

CHAPTER 152—ENERGY INDEPENDENCE AND SECURITY

- Sec.
17001. Definitions.
17002. Relationship to other law.
- SUBCHAPTER I—IMPROVED VEHICLE TECHNOLOGY**
17011. Transportation electrification.
17012. Advanced battery loan guarantee program.
17013. Advanced technology vehicles manufacturing incentive program.
- SUBCHAPTER II—ENERGY SECURITY THROUGH INCREASED PRODUCTION OF BIOFUELS**
- PART A—RENEWABLE FUEL STANDARD**
17021. Biomass-based diesel and biodiesel labeling.
17022. Grants for production of advanced biofuels.
- PART B—BIOFUELS RESEARCH AND DEVELOPMENT**
17031. Biodiesel.
17032. Grants for biofuel production research and development in certain States.
17033. Biofuels and biorefinery information center.
17034. Cellulosic ethanol and biofuels research.
17035. University based research and development grant program.
- PART C—BIOFUELS INFRASTRUCTURE**
17051. Renewable fuel dispenser requirements.
17052. Renewable fuel infrastructure grants.
17053. Federal fleet fueling centers.
17054. Biofuels distribution and advanced biofuels infrastructure.
- SUBCHAPTER III—ENERGY SAVINGS IN BUILDINGS AND INDUSTRY**
17061. Definitions.
17062. Energy efficiency in Federal and other buildings.
17063. Energy information for commercial buildings.
- PART A—RESIDENTIAL BUILDING EFFICIENCY**
17071. Energy Code improvements applicable to manufactured housing.
- PART B—HIGH-PERFORMANCE COMMERCIAL BUILDINGS**
17081. Commercial high-performance green buildings.
17082. Zero Net Energy Commercial Buildings Initiative.
17083. Public outreach.
17084. Separate spaces with high-performance energy efficiency measures.
17085. Tenant Star program.
- PART C—HIGH-PERFORMANCE FEDERAL BUILDINGS**
17091. Leasing.
17092. High-performance green Federal buildings.
17093. Federal green building performance.
17094. Storm water runoff requirements for Federal development projects.
17095. Cost-effective technology acceleration program.
17096. Authorization of appropriations.
- PART D—INDUSTRIAL ENERGY EFFICIENCY**
17111. Energy-intensive industries program.
17112. Energy efficiency for data center buildings.
- PART E—GENERAL PROVISIONS**
17121. Demonstration project.
17122. Research and development.
17123. Green Building Advisory Committee.
17124. Advisory Committee on Energy Efficiency Finance.

- Sec.
SUBCHAPTER IV—ENERGY SAVINGS IN GOVERNMENT AND PUBLIC INSTITUTIONS
- PART A—ENERGY SAVINGS PERFORMANCE CONTRACTING**
17131. Training Federal contracting officers to negotiate energy efficiency contracts.
- PART B—ENERGY EFFICIENCY IN FEDERAL AGENCIES**
17141. Prohibition on incandescent lamps by Coast Guard.
17142. Procurement and acquisition of alternative fuels.
17143. Government efficiency status reports.
17144. OMB Government efficiency reports and scorecards.
- PART C—ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANTS**
17151. Definitions.
17152. Energy Efficiency and Conservation Block Grant Program.
17153. Allocation of funds.
17154. Use of funds.
17155. Requirements for eligible entities.
17156. Competitive grants.
17157. Review and evaluation.
17158. Funding.
- SUBCHAPTER V—ACCELERATED RESEARCH AND DEVELOPMENT**
- PART A—SOLAR ENERGY**
17171. Thermal energy storage research and development program.
17172. Solar energy curriculum development and certification grants.
17173. Daylighting systems and direct solar light pipe technology.
17174. Solar air conditioning research and development program.
17175. Photovoltaic demonstration program.
- PART B—GEOTHERMAL ENERGY**
17191. Definitions.
17192. Hydrothermal research and development.
17193. General geothermal systems research and development.
17194. Enhanced geothermal systems research and development.
17195. Geothermal energy production from oil and gas fields and recovery and production of geopressured gas resources.
17196. Cost sharing and proposal evaluation.
17197. Center for Geothermal Technology Transfer.
17198. GeoPowering America.
17199. Educational pilot program.
17200. Reports.
17201. Applicability of other laws.
17202. Authorization of appropriations.
17203. International geothermal energy development.
17204. High cost region geothermal energy grant program.
- PART C—MARINE AND HYDROKINETIC RENEWABLE ENERGY TECHNOLOGIES**
17211. Definition.
17212. Marine and hydrokinetic renewable energy research and development.
17213. National Marine Renewable Energy Research, Development, and Demonstration Centers.
17214. Applicability of other laws.
17215. Authorization of appropriations.
- PART D—ENERGY STORAGE FOR TRANSPORTATION AND ELECTRIC POWER**
17231. Energy storage competitiveness.
- PART E—MISCELLANEOUS PROVISIONS**
17241. Lightweight materials research and development.

