

(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.

TITLE XII—ELECTRICITY

SEC. 1201. SHORT TITLE.

This title may be cited as the “Electricity Modernization Act of 2005”.

Subtitle A—Reliability Standards

SEC. 1211. ELECTRIC RELIABILITY STANDARDS.

(a) IN GENERAL.—Part II of the Federal Power Act (16 U.S.C. 824 et seq.) is amended by adding at the end the following:

“SEC. 215. ELECTRIC RELIABILITY.

“(a) DEFINITIONS.—For purposes of this section:

“(1) The term ‘bulk-power system’ means—

“(A) facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof); and

“(B) electric energy from generation facilities needed to maintain transmission system reliability.

The term does not include facilities used in the local distribution of electric energy.

“(2) The terms ‘Electric Reliability Organization’ and ‘ERO’ mean the organization certified by the Commission under subsection (c) the purpose of which is to establish and enforce reliability standards for the bulk-power system, subject to Commission review.

“(3) The term ‘reliability standard’ means a requirement, approved by the Commission under this section, to provide for reliable operation of the bulk-power system. The term includes requirements for the operation of existing bulk-power system facilities, including cybersecurity protection, and the design of planned additions or modifications to such facilities to the extent necessary to provide for reliable operation of the bulk-power system, but the term does not include any requirement to enlarge such facilities or to construct new transmission capacity or generation capacity.

“(4) The term ‘reliable operation’ means operating the elements of the bulk-power system within equipment and electric system thermal, voltage, and stability limits so that instability, uncontrolled separation, or cascading failures of such system will not occur as a result of a sudden disturbance, including a cybersecurity incident, or unanticipated failure of system elements.

“(5) The term ‘Interconnection’ means a geographic area in which the operation of bulk-power system components is synchronized such that the failure of one or more of such components may adversely affect the ability of the operators of other components within the system to maintain reliable operation of the facilities within their control.

“(6) The term ‘transmission organization’ means a Regional Transmission Organization, Independent System Operator, independent transmission provider, or other transmission organization finally approved by the Commission for the operation of transmission facilities.

“(7) The term ‘regional entity’ means an entity having enforcement authority pursuant to subsection (e)(4).

“(8) The term ‘cybersecurity incident’ means a malicious act or suspicious event that disrupts, or was an attempt to disrupt, the operation of those programmable electronic devices and communication networks including hardware, software and data that are essential to the reliable operation of the bulk power system.

“(b) JURISDICTION AND APPLICABILITY.—(1) The Commission shall have jurisdiction, within the United States, over the ERO certified by the Commission under subsection (c), any regional entities, and all users, owners and operators of the bulk-power system, including but not limited to the entities described in section 201(f), for purposes of approving reliability standards established under this section and enforcing compliance with this section. All users, owners and operators of the bulk-power system shall comply with reliability standards that take effect under this section.

“(2) The Commission shall issue a final rule to implement the requirements of this section not later than 180 days after the date of enactment of this section.

“(c) CERTIFICATION.—Following the issuance of a Commission rule under subsection (b)(2), any person may submit an application to the Commission for certification as the Electric Reliability Organization. The Commission may certify one such ERO if the Commission determines that such ERO—

“(1) has the ability to develop and enforce, subject to subsection (e)(2), reliability standards that provide for an adequate level of reliability of the bulk-power system; and

“(2) has established rules that—

“(A) assure its independence of the users and owners and operators of the bulk-power system, while assuring fair stakeholder representation in the selection of its directors and balanced decisionmaking in any ERO committee or subordinate organizational structure;

“(B) allocate equitably reasonable dues, fees, and other charges among end users for all activities under this section;

“(C) provide fair and impartial procedures for enforcement of reliability standards through the imposition of penalties in accordance with subsection (e) (including limitations on activities, functions, or operations, or other appropriate sanctions);

“(D) provide for reasonable notice and opportunity for public comment, due process, openness, and balance of interests in developing reliability standards and otherwise exercising its duties; and

“(E) provide for taking, after certification, appropriate steps to gain recognition in Canada and Mexico.

“(d) RELIABILITY STANDARDS.—(1) The Electric Reliability Organization shall file each reliability standard or modification to a reliability standard that it proposes to be made effective under this section with the Commission.

“(2) The Commission may approve, by rule or order, a proposed reliability standard or modification to a reliability standard if it determines that the standard is just, reasonable, not unduly discriminatory or preferential, and in the public interest. The Commission shall give due weight to the technical expertise of the Electric Reliability Organization with respect to the content of a proposed standard or modification to a reliability standard and to the technical expertise of a regional entity organized on an Interconnection-wide basis with respect to a reliability standard to be applicable within that Interconnection, but shall not defer with respect to the effect of a standard on competition. A proposed standard or modification shall take effect upon approval by the Commission.

