| 900 | | 900 | | |
|--|--|---|--|--|
| Sec. 16342. | International energy training. | Sec. PART E—MARKET TRANSPARENCY, ENFORCEMENT, AND CONSUMER PROTECTION | | |
| Part | I—RESEARCH ADMINISTRATION AND OPERATIONS | 16471. | Consumer privacy and unfair trade practices. | |
| 16351. 16352. | Availability of funds. Cost sharing. | | PART F—DEFINITIONS | |
| 16352. | Merit review of proposals. | 1.0401 | | |
| 16354. | External technical review of departmental | 16481. | Commission defined. | |
| 16355. | programs. National Laboratory designation. | | SUBCHAPTER XIII—MISCELLANEOUS | |
| 16356. | Report on equal employment opportunity practices. | 16491. 16492. | Energy production incentives. Regulation of certain oil used in transformers. | |
| 16357. 16358. | Strategy for facilities and infrastructure. Strategic research portfolio analysis and co- ordination plan. | 16493. 16494. | National Priority Project Designation. Oxygen-fuel. | |
| 16359. | Competitive award of management contracts. | SUBCHAPTER XIV—ETHANOL AND MOTOR FUELS | | |
| 16360. 16361. | Western Michigan demonstration project. Arctic Engineering Research Center. | 16501. | Commercial byproducts from municipal solid | |
| 16362. | Barrow Geophysical Research Facility. | | waste and cellulosic biomass loan guaran- tee program. | |
| | J—ULTRA-DEEPWATER AND UNCONVENTIONAL URAL GAS AND OTHER PETROLEUM RESOURCES | 16502. 16503. | Advanced Biofuel Technologies Program. Sugar ethanol loan guarantee program. | |
| 16371 to 16378. Repealed. | | SUBCHAPTER XV—INCENTIVES FOR INNOVATIVE | | |
| | SCHAPTER X—DEPARTMENT OF ENERGY | | TECHNOLOGIES | |
| | MANAGEMENT | 16511. | Definitions. | |
| 16391. | Improved technology transfer of energy tech- | 16512. 16513. | Terms and conditions. Eligible projects. | |
| 1,0000 | nologies. | 16514. | Authorization of appropriations. | |
| 16392. 16393. | Technology Infrastructure Program. Small business advocacy and assistance. | 16515. | Limitation on commitments to guarantee | |
| 16394. | Outreach. | 16516. | loans. Omitted. | |
| 16395. | Relationship to other laws. | | SUBCHAPTER XVI—STUDIES | |
| 16396. | Prizes for achievement in grand challenges of science and technology. | 16521. | Report on energy integration with Latin | |
| SUBCHAPTER XI—PERSONNEL AND TRAINING | | 10021. | America. | |
| 16411. | Workforce trends and traineeship grants. | 16522. | Low-volume gas reservoir study. | |
| 16412. | Training guidelines for nonnuclear electric | 16523. 16524. | Alaska natural gas pipeline. Study on the benefits of economic dispatch. | |
| 16413. | energy industry personnel. National Center for Energy Management and Building Technologies. | SUBCHAPTER XVII—PROTECTING AMERICA'S COMPETITIVE EDGE THROUGH ENERGY | | |
| 16414. | National Power Plant Operations Technology | 16531. | Definitions. | |
| | and Educational Center. | 16532. | Nuclear science talent expansion program for | |
| | SUBCHAPTER XII—ELECTRICITY | 16533. | institutions of higher education. Hydrocarbon systems science talent expan- | |
| Part A—Transmission Infrastructure Modernization | | 10000. | sion program for institutions of higher edu- cation. | |
| 16421. | Third-party finance. | 16534. | Department of Energy early career awards for | |
| 16421a. | Western Area Power Administration borrow- ing authority. | | science, engineering, and mathematics re- searchers. | |
| 16422. | Advanced transmission technologies. | 16535. | Discovery science and engineering innovation | |
| 16423. | Advanced Power System Technology Incen- | 16536. | institutes. Protecting America's Competitive Edge | |
| | tive Program. | | (PACE) graduate fellowship program. | |
| | B—TRANSMISSION OPERATION IMPROVEMENTS | 16537. 16538. | Distinguished scientist program. Advanced Research Projects Agency—Energy. | |
| 16431. | Federal utility participation in transmission organizations. | 16539. | National Laboratory Jobs ACCESS Program. | |
| 16432. | Study on the benefits of economic dispatch. | § 1580 | 1. Definitions | |
| | PART C—TRANSMISSION RATE REFORM | Exe | ept as otherwise provided, in this Act: | |
| 16441. | Funding new interconnection and trans- | | Department | |
| mission upgrades. | | | The term "Department" means the Depart- | |
| PART D—REPEAL OF PUBLIC UTILITY HOLDING COMPANY ACT OF 1935 | | ment of Energy. | | |
| | | | (2) Institution of higher education | |
| 16451. 16452. | Definitions. Federal access to books and records. | (A |) In general | |
| 16453. | 16453. State access to books and records. | | The term "institution of higher edu- | |
| 16454. | | | cation" has the meaning given the term in | |
| 16455. | AIIIIIale transactions. | se | ction 1001(a) of title 20. | |

