	Electron scrubbing demonstration. Department of Energy transportation fuels from Illinois basin coal.	and micro fuel cells. PART F—DIESEL EMISSIONS REDUCTION
	PART C—FEDERAL COAL LEASES	16131. Definitions.
15991.	Inventory requirement.	16132. National grant, rebate, and loan programs. 16133. State grant, rebate, and loan programs.

Sec.		Sec.	
16134. 16135.	Evaluation and report. Outreach and incentives.	16274a. 16275.	Integrated University Program. Department of Energy civilian nuclear infra-
16136.	Effect of part.	10275.	structure and facilities.
16137.	Authorization of appropriations.	16276.	Security of nuclear facilities.
16138.	EPA authority to accept diesel emissions reduction Supplemental Environmental	16277.	Alternatives to industrial radioactive sources.
	Projects.		
16139.	Settlement agreement provisions.		PART F—FOSSIL ENERGY
	SUBCHAPTER VIII—HYDROGEN	16291.	Fossil energy.
16151.	Purposes.	16291a. 16292.	Property interests. Coal and related technologies program.
16152.	Definitions.	16293.	Carbon capture and sequestration research,
16153.	Plan.		development, and demonstration program.
16154. 16155.	Programs. Hydrogen and Fuel Cell Technical Task	16294.	Research and development for coal mining technologies.
101001	Force.	16295.	Oil and gas research programs.
16156.	Technical Advisory Committee.	16296.	Low-volume oil and gas reservoir research
16157. 16158.	Demonstration. Codes and standards.	16297.	program. Complex Well Technology Testing Facility.
16159.	Disclosure.	10297.	
16160.	Reports.		PART G—SCIENCE
16161. 16162.	Solar and wind technologies. Technology transfer.	16311.	Science.
16163.	Miscellaneous provisions.	16312. 16313.	Fusion energy sciences program. Catalysis research program.
16164.	Cost sharing.	16314.	Hydrogen.
16165.	Savings clause.	16315.	Solid state lighting.
SUBCHA	APTER IX—RESEARCH AND DEVELOPMENT	16316.	Advanced scientific computing research and development program.
16181.	Goals.	16317.	Systems biology program.
16182.	Definitions.	16318.	Fission and fusion energy materials research
	PART A—ENERGY EFFICIENCY	16319.	program. Energy and water supplies.
16191.	Energy efficiency.	16320.	Spallation Neutron Source.
16192.	Next Generation Lighting Initiative.	16321.	Rare Isotope Accelerator.
16193. 16194.	National Building Performance Initiative. Building standards.	16322.	Office of Scientific and Technical Informa-
16195.	Secondary electric vehicle battery use program.	16323.	tion. Science and engineering education pilot program.
16196.	Energy Efficiency Science Initiative.	16324.	Energy research fellowships.
16197.	Advanced Energy Technology Transfer Centers.	16325.	Science and Technology Scholarship Program.
PART B—DISTRIBUTED ENERGY AND ELECTRIC ENERGY SYSTEMS			PART H—INTERNATIONAL COOPERATION
16211.	Distributed energy and electric energy systems.	16341. 16342.	Western Hemisphere energy cooperation. International energy training.
16212. 16213.	High power density industry program. Micro-cogeneration energy technology.		I—RESEARCH ADMINISTRATION AND OPERATIONS
16214.	Distributed energy technology demonstration	16351. 16352.	Availability of funds. Cost sharing.
1.001 5	programs.	16353.	Merit review of proposals.
16215.	Electric transmission and distribution programs.	16354.	External technical review of departmental programs.
	PART C—RENEWABLE ENERGY	16355.	National Laboratory designation.
16231.	Renewable energy.	16356.	Report on equal employment opportunity practices.
16232.	Bioenergy program.	16357.	Strategy and plan for science and energy fa-
16233.	Low-cost renewable hydrogen and infrastruc- ture for vehicle propulsion.	16358.	cilities and infrastructure.
16234.	Concentrating solar power research program.	10550.	Strategic research portfolio analysis and co- ordination plan.
16235.	Renewable energy in public buildings.	16359.	Competitive award of management contracts.
PART	D—AGRICULTURAL BIOMASS RESEARCH AND	16360.	Western Michigan demonstration project.
	DEVELOPMENT PROGRAMS	16361. 16362.	Arctic Engineering Research Center. Barrow Geophysical Research Facility.
16251.	Production incentives for cellulosic biofuels.		1 0
16252. 16253.	Education. Small business bioproduct marketing and cer-		J—ULTRA-DEEPWATER AND UNCONVENTIONAL URAL GAS AND OTHER PETROLEUM RESOURCES
10255.	tification grants.		16378. Repealed.
16254.	Regional bioeconomy development grants.		BCHAPTER X—DEPARTMENT OF ENERGY
16255.	Preprocessing and harvesting demonstration grants.	aua	MANAGEMENT
16256.	Education and outreach.	16391.	Improved technology transfer of energy technologies.
	PART E—NUCLEAR ENERGY	16392.	Technology Infrastructure Program.
16271.	Nuclear energy.	16393.	Small business advocacy and assistance.
16272. 16273.	Nuclear energy research programs. Advanced fuel cycle initiative.	16394. 16395.	Outreach. Relationship to other laws.
16274.	University nuclear science and engineering	16395. 16396.	Prizes for achievement in grand challenges of
	support.		science and technology.