“(3) The Electric Reliability Organization shall rebuttably presume that a proposal from a regional entity organized on an Interconnection-wide basis for a reliability standard or modification to a reliability standard to be applicable on an Interconnection-wide basis is just, reasonable, and not unduly discriminatory or preferential, and in the public interest.

“(4) The Commission shall remand to the Electric Reliability Organization for further consideration a proposed reliability standard or a modification to a reliability standard that the Commission disapproves in whole or in part.

“(5) The Commission, upon its own motion or upon complaint, may order the Electric Reliability Organization to submit to the Commission a proposed reliability standard or a modification to a reliability standard that addresses a specific matter if the Commission considers such a new or modified reliability standard appropriate to carry out this section.

“(6) The final rule adopted under subsection (b)(2) shall include fair processes for the identification and timely resolution of any conflict between a reliability standard and any function, rule, order, tariff, rate schedule, or agreement accepted, approved, or ordered by the Commission applicable to a transmission organization. Such transmission organization shall continue to comply with such function, rule, order, tariff, rate schedule or agreement accepted, approved, or ordered by the Commission until—

“(A) the Commission finds a conflict exists between a reliability standard and any such provision;

“(B) the Commission orders a change to such provision pursuant to section 206 of this part; and

“(C) the ordered change becomes effective under this part.

If the Commission determines that a reliability standard needs to be changed as a result of such a conflict, it shall order the ERO to develop and file with the Commission a modified reliability standard under paragraph (4) or (5) of this subsection.

“(e) ENFORCEMENT.—(1) The ERO may impose, subject to paragraph (2), a penalty on a user or owner or operator of the bulk-power system for a violation of a reliability standard approved by the Commission under subsection (d) if the ERO, after notice and an opportunity for a hearing—

“(A) finds that the user or owner or operator has violated a reliability standard approved by the Commission under subsection (d); and

“(B) files notice and the record of the proceeding with the Commission.

“(2) A penalty imposed under paragraph (1) may take effect not earlier than the 31st day after the ERO files with the Commission notice of the penalty and the record of proceedings. Such penalty shall be subject to review by the Commission, on its own motion or upon application by the user, owner or operator that is the subject of the penalty filed within 30 days after the date such notice is filed with the Commission. Application to the Commission for review, or the initiation of review by the Commission on its own motion, shall not operate as a stay of such penalty unless the Commission otherwise orders upon its own motion or upon application by the user, owner or operator that is the subject of such penalty. In any proceeding to review a penalty imposed under paragraph (1), the Commission, after notice and opportunity for hearing (which hearing may consist solely of the record before the ERO and opportunity for the presentation of supporting reasons to affirm, modify, or set aside the penalty), shall by order affirm, set aside, reinstate, or modify the penalty, and, if appropriate, remand to the ERO for further proceedings. The Commission shall implement expedited procedures for such hearings.

“(3) On its own motion or upon complaint, the Commission may order compliance with a reliability standard and may impose a penalty against a user or owner or operator of the bulk-power system if the Commission finds, after notice and opportunity for a hearing, that the user or owner or operator of the bulk-power system has engaged or is about to engage in any acts or practices that constitute or will constitute a violation of a reliability standard.

“(4) The Commission shall issue regulations authorizing the ERO to enter into an agreement to delegate authority to a regional entity for the purpose of proposing reliability standards to the ERO and enforcing reliability standards under paragraph (1) if—

“(A) the regional entity is governed by—

“(i) an independent board;

“(ii) a balanced stakeholder board; or

“(iii) a combination independent and balanced stakeholder board.

“(B) the regional entity otherwise satisfies the provisions of subsection (c)(1) and (2); and

“(C) the agreement promotes effective and efficient administration of bulk-power system reliability.

The Commission may modify such delegation. The ERO and the Commission shall rebuttably presume that a proposal for delegation to a regional entity organized on an Interconnection-wide basis promotes effective and efficient administration of bulk-power system reliability and should be approved. Such regulation may provide that the Commission may assign the ERO’s authority to enforce reliability standards under paragraph (1) directly to a regional entity consistent with the requirements of this paragraph.

“(5) The Commission may take such action as is necessary or appropriate against the ERO or a regional entity to ensure compliance with a reliability standard or any Commission order affecting the ERO or a regional entity.