| 10401. | Delinitions. |
|--------|--------------------------------------|
| 16452. | Federal access to books and records. |
| 16453. | State access to books and records. |
| 16454. | Exemption authority. |
| 16455. | Affiliate transactions. |
| 16456. | Applicability. |
| 16457. | Effect on other regulations. |
| 16458. | Enforcement. |
| 16459. | Savings provisions. |
| 16460. | Implementation. |
| 16461. | Transfer of resources. |
| 16462. | Service allocation. |
| 16463. | Authorization of appropriations. |
| | |

section 1001(a) of title 20. (B) Inclusion

The term "institution of higher education" includes an organization that—

(i) is organized, and at all times there-

(i) is organized, and at all times thereafter operated, exclusively for the benefit of, to perform the functions of, or to carry

out the functions of one or more organizations referred to in subparagraph (A); and (ii) is operated, supervised, or controlled

by or in connection with one or more of those organizations.

(3) National Laboratory

The term "National Laboratory" means any of the following laboratories owned by the Department:

- (A) Ames Laboratory.
- (B) Argonne National Laboratory.
- (C) Brookhaven National Laboratory.
- (D) Fermi National Accelerator Laboratory.
 - (E) Idaho National Laboratory.
- (F) Lawrence Berkeley National Laboratory.
- (G) Lawrence Livermore National Laboratory.
 - (H) Los Alamos National Laboratory.
- (I) National Energy Technology Laboratory.
- (J) National Renewable Energy Laboratory.
 - (K) Oak Ridge National Laboratory.
- (L) Pacific Northwest National Laboratory.
 - (M) Princeton Plasma Physics Laboratory.
 - (N) Sandia National Laboratories.
 - (O) Savannah River National Laboratory.
 - (P) Stanford Linear Accelerator Center.
- $\left(\mathbf{Q}\right)$ Thomas Jefferson National Accelerator Facility.

(4) Secretary

The term "Secretary" means the Secretary of Energy.

(5) Small business concern

The term "small business concern" has the meaning given the term in section 632 of title

(Pub. L. 109–58, §2, Aug. 8, 2005, 119 Stat. 604.)

References in Text

This Act, referred to in text, is Pub. L. 109–58, Aug. 8, 2005, 119 Stat. 594, as amended, known as the Energy Policy Act of 2005, which enacted this chapter and enacted, amended, and repealed numerous other sections and notes in the Code. For complete classification of this Act to the Code, see Short Title note below and Tables.

SHORT TITLE OF 2018 AMENDMENT

Pub. L. 115–248, §1, Sept. 28, 2018, 132 Stat. 3154, provided that: "This Act [enacting sections 16278 to 16280 of this title and amending sections 16021, 16271 to 16274, and 16275 to 16277 of this title] may be cited as the 'Nuclear Energy Innovation Capabilities Act of 2017'."

SHORT TITLE OF 2011 AMENDMENT

Pub. L. 111–364, §1, Jan. 4, 2011, 124 Stat. 4056, provided that: "This Act [amending sections 16131 to 16134 and 16137 of this title and enacting provisions set out as a note under section 16131 of this title] may be cited as the 'Diesel Emissions Reduction Act of 2010'."

