

(Pub. L. 109-58, title XI, §1101, Aug. 8, 2005, 119 Stat. 937.)

#### **§ 16412. Training guidelines for nonnuclear electric energy industry personnel**

##### **(a) In general**

The Secretary of Labor, in consultation with the Secretary and in conjunction with the electric industry and recognized employee representatives, shall develop model personnel training guidelines to support the reliability and safety of the nonnuclear electric system.

##### **(b) Requirements**

The training guidelines under subsection (a) shall, at a minimum—

(1) include training requirements for workers engaged in the construction, operation, inspection, or maintenance of nonnuclear electric generation, transmission, or distribution systems, including requirements relating to—

- (A) competency;
- (B) certification; and
- (C) assessment, including—

(i) initial and continuous evaluation of workers;

(ii) recertification procedures; and

(iii) methods for examining or testing the qualification of an individual who performs a covered task; and

(2) consolidate training guidelines in existence on the date on which the guidelines under subsection (a) are developed relating to the construction, operation, maintenance, and inspection of nonnuclear electric generation, transmission, and distribution facilities, such as guidelines established by the National Electric Safety Code and other industry consensus standards.

(Pub. L. 109-58, title XI, §1103, Aug. 8, 2005, 119 Stat. 939.)

#### **§ 16413. National Center for Energy Management and Building Technologies**

The Secretary shall support the ongoing activities of and explore opportunities for expansion of the National Center for Energy Management and Building Technologies to carry out research, education, and training activities to facilitate the improvement of energy efficiency, indoor environmental quality, and security of industrial, commercial, residential, and public buildings.

(Pub. L. 109-58, title XI, §1104, Aug. 8, 2005, 119 Stat. 939.)

#### **§ 16414. National Power Plant Operations Technology and Educational Center**

##### **(a) Establishment**

The Secretary shall support the establishment of a National Power Plant Operations Technology and Education Center (referred to in this section as the “Center”), to address the need for training and educating certified operators and technicians for the electric power industry.

##### **(b) Location of Center**

The Secretary shall support the establishment of the Center at an institution of higher education that has—

(1) expertise in providing degree programs in electric power generation, transmission, and distribution technologies;

(2) expertise in providing onsite and Internet-based training; and

(3) demonstrated responsiveness to workforce and training requirements in the electric power industry.

#### **(c) Training and continuing education**

##### **(1) In general**

The Center shall provide training and continuing education in electric power generation, transmission, and distribution technologies and operations.

##### **(2) Location**

The Center shall carry out training and education activities under paragraph (1)—

(A) at the Center; and

(B) through Internet-based information technologies that allow for learning at remote sites.

(Pub. L. 109-58, title XI, §1106, Aug. 8, 2005, 119 Stat. 940.)

## SUBCHAPTER XII—ELECTRICITY

### PART A—TRANSMISSION INFRASTRUCTURE MODERNIZATION

#### **§ 16421. Third-party finance**

##### **(a) Existing facilities**

The Secretary, acting through the Administrator of the Western Area Power Administration (hereinafter in this section referred to as “WAPA”), or through the Administrator of the Southwestern Power Administration (hereinafter in this section referred to as “SWPA”), or both, may design, develop, construct, operate, maintain, or own, or participate with other entities in designing, developing, constructing, operating, maintaining, or owning, an electric power transmission facility and related facilities (“Project”) needed to upgrade existing transmission facilities owned by SWPA or WAPA if the Secretary, in consultation with the applicable Administrator, determines that the proposed Project—

(1)(A) is located in a national interest electric transmission corridor designated under section 216(a) of the Federal Power Act [16 U.S.C. 824p(a)] and will reduce congestion of electric transmission in interstate commerce; or

(B) is necessary to accommodate an actual or projected increase in demand for electric transmission capacity;

(2) is consistent with—

(A) transmission needs identified, in a transmission expansion plan or otherwise, by the appropriate Transmission Organization (as defined in the Federal Power Act [16 U.S.C. 791a et seq.]), if any, or approved regional reliability organization; and

(B) efficient and reliable operation of the transmission grid; and

(3) would be operated in conformance with prudent utility practice.

##### **(b) New facilities**

The Secretary, acting through WAPA or SWPA, or both, may design, develop, construct,