“(6) Any penalty imposed under this section shall bear a reasonable relation to the seriousness of the violation and shall take into consideration the efforts of such user, owner, or operator to remedy the violation in a timely manner.

“(f) CHANGES IN ELECTRIC RELIABILITY ORGANIZATION RULES.—The Electric Reliability Organization shall file with the Commission for approval any proposed rule or proposed rule change, accompanied by an explanation of its basis and purpose. The Commission, upon its own motion or complaint, may propose a change to the rules of the ERO. A proposed rule or proposed rule change shall take effect upon a finding by the Commission, after notice and opportunity for comment, that the change is just, reasonable, not unduly discriminatory or preferential, is in the public interest, and satisfies the requirements of subsection (c).

“(g) RELIABILITY REPORTS.—The ERO shall conduct periodic assessments of the reliability and adequacy of the bulk-power system in North America.

“(h) COORDINATION WITH CANADA AND MEXICO.—The President is urged to negotiate international agreements with the governments of Canada and Mexico to provide for effective compliance with reliability standards and the effectiveness of the ERO in the United States and Canada or Mexico.

“(i) SAVINGS PROVISIONS.—(1) The ERO shall have authority to develop and enforce compliance with reliability standards for only the bulk-power system.

“(2) This section does not authorize the ERO or the Commission to order the construction of additional generation or transmission capacity or to set and enforce compliance with standards for adequacy or safety of electric facilities or services.

“(3) Nothing in this section shall be construed to preempt any authority of any State to take action to ensure the safety, adequacy, and reliability of electric service within that State, as long as such action is not inconsistent with any reliability standard, except that the State of New York may establish rules that result in greater reliability within that State, as long as such action does not result in lesser reliability outside the State than that provided by the reliability standards.

“(4) Within 90 days of the application of the Electric Reliability Organization or other affected party, and after notice and opportunity for comment, the Commission shall issue a final order determining whether a State action is inconsistent with a reliability standard, taking into consideration any recommendation of the ERO.

“(5) The Commission, after consultation with the ERO and the State taking action, may stay the effectiveness of any State action, pending the Commission’s issuance of a final order.

“(j) REGIONAL ADVISORY BODIES.—The Commission shall establish a regional advisory body on the petition of at least two-thirds of the States within a region that have more than one-half of their electric load served within the region. A regional advisory body shall be composed of one member from each participating State in the region, appointed by the Governor of each State, and may include representatives of agencies, States, and provinces outside the United States. A regional advisory body may provide advice to the Electric Reliability Organization, a regional entity, or the Commission regarding the governance of an existing or proposed regional entity within the same region, whether a standard

proposed to apply within the region is just, reasonable, not unduly discriminatory or preferential, and in the public interest, whether fees proposed to be assessed within the region are just, reasonable, not unduly discriminatory or preferential, and in the public interest and any other responsibilities requested by the Commission. The Commission may give deference to the advice of any such regional advisory body if that body is organized on an Interconnection-wide basis.

“(k) ALASKA AND HAWAII.—The provisions of this section do not apply to Alaska or Hawaii.”

(b) STATUS OF ERO.—The Electric Reliability Organization certified by the Federal Energy Regulatory Commission under section 215(c) of the Federal Power Act and any regional entity delegated enforcement authority pursuant to section 215(e)(4) of that Act are not departments, agencies, or instrumentalities of the United States Government.

(c) ACCESS APPROVALS BY FEDERAL AGENCIES.—Federal agencies responsible for approving access to electric transmission or distribution facilities located on lands within the United States shall, in accordance with applicable law, expedite any Federal agency approvals that are necessary to allow the owners or operators of such facilities to comply with any reliability standard, approved by the Commission under section 215 of the Federal Power Act, that pertains to vegetation management, electric service restoration, or resolution of situations that imminently endanger the reliability or safety of the facilities.

Subtitle B—Transmission Infrastructure Modernization

SEC. 1221. SITING OF INTERSTATE ELECTRIC TRANSMISSION FACILITIES.

(a) IN GENERAL.—Part II of the Federal Power Act (16 U.S.C. 824 et seq.) is amended by adding at the end the following:

“SEC. 216. SITING OF INTERSTATE ELECTRIC TRANSMISSION FACILITIES.

“(a) DESIGNATION OF NATIONAL INTEREST ELECTRIC TRANSMISSION CORRIDORS.—(1) Not later than 1 year after the date of enactment of this section and every 3 years thereafter, the Secretary of Energy (referred to in this section as the ‘Secretary’), in consultation with affected States, shall conduct a study of electric transmission congestion.