SHORT TITLE OF 2007 AMENDMENT

Pub. L. 110-69, title V, \$5001, Aug. 9, 2007, 121 Stat. 600, provided that: "This title [enacting subchapter XVII of this chapter and sections 7381g to 7381r of this title, amending sections 7381a, 7381d, 7381e, and 16311 of this title, and enacting provisions set out as a note under

section 7381g of this title] may be cited as the 'Protecting America's Competitive Edge Through Energy Act' or the 'PACE-Energy Act'."

SHORT TITLE OF 2006 AMENDMENT

Pub. L. 109-375, §1, Dec. 1, 2006, 120 Stat. 2656, provided that: "This Act [amending section 15855 of this title] may be cited as the 'Sierra National Forest Land Exchange Act of 2006'."

SHORT TITLE

Pub. L. 109–58, §1(a), Aug. 8, 2005, 119 Stat. 594, provided that: "This Act [see Tables for classification] may be cited as the 'Energy Policy Act of 2005'." Pub. L. 109–58, title IV, §431, Aug. 8, 2005, 119 Stat. 760,

Pub. L. 109–58, title IV, §431, Aug. 8, 2005, 119 Stat. 760, provided that: "This subtitle [subtitle D (§\$431–438) of title IV of Pub. L. 109–58, enacting part C (§15991) of subchapter IV of this chapter, amending sections 201, 202a, 203, and 207 of Title 30, Mineral Lands and Mining, and enacting provisions set out as a note under section 201 of Title 30] may be cited as the 'Coal Leasing Amendments Act of 2005'."

Pub. L. 109–58, title V, §501, Aug. 8, 2005, 119 Stat. 763, provided that: "This title [enacting subchapter V of this chapter, section 7144e of this title, and chapter 37 (§3501 et seq.) of Title 25, Indians, amending section 5315 of Title 5, Government Organization and Employees, and section 4132 of Title 25, and enacting provisions set out as a note under section 3501 of Title 25] may be cited as the 'Indian Tribal Energy Development and Self-Determination Act of 2005."

Pub. L. 109-58, title VIII, §801, Aug. 8, 2005, 119 Stat. 844, provided that: "This title [enacting subchapter VIII of this chapter] may be cited as the 'Spark M. Matsunaga Hydrogen Act of 2005'."

Pub. L. 109-58, title IX, §901, Aug. 8, 2005, 119 Stat. 856, provided that: "This title [enacting subchapter IX of this chapter, amending sections 8101 and 8102 of Title 7, Agriculture, and section 5523 of Title 15, Commerce and Trade, enacting provisions set out as notes under section 8102 of Title 7 and section 2001 of Title 30, Mineral Lands and Mining, amending provisions set out as notes under section 8101 of Title 7, and section 1902 of Title 30] may be cited as the 'Energy Research, Development, Demonstration, and Commercial Application Act of 2005'."

Pub. L. 109–58, title XII, \S 1201, Aug. 8, 2005, 119 Stat. 941, provided that: "This title [enacting subchapter XII of this chapter and sections 824j–1 and 824 σ to 824 σ of Title 16, Conservation, amending sections 796, 824, 824a–3, 824b, 824e, 824j, 824m, 825e, 825f, 825 σ to 825 σ -1, 2621, 2622, 2625, 2634, and 2642 of Title 16, repealing chapter 2C (\S 79 et seq.) of Title 15, Commerce and Trade, and sections 824n and 825q of Title 16, and enacting provisions set out as notes under section 16451 of this title and sections 824b, 824 σ , 824q, and 2642 of Title 16] may be cited as the 'Electricity Modernization Act of 2005'."

Pub. L. 109–58, title XII, §1261, Aug. 8, 2005, 119 Stat. 972, provided that: "This subtitle [subtitle F (§§1261–1277) of title XII of Pub.L. 109–58, enacting part D (§16451 et seq.) of subchapter XII of this chapter, amending sections 824 and 824m of Title 16, Conservation, repealing chapter 2C (§79 et seq.) of Title 15, Commerce and Trade, and section 825q of Title 16, and enacting provisions set out as a note under section 16451 of this title] may be cited as the 'Public Utility Holding Company Act of 2005'."

SUBCHAPTER I—ENERGY EFFICIENCY

PART A-FEDERAL PROGRAMS

§ 15811. Voluntary commitments to reduce industrial energy intensity

(a) Definition of energy intensity

In this section, the term "energy intensity" means the primary energy consumed for each unit of physical output in an industrial process.