Sec.	CHAPTER XI—PERSONNEL AND TRAINING	Sec. 16522.	Low-volume gas reservoir study.	
16411.	Workforce trends and traineeship grants.	16523. 16524.	Alaska natural gas pipeline. Study on the benefits of economic dispatch.	
16412. 16413.	Training guidelines for nonnuclear electric energy industry personnel. National Center for Energy Management and	SUBCHAPTER XVII—PROTECTING AMERICA'S COMPETITIVE EDGE THROUGH ENERGY		
16414.	Building Technologies. National Power Plant Operations Technology	16531. 16532.	Definitions. Nuclear science talent expansion program for	
	and Educational Center. SUBCHAPTER XII—ELECTRICITY	16533.	institutions of higher education. Hydrocarbon systems science talent expan-	
1	PART A—TRANSMISSION INFRASTRUCTURE MODERNIZATION	10501	sion program for institutions of higher education.	
16421. 16421a.	Third-party finance. Western Area Power Administration borrow-	16534.	Department of Energy early career awards for science, engineering, and mathematics re- searchers.	
16422.	ing authority. Advanced transmission technologies.	16535.	Discovery science and engineering innovation institutes.	
16423.	Advanced Power System Technology Incentive Program.	16536. 16537.	Protecting America's Competitive Edge (PACE) graduate fellowship program. Distinguished scientist program.	
	B—Transmission Operation Improvements	16538.	Advanced Research Projects Agency—Energy.	
16431. 16432.	Federal utility participation in transmission organizations. Study on the benefits of economic dispatch.	§ 15801.	Definitions	
10452.	PART C—TRANSMISSION RATE REFORM	Exce	pt as otherwise provided, in this Act:	
16441		(1) D e	epartment	
16441.	Funding new interconnection and transmission upgrades.		e term "Department" means the Departof Energy.	
PA	RT D—REPEAL OF PUBLIC UTILITY HOLDING COMPANY ACT OF 1935	(2) In	stitution of higher education	
16451.	Definitions.	(A)	In general	
16452.	Federal access to books and records.	Т	he term "institution of higher edu-	
16453.	State access to books and records.		ion" has the meaning given the term in	
16454. 16455.	Exemption authority. Affiliate transactions.	sec	tion 1001(a) of title 20.	
16456.	Applicability.	(B)	Inclusion	
16457.	Effect on other regulations.	\mathbf{T}	he term "institution of higher edu-	
16458. 16459.	Enforcement. Savings provisions.	cat	ion'' includes an organization that—	
16460.	Implementation.		(i) is organized, and at all times there-	
16461.	Transfer of resources.		fter operated, exclusively for the benefit	
16462. 16463.	Service allocation. Authorization of appropriations.		f, to perform the functions of, or to carry ut the functions of one or more organiza-	
PART I	E—Market Transparency, Enforcement, and Consumer Protection		ions referred to in subparagraph (A); and (ii) is operated, supervised, or controlled y or in connection with one or more of	
16471.	Consumer privacy and unfair trade practices.		hose organizations.	
	PART F—DEFINITIONS	(3) Na	ational Laboratory	
16481.	Commission defined.		e term "National Laboratory" means any	
	SUBCHAPTER XIII—MISCELLANEOUS	of the	e following laboratories owned by the De-	
16491. 16492.	Energy production incentives. Regulation of certain oil used in transform-	- (A	A) Ames Laboratory.	
16493.	ers. National Priority Project Designation.	((B) Argonne National Laboratory. C) Brookhaven National Laboratory.	
16494.	Oxygen-fuel.	. `	O) Fermi National Accelerator Labora-	
	APTER XIV—ETHANOL AND MOTOR FUELS	tor;	y. E) Idaho National Laboratory.	
16501.	Commercial byproducts from municipal solid waste and cellulosic biomass loan guarantee program.		F) Lawrence Berkeley National Labora-	
16502. 16503.	Advanced Biofuel Technologies Program. Sugar ethanol loan guarantee program.		3) Lawrence Livermore National Labora-	
	APTER XV—INCENTIVES FOR INNOVATIVE		H) Los Alamos National Laboratory.	
	TECHNOLOGIES Definitions.		() National Energy Technology Labora-	
16511. 16512.	Terms and conditions.		J) National Renewable Energy Labora-	
16513.	Eligible projects.	tor	•	
16514. 16515	Authorization of appropriations. Limitation on commitments to guarantee	,	X) Oak Ridge National Laboratory.	
16515.	loans.	(I tor:	L) Pacific Northwest National Labora-	
16516.	Omitted.		y. M) Princeton Plasma Physics Laboratory.	
	SUBCHAPTER XVI—STUDIES		N) Sandia National Laboratories.	
16521.	Report on energy integration with Latin		O) Savannah River National Laboratory.	

(P) Stanford Linear Accelerator Center.

16521.

Report on energy integration with Latin America.