“(2) After considering alternatives and recommendations from interested parties (including an opportunity for comment from affected States), the Secretary shall issue a report, based on the study, which may designate any geographic area experiencing electric energy transmission capacity constraints or congestion that adversely affects consumers as a national interest electric transmission corridor.

“(3) The Secretary shall conduct the study and issue the report in consultation with any appropriate regional entity referred to in section 215.

“(4) In determining whether to designate a national interest electric transmission corridor under paragraph (2), the Secretary may consider whether—

“(A) the economic vitality and development of the corridor, or the end markets served by the corridor, may be constrained by lack of adequate or reasonably priced electricity;

“(B)(i) economic growth in the corridor, or the end markets served by the corridor, may be jeopardized by reliance on limited sources of energy; and

“(ii) a diversification of supply is warranted;

“(C) the energy independence of the United States would be served by the designation;

“(D) the designation would be in the interest of national energy policy; and

“(E) the designation would enhance national defense and homeland security.

“(b) CONSTRUCTION PERMIT.—Except as provided in subsection (i), the Commission may, after notice and an opportunity for hearing, issue one or more permits for the construction or modification of electric transmission facilities in a national interest electric transmission corridor designated by the Secretary under subsection (a) if the Commission finds that—

“(1)(A) a State in which the transmission facilities are to be constructed or modified does not have authority to—

“(i) approve the siting of the facilities; or

“(ii) consider the interstate benefits expected to be achieved by the proposed construction or modification of transmission facilities in the State;

“(B) the applicant for a permit is a transmitting utility under this Act but does not qualify to apply for a permit or siting approval for the proposed project in a State because the applicant does not serve end-use customers in the State; or

“(C) a State commission or other entity that has authority to approve the siting of the facilities has—

“(i) withheld approval for more than 1 year after the filing of an application seeking approval pursuant to applicable law or 1 year after the designation of the relevant national interest electric transmission corridor, whichever is later; or

“(ii) conditioned its approval in such a manner that the proposed construction or modification will not significantly reduce transmission congestion in interstate commerce or is not economically feasible;

“(2) the facilities to be authorized by the permit will be used for the transmission of electric energy in interstate commerce;

“(3) the proposed construction or modification is consistent with the public interest;

“(4) the proposed construction or modification will significantly reduce transmission congestion in interstate commerce and protects or benefits consumers;

“(5) the proposed construction or modification is consistent with sound national energy policy and will enhance energy independence; and

“(6) the proposed modification will maximize, to the extent reasonable and economical, the transmission capabilities of existing towers or structures.

“(c) PERMIT APPLICATIONS.—(1) Permit applications under subsection (b) shall be made in writing to the Commission.

“(2) The Commission shall issue rules specifying—

“(A) the form of the application;

“(B) the information to be contained in the application;
and

“(C) the manner of service of notice of the permit application on interested persons.

“(d) COMMENTS.—In any proceeding before the Commission under subsection (b), the Commission shall afford each State in which a transmission facility covered by the permit is or will be located, each affected Federal agency and Indian tribe, private property owners, and other interested persons, a reasonable opportunity to present their views and recommendations with respect to the need for and impact of a facility covered by the permit.

“(e) RIGHTS-OF-WAY.—(1) In the case of a permit under subsection (b) for electric transmission facilities to be located on property other than property owned by the United States or a State, if the permit holder cannot acquire by contract, or is unable to agree with the owner of the property to the compensation to be paid for, the necessary right-of-way to construct or modify the transmission facilities, the permit holder may acquire the right-of-way by the exercise of the right of eminent domain in the district court of the United States for the district in which the property concerned is located, or in the appropriate court of the State in which the property is located.

“(2) Any right-of-way acquired under paragraph (1) shall be used exclusively for the construction or modification of electric transmission facilities within a reasonable period of time after the acquisition.

“(3) The practice and procedure in any action or proceeding under this subsection in the district court of the United States shall conform as nearly as practicable to the practice and procedure in a similar action or proceeding in the courts of the State in which the property is located.

“(4) Nothing in this subsection shall be construed to authorize the use of eminent domain to acquire a right-of-way for any purpose other than the construction, modification, operation, or maintenance of electric transmission facilities and related facilities. The right-of-way cannot be used for any other purpose, and the right-of-way shall terminate upon the termination of the use for which the right-of-way was acquired.

“(f) COMPENSATION.—(1) Any right-of-way acquired pursuant to subsection (e) shall be considered a taking of private property for which just compensation is due.

