Sec.		Sec.	
17195a.	Geothermal heat pumps and direct use research and development.	17302. 17303.	Prohibition on false information. Enforcement by the Federal Trade Commis-
17196. 17197.	Organization and administration of programs. Advanced geothermal computing and data science research and development.	17304. 17305.	sion. Penalties. Effect on other laws.
17198. Geothermal workforce development. 17199, 17200. Repealed.		SUBCHAPTER VIII—INTERNATIONAL ENERGY	
17201. 17202.	Applicability of other laws. Authorization of appropriations.	17321.	PROGRAMS Definitions.
17203.	International geothermal energy development.	PART A	A—Assistance To Promote Clean and Effi-
17204.	High cost region geothermal energy grant program.	CIENT 17331.	ENERGY TECHNOLOGIES IN FOREIGN COUNTRIES United States assistance for developing coun-
PART (—Water Power Research and Development		tries.
17211.	Definitions.	17332.	United States exports and outreach programs for India, China, and other countries.
17212.	Water power technology research, development, and demonstration.	17333.	United States trade missions to encourage private sector trade and investment.
17213.	Hydropower research, development, and demonstration.	17334.	Actions by United States International Development Finance Corporation.
17214.	Marine energy research, development, and demonstration.	17335.	Actions by United States Trade and Development Agency.
17215. 17216.	National Marine Energy Centers. Organization and administration of programs.	17336.	Deployment of international clean and effi- cient energy technologies and investment
17217. 17218.	Applicability of other laws. Authorization of appropriations.	17337.	in global energy markets. United States-Israel energy cooperation.
Part I	O—ENERGY STORAGE FOR TRANSPORTATION AND ELECTRIC POWER	PART	B—International Clean Energy Foundation
17231.	Energy storage competitiveness.	17351. 17352.	Definitions. Establishment and management of Founda-
17232. 17233.	Better energy storage technology. Energy storage technology and microgrid as-	17353.	tion. Duties of Foundation.
	sistance program. PART E—MISCELLANEOUS PROVISIONS	17354. 17355.	Annual report. Powers of the Foundation; related provisions.
17241.	Lightweight materials research and develop-	17356. 17357.	General personnel authorities. Authorization of appropriations.
17242.	ment. Commercial insulation demonstration pro-	1.00	PART C—MISCELLANEOUS PROVISIONS
17243.	gram. Bright Tomorrow Lighting Prizes.	17371.	Energy diplomacy and security within the
17244.	Renewable Energy Innovation Manufacturing Partnership.	17372.	Department of State. Annual national energy security strategy re-
SUBCHAPTER VI—CARBON CAPTURE AND SEQUESTRATION		17373.	port. Convention on Supplementary Compensation for Nuclear Damage contingent cost alloca-
PART A—CARBON CAPTURE AND SEQUESTRATION RESEARCH, DEVELOPMENT, AND DEMONSTRATION		17374.	tion. Transparency in extractive industries re-
17251. 17252.	Carbon capture. Review of large-scale programs.		source payments. SUBCHAPTER IX—SMART GRID
17253.	Geologic sequestration training and research.	17381.	Statement of policy on modernization of elec-
17254. 17255.	Relation to Safe Drinking Water Act. Safety research.	17000	tricity grid.
17256.	University based research and development grant program.	17382. 17383.	Smart grid system report. Smart Grid Advisory Committee and Smart Grid Task Force.
PART B—CARBON CAPTURE AND SEQUESTRATION ASSESSMENT AND FRAMEWORK		17384.	Smart grid technology research, development, and demonstration.
17271.	Carbon dioxide sequestration capacity assess-	17384a.	Smart grid modeling, visualization, architecture, and controls.
17272.	ment. Assessment of carbon sequestration and methane and nitrous oxide emissions from	17385. 17386.	Smart grid interoperability framework. Federal matching fund for smart grid investment costs.
GIIDGE	ecosystems.	17387.	Integrated energy systems.
SUBCHAPTER VII—IMPROVED MANAGEMENT OF ENERGY POLICY		17388. 17389.	Advisory committee. Technology demonstration on the distribu-
	PART A—MANAGEMENT IMPROVEMENTS	17390.	tion grid. Voluntary model pathways.
17281. 17282.	National media campaign. Renewable energy deployment.	17391.	Voluntary state, regional, and local electricity distribution planning.
17283.	Repealed.	17392.	Micro-grid and integrated micro-grid systems
17284. 17285.	Assessment of resources. Sense of Congress relating to the use of re-		program.
	newable resources to generate energy.	§ 17001. Definitions	
17286.	Geothermal assessment, exploration informa- tion, and priority activities.	In th	is Act:
	, 6016 210110, 6001110100.		

Part B—Prohibitions on Market Manipulation and False Information

 $\label{prohibition} Prohibition on market manipulation.$

17301.

(1) Department

The term "Department" means the Department of Energy.

(2) Institution of higher education

The term "institution of higher education" has the meaning given the term in section 1001(a) of title 20.

(3) Secretary

The term "Secretary" means the Secretary of Energy.

(Pub. L. 110-140, §2, Dec. 19, 2007, 121 Stat. 1498.)