- Sec.
17242. Commercial insulation demonstration program.
17243. Bright Tomorrow Lighting Prizes.
17244. Renewable Energy Innovation Manufacturing Partnership.

SUBCHAPTER VI—CARBON CAPTURE AND SEQUESTRATION

PART A—CARBON CAPTURE AND SEQUESTRATION RESEARCH, DEVELOPMENT, AND DEMONSTRATION

17251. Carbon capture.
17252. Review of large-scale programs.
17253. Geologic sequestration training and research.
17254. Relation to Safe Drinking Water Act.
17255. Safety research.
17256. University based research and development grant program.

PART B—CARBON CAPTURE AND SEQUESTRATION ASSESSMENT AND FRAMEWORK

17271. Carbon dioxide sequestration capacity assessment.
17272. Assessment of carbon sequestration and methane and nitrous oxide emissions from ecosystems.

SUBCHAPTER VII—IMPROVED MANAGEMENT OF ENERGY POLICY

PART A—MANAGEMENT IMPROVEMENTS

17281. National media campaign.
17282. Renewable energy deployment.
17283. Repealed.
17284. Assessment of resources.
17285. Sense of Congress relating to the use of renewable resources to generate energy.
17286. Geothermal assessment, exploration information, and priority activities.

PART B—PROHIBITIONS ON MARKET MANIPULATION AND FALSE INFORMATION

17301. Prohibition on market manipulation.
17302. Prohibition on false information.
17303. Enforcement by the Federal Trade Commission.
17304. Penalties.
17305. Effect on other laws.

SUBCHAPTER VIII—INTERNATIONAL ENERGY PROGRAMS

17321. Definitions.

PART A—ASSISTANCE TO PROMOTE CLEAN AND EFFICIENT ENERGY TECHNOLOGIES IN FOREIGN COUNTRIES

17331. United States assistance for developing countries.
17332. United States exports and outreach programs for India, China, and other countries.
17333. United States trade missions to encourage private sector trade and investment.
17334. Actions by United States International Development Finance Corporation.
17335. Actions by United States Trade and Development Agency.
17336. Deployment of international clean and efficient energy technologies and investment in global energy markets.
17337. United States-Israel energy cooperation.

PART B—INTERNATIONAL CLEAN ENERGY FOUNDATION

17351. Definitions.
17352. Establishment and management of Foundation.
17353. Duties of Foundation.
17354. Annual report.
17355. Powers of the Foundation; related provisions.
17356. General personnel authorities.

- Sec.
17357. Authorization of appropriations.

PART C—MISCELLANEOUS PROVISIONS

17371. Energy diplomacy and security within the Department of State.
17372. Annual national energy security strategy report.
17373. Convention on Supplementary Compensation for Nuclear Damage contingent cost allocation.
17374. Transparency in extractive industries resource payments.
- SUBCHAPTER IX—SMART GRID
17381. Statement of policy on modernization of electricity grid.
17382. Smart grid system report.
17383. Smart Grid Advisory Committee and Smart Grid Task Force.
17384. Smart grid technology research, development, and demonstration.
17385. Smart grid interoperability framework.
17386. Federal matching fund for smart grid investment costs.

§ 17001. Definitions

In this Act:

(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.)

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.

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 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, § 601, Dec. 19, 2007, 121 Stat. 1674, provided that: “This subtitle [subtitle A (§§ 601–607) of title VI of Pub. L. 110–140, enacting part