“(2) Just compensation shall be an amount equal to the fair market value (including applicable severance damages) of the property taken on the date of the exercise of eminent domain authority.

“(g) STATE LAW.—Nothing in this section precludes any person from constructing or modifying any transmission facility in accordance with State law.

“(h) COORDINATION OF FEDERAL AUTHORIZATIONS FOR TRANSMISSION FACILITIES.—(1) In this subsection:

“(A) The term ‘Federal authorization’ means any authorization required under Federal law in order to site a transmission facility.

“(B) The term ‘Federal authorization’ includes such permits, special use authorizations, certifications, opinions, or other

approvals as may be required under Federal law in order to site a transmission facility.

“(2) The Department of Energy shall act as the lead agency for purposes of coordinating all applicable Federal authorizations and related environmental reviews of the facility.

“(3) To the maximum extent practicable under applicable Federal law, the Secretary shall coordinate the Federal authorization and review process under this subsection with any Indian tribes, multistate entities, and State agencies that are responsible for conducting any separate permitting and environmental reviews of the facility, to ensure timely and efficient review and permit decisions.

“(4)(A) As head of the lead agency, the Secretary, in consultation with agencies responsible for Federal authorizations and, as appropriate, with Indian tribes, multistate entities, and State agencies that are willing to coordinate their own separate permitting and environmental reviews with the Federal authorization and environmental reviews, shall establish prompt and binding intermediate milestones and ultimate deadlines for the review of, and Federal authorization decisions relating to, the proposed facility.

“(B) The Secretary shall ensure that, once an application has been submitted with such data as the Secretary considers necessary, all permit decisions and related environmental reviews under all applicable Federal laws shall be completed—

“(i) within 1 year; or

“(ii) if a requirement of another provision of Federal law does not permit compliance with clause (i), as soon thereafter as is practicable.

“(C) The Secretary shall provide an expeditious pre-application mechanism for prospective applicants to confer with the agencies involved to have each such agency determine and communicate to the prospective applicant not later than 60 days after the prospective applicant submits a request for such information concerning—

“(i) the likelihood of approval for a potential facility; and

“(ii) key issues of concern to the agencies and public.

“(5)(A) As lead agency head, the Secretary, in consultation with the affected agencies, shall prepare a single environmental review document, which shall be used as the basis for all decisions on the proposed project under Federal law.

“(B) The Secretary and the heads of other agencies shall streamline the review and permitting of transmission within corridors designated under section 503 of the Federal Land Policy and Management Act (43 U.S.C. 1763) by fully taking into account prior analyses and decisions relating to the corridors.

“(C) The document shall include consideration by the relevant agencies of any applicable criteria or other matters as required under applicable law.

“(6)(A) If any agency has denied a Federal authorization required for a transmission facility, or has failed to act by the deadline established by the Secretary pursuant to this section for deciding whether to issue the authorization, the applicant or any State in which the facility would be located may file an appeal with the President, who shall, in consultation with the affected agency, review the denial or failure to take action on the pending application.

“(B) Based on the overall record and in consultation with the affected agency, the President may—

“(i) issue the necessary authorization with any appropriate conditions; or

“(ii) deny the application.

“(C) The President shall issue a decision not later than 90 days after the date of the filing of the appeal.

“(D) In making a decision under this paragraph, the President shall comply with applicable requirements of Federal law, including any requirements of—

“(i) the National Forest Management Act of 1976 (16 U.S.C. 472a et seq.);

“(ii) the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.);

“(iii) the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.);

“(iv) the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.); and

“(v) the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1701 et seq.).

“(7)(A) Not later than 18 months after the date of enactment of this section, the Secretary shall issue any regulations necessary to implement this subsection.

“(B)(i) Not later than 1 year after the date of enactment of this section, the Secretary and the heads of all Federal agencies with authority to issue Federal authorizations shall enter into a memorandum of understanding to ensure the timely and coordinated review and permitting of electricity transmission facilities.

“(ii) Interested Indian tribes, multistate entities, and State agencies may enter the memorandum of understanding.

“(C) The head of each Federal agency with authority to issue a Federal authorization shall designate a senior official responsible for, and dedicate sufficient other staff and resources to ensure, full implementation of the regulations and memorandum required under this paragraph.

“(8)(A) Each Federal land use authorization for an electricity transmission facility shall be issued—

“(i) for a duration, as determined by the Secretary, commensurate with the anticipated use of the facility; and

“(ii) with appropriate authority to manage the right-of-way for reliability and environmental protection.