Editorial Notes

References in Text

This Act, referred to in text, is Pub. L. 110–140, Dec. 19, 2007, 121 Stat. 1492, known as the Energy Independence and Security Act of 2007, which enacted this chapter and enacted and amended numerous other sections and notes in the Code. For complete classification of this Act to the Code, see Short Title note below and Tables

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE

Section effective on the date that is 1 day after Dec. 19, 2007, see section 1601 of Pub. L. 110–140, set out as a note under section 1824 of Title 2, The Congress.

SHORT TITLE OF 2020 AMENDMENT

Pub. L. 116-260, div. Z, §101(a), Dec. 27, 2020, 134 Stat. 2418, provided that: "This division [see Tables for classification] may be cited as the 'Energy Act of 2020'."

SHORT TITLE OF 2015 AMENDMENT

Pub. L. 114-11, §1(a), Apr. 30, 2015, 129 Stat. 182, provided that: "This Act [enacting sections 17062, 17063, 17084, and 17085 of this title, amending sections 6295, 6302 to 6304, and 17091 of this title, and enacting provisions set out as a note under this section] may be cited as the 'Energy Efficiency Improvement Act of 2015'."

Pub. L. 114-11, title I, §101, Apr. 30, 2015, 129 Stat. 182, provided that: "This title [enacting sections 17062, 17084, and 17085 of this title] may be cited as the 'Better Buildings Act of 2015'."

SHORT TITLE

Pub. L. 110–140, 1(a), Dec. 19, 2007, 121 Stat. 1492, provided that: "This Act [see Tables for classification] may be cited as the 'Energy Independence and Security Act of 2007'."

Pub. L. 110–140, title VI, $\S601$, Dec. 19, 2007, 121 Stat. 1674, provided that: "This subtitle [subtitle A ($\S\$601$ –607) of title VI of Pub. L. 110–140, enacting part A ($\S17171$ et seq.) of subchapter V of this chapter] may be cited as the 'Solar Energy Research and Advancement Act of 2007'."

Pub. L. 110–140, title VI, §611, Dec. 19, 2007, 121 Stat. 1678, provided that: "This subtitle [subtitle B (§§611–625) of title VI of Pub. L. 110–140, enacting part B (§17191 et seq.) of subchapter V of this chapter] may be cited as the 'Advanced Geothermal Energy Research and Development Act of 2007'."

Pub. L. 110–140, title VI, §631, Dec. 19, 2007, 121 Stat. 1686, which provided that subtitle C (§§631–636) of title VI of Pub. L. 110–140, enacting former part C (§17211 et seq.) of subchapter V of this chapter, could be cited as the "Marine and Hydrokinetic Renewable Energy Research and Development Act", was omitted from the Code in the general amendment of subtitle C by Pub. L. 116–260.

Pub. L. 110-140, title VII, §701, Dec. 19, 2007, 121 Stat. 1704, provided that: "This subtitle [subtitle A (§§701-708) of title VII of Pub. L. 110-140, enacting part A (§17251 et seq.) of subchapter VI of this chapter and amending section 16293 of this title] may be cited as the 'Department of Energy Carbon Capture and Sequestra-

tion Research, Development, and Demonstration Act of 2007'."

§ 17002. Relationship to other law

Except to the extent expressly provided in this Act or an amendment made by this Act, nothing in this Act or an amendment made by this Act supersedes, limits the authority provided or responsibility conferred by, or authorizes any violation of any provision of law (including a regulation), including any energy or environmental law or regulation.

(Pub. L. 110–140, §3, Dec. 19, 2007, 121 Stat. 1498.)

Editorial Notes

REFERENCES IN TEXT

This Act, referred to in text, is Pub. L. 110–140, Dec. 19, 2007, 121 Stat. 1492, known as the Energy Independence and Security Act of 2007, which enacted this chapter and enacted and amended numerous other sections and notes in the Code. For complete classification of this Act to the Code, see Short Title note set out under section 17001 of this title and Tables.

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE

Section effective on the date that is 1 day after Dec. 19, 2007, see section 1601 of Pub. L. 110–140, set out as a note under section 1824 of Title 2, The Congress.

SUBCHAPTER I—IMPROVED VEHICLE TECHNOLOGY

§ 17011. Transportation electrification

(a) Definitions

In this section:

(1) Administrator

The term "Administrator" means the Administrator of the Environmental Protection Agency.

(2) Battery

The term "battery" means an electrochemical energy storage system powered directly by electrical current.

(3) Electric transportation technology

The term "electric transportation technology" means—

- (A) technology used in vehicles that use an electric motor for all or part of the motive power of the vehicles, including battery electric, hybrid electric, plug-in hybrid electric, fuel cell, and plug-in fuel cell vehicles, or rail transportation; or
- (B) equipment relating to transportation or mobile sources of air pollution that use an electric motor to replace an internal combustion engine for all or part of the work of the equipment, including—
 - (i) corded electric equipment linked to transportation or mobile sources of air pollution; and
- (ii) electrification technologies at airports, ports, truck stops, and material-handling facilities.

(4) Nonroad vehicle

The term "nonroad vehicle" means a vehicle—