“(B) On the expiration of the authorization (including an authorization issued before the date of enactment of this section), the authorization shall be reviewed for renewal taking fully into account reliance on such electricity infrastructure, recognizing the importance of the authorization for public health, safety, and economic welfare and as a legitimate use of Federal land.

“(9) In exercising the responsibilities under this section, the Secretary shall consult regularly with—

“(A) the Federal Energy Regulatory Commission;

“(B) electric reliability organizations (including related regional entities) approved by the Commission; and

“(C) Transmission Organizations approved by the Commission.

“(i) INTERSTATE COMPACTS.—(1) The consent of Congress is given for three or more contiguous States to enter into an interstate compact, subject to approval by Congress, establishing regional transmission siting agencies to—

“(A) facilitate siting of future electric energy transmission facilities within those States; and

“(B) carry out the electric energy transmission siting responsibilities of those States.

“(2) The Secretary may provide technical assistance to regional transmission siting agencies established under this subsection.

“(3) The regional transmission siting agencies shall have the authority to review, certify, and permit siting of transmission facilities, including facilities in national interest electric transmission corridors (other than facilities on property owned by the United States).

“(4) The Commission shall have no authority to issue a permit for the construction or modification of an electric transmission facility within a State that is a party to a compact, unless the members of the compact are in disagreement and the Secretary makes, after notice and an opportunity for a hearing, the finding described in subsection (b)(1)(C).

“(j) RELATIONSHIP TO OTHER LAWS.—(1) Except as specifically provided, nothing in this section affects any requirement of an environmental law of the United States, including the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.).

“(2) Subsection (h)(6) shall not apply to any unit of the National Park System, the National Wildlife Refuge System, the National Wild and Scenic Rivers System, the National Trails System, the National Wilderness Preservation System, or a National Monument.

“(k) ERCOT.—This section shall not apply within the area referred to in section 212(k)(2)(A).”.

(b) REPORTS TO CONGRESS ON CORRIDORS AND RIGHTS-OF-WAY ON FEDERAL LANDS.—Not later than 90 days after the date of enactment of this Act, the Secretary of the Interior, the Secretary, the Secretary of Agriculture, and the Chairman of the Council on Environmental Quality shall submit to Congress a joint report identifying—

(1)(A) all existing designated transmission and distribution corridors on Federal land and the status of work related to proposed transmission and distribution corridor designations under title V of the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1761 et seq.);

(B) the schedule for completing the work;

(C) any impediments to completing the work; and

(D) steps that Congress could take to expedite the process;

(2)(A) the number of pending applications to locate transmission facilities on Federal land;

(B) key information relating to each such facility;

(C) how long each application has been pending;

(D) the schedule for issuing a timely decision as to each facility; and

(E) progress in incorporating existing and new such rights-of-way into relevant land use and resource management plans or the equivalent of those plans; and

(3)(A) the number of existing transmission and distribution rights-of-way on Federal land that will come up for renewal within the following 5-, 10-, and 15-year periods; and

(B) a description of how the Secretaries plan to manage the renewals.

SEC. 1222. 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 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), 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, operate, maintain, or own, or participate with other entities in designing, developing, constructing, operating, maintaining, or owning, a new electric power transmission facility and related facilities (“Project”) located within any State in which WAPA or SWPA operates if the Secretary, in consultation with the applicable Administrator, determines that the proposed Project—

(1)(A) is located in an area designated under section 216(a) of the Federal Power Act 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) if any, or approved regional reliability organization; and

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

(3) will be operated in conformance with prudent utility practice;

(4) will be operated by, or in conformance with the rules of, the appropriate (A) Transmission Organization, if any, or (B) if such an organization does not exist, regional reliability organization; and

(5) will not duplicate the functions of existing transmission facilities or proposed facilities which are the subject of ongoing or approved siting and related permitting proceedings.

(c) OTHER FUNDS.—

(1) IN GENERAL.—In carrying out a Project under subsection (a) or (b), the Secretary may accept and use funds contributed by another entity for the purpose of carrying out the Project.

(2) AVAILABILITY.—The contributed funds shall be available for expenditure for the purpose of carrying out the Project—

(A) without fiscal year limitation; and

(B) as if the funds had been appropriated specifically for that Project.

(3) ALLOCATION OF COSTS.—In carrying out a Project under subsection (a) or (b), any costs of the Project not paid for by contributions from another entity shall be collected through rates charged to customers using the new transmission capability provided by the Project and allocated equitably among these project beneficiaries using the new transmission capability.

(d) RELATIONSHIP TO OTHER LAWS.—Nothing in this section affects any requirement of—

(1) any Federal environmental law, including the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.);

(2) any Federal or State law relating to the siting of energy facilities; or

(3) any existing authorizing statutes.

(e) SAVINGS CLAUSE.—Nothing in this section shall constrain or restrict an Administrator in the utilization of other authority delegated to the Administrator of WAPA or SWPA.

(f) SECRETARIAL DETERMINATIONS.—Any determination made pursuant to subsections (a) or (b) shall be based on findings by the Secretary using the best available data.

(g) MAXIMUM FUNDING AMOUNT.—The Secretary shall not accept and use more than \$100,000,000 under subsection (c)(1) for the period encompassing fiscal years 2006 through 2015.

SEC. 1223. ADVANCED TRANSMISSION TECHNOLOGIES.

(a) DEFINITION OF ADVANCED TRANSMISSION TECHNOLOGY.—In this section, the term “advanced transmission technology” means a technology that increases the capacity, efficiency, or reliability of an existing or new transmission facility, including—

(1) high-temperature lines (including superconducting cables);

(2) underground cables;

(3) advanced conductor technology (including advanced composite conductors, high-temperature low-sag conductors, and fiber optic temperature sensing conductors);

(4) high-capacity ceramic electric wire, connectors, and insulators;

(5) optimized transmission line configurations (including multiple phased transmission lines);

(6) modular equipment;

(7) wireless power transmission;

(8) ultra-high voltage lines;

(9) high-voltage DC technology;

(10) flexible AC transmission systems;

- (11) energy storage devices (including pumped hydro, compressed air, superconducting magnetic energy storage, flywheels, and batteries);
- (12) controllable load;
- (13) distributed generation (including PV, fuel cells, and microturbines);
- (14) enhanced power device monitoring;
- (15) direct system state sensors;
- (16) fiber optic technologies;
- (17) power electronics and related software (including real time monitoring and analytical software);
- (18) mobile transformers and mobile substations; and
- (19) any other technologies the Commission considers appropriate.

(b) **AUTHORITY.**—In carrying out the Federal Power Act (16 U.S.C. 791a et seq.) and the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2601 et seq.), the Commission shall encourage, as appropriate, the deployment of advanced transmission technologies.

SEC. 1224. ADVANCED POWER SYSTEM TECHNOLOGY INCENTIVE PROGRAM.

(a) **PROGRAM.**—The Secretary is authorized to establish an Advanced Power System Technology Incentive Program to support the deployment of certain advanced power system technologies and to improve and protect certain critical governmental, industrial, and commercial processes. Funds provided under this section shall be used by the Secretary to make incentive payments to eligible owners or operators of advanced power system technologies to increase power generation through enhanced operational, economic, and environmental performance. Payments under this section may only be made upon receipt by the Secretary of an incentive payment application establishing an applicant as either—

- (1) a qualifying advanced power system technology facility;
- or
- (2) a qualifying security and assured power facility.

(b) **INCENTIVES.**—Subject to availability of funds, a payment of 1.8 cents per kilowatt-hour shall be paid to the owner or operator of a qualifying advanced power system technology facility under this section for electricity generated at such facility. An additional 0.7 cents per kilowatt-hour shall be paid to the owner or operator of a qualifying security and assured power facility for electricity generated at such facility. Any facility qualifying under this section shall be eligible for an incentive payment for up to, but not more than, the first 10,000,000 kilowatt-hours produced in any fiscal year.

(c) **ELIGIBILITY.**—For purposes of this section:

(1) **QUALIFYING ADVANCED POWER SYSTEM TECHNOLOGY FACILITY.**—The term “qualifying advanced power system technology facility” means a facility using an advanced fuel cell, turbine, or hybrid power system or power storage system to generate or store electric energy.

(2) **QUALIFYING SECURITY AND ASSURED POWER FACILITY.**—The term “qualifying security and assured power facility” means a qualifying advanced power system technology facility determined by the Secretary, in consultation with the Secretary of Homeland Security, to be in critical need of secure, reliable,

rapidly available, high-quality power for critical governmental, industrial, or commercial applications.

(d) **AUTHORIZATION.**—There are authorized to be appropriated to the Secretary for the purposes of this section, \$10,000,000 for each of the fiscal years 2006 through 2012.

Subtitle C—Transmission Operation Improvements

SEC. 1231. OPEN NONDISCRIMINATORY ACCESS.

Part II of the Federal Power Act (16 U.S.C. 824 et seq.) is amended by inserting after section 211 (16 U.S.C. 824j) the following:

“SEC. 211A. OPEN ACCESS BY UNREGULATED TRANSMITTING UTILITIES.

“(a) **DEFINITION OF UNREGULATED TRANSMITTING UTILITY.**—In this section, the term ‘unregulated transmitting utility’ means an entity that—

“(1) owns or operates facilities used for the transmission of electric energy in interstate commerce; and

“(2) is an entity described in section 201(f).

“(b) **TRANSMISSION OPERATION SERVICES.**—Subject to section 212(h), the Commission may, by rule or order, require an unregulated transmitting utility to provide transmission services—

“(1) at rates that are comparable to those that the unregulated transmitting utility charges itself; and

“(2) on terms and conditions (not relating to rates) that are comparable to those under which the unregulated transmitting utility provides transmission services to itself and that are not unduly discriminatory or preferential.

“(c) **EXEMPTION.**—The Commission shall exempt from any rule or order under this section any unregulated transmitting utility that—

“(1) sells not more than 4,000,000 megawatt hours of electricity per year;

“(2) does not own or operate any transmission facilities that are necessary for operating an interconnected transmission system (or any portion of the system); or

“(3) meets other criteria the Commission determines to be in the public interest.

“(d) **LOCAL DISTRIBUTION FACILITIES.**—The requirements of subsection (b) shall not apply to facilities used in local distribution.

“(e) **EXEMPTION TERMINATION.**—If the Commission, after an evidentiary hearing held on a complaint and after giving consideration to reliability standards established under section 215, finds on the basis of a preponderance of the evidence that any exemption granted pursuant to subsection (c) unreasonably impairs the continued reliability of an interconnected transmission system, the Commission shall revoke the exemption granted to the transmitting utility.

“(f) **APPLICATION TO UNREGULATED TRANSMITTING UTILITIES.**—The rate changing procedures applicable to public utilities under subsections (c) and (d) of section 205 are applicable to unregulated transmitting utilities for purposes of this section.

“(g) REMAND.—In exercising authority under subsection (b)(1), the Commission may remand transmission rates to an unregulated transmitting utility for review and revision if necessary to meet the requirements of subsection (b).

“(h) OTHER REQUESTS.—The provision of transmission services under subsection (b) does not preclude a request for transmission services under section 211.

“(i) LIMITATION.—The Commission may not require a State or municipality to take action under this section that would violate a private activity bond rule for purposes of section 141 of the Internal Revenue Code of 1986.

“(j) TRANSFER OF CONTROL OF TRANSMITTING FACILITIES.—Nothing in this section authorizes the Commission to require an unregulated transmitting utility to transfer control or operational control of its transmitting facilities to a Transmission Organization that is designated to provide nondiscriminatory transmission access.”.

SEC. 1232. FEDERAL UTILITY PARTICIPATION IN TRANSMISSION ORGANIZATIONS.

(a) DEFINITIONS.—In this section:

(1) APPROPRIATE FEDERAL REGULATORY AUTHORITY.—The term “appropriate Federal regulatory authority” means—

(A) in the case of a Federal power marketing agency, the Secretary, except that the Secretary may designate the Administrator of a Federal power marketing agency to act as the appropriate Federal regulatory authority with respect to the transmission system of the Federal power marketing agency; and

(B) in the case of the Tennessee Valley Authority, the Board of Directors of the Tennessee Valley Authority.

(2) FEDERAL POWER MARKETING AGENCY.—The term “Federal power marketing agency” has the meaning given the term in section 3 of the Federal Power Act (16 U.S.C. 796).

(3) FEDERAL UTILITY.—The term “Federal utility” means—

(A) a Federal power marketing agency; or

(B) the Tennessee Valley Authority.

(4) TRANSMISSION ORGANIZATION.—The term “Transmission Organization” has the meaning given the term in section 3 of the Federal Power Act (16 U.S.C. 796).

(5) TRANSMISSION SYSTEM.—The term “transmission system” means an electric transmission facility owned, leased, or contracted for by the United States and operated by a Federal utility.

(b) TRANSFER.—The appropriate Federal regulatory authority may enter into a contract, agreement, or other arrangement transferring control and use of all or part of the transmission system of a Federal utility to a Transmission Organization.

(c) CONTENTS.—The contract, agreement, or arrangement shall include—

(1) performance standards for operation and use of the transmission system that the head of the Federal utility determines are necessary or appropriate, including standards that ensure—

(A) recovery of all of the costs and expenses of the Federal utility related to the transmission facilities that

are the subject of the contract, agreement, or other arrangement;

(B) consistency with existing contracts and third-party financing arrangements; and

(C) consistency with the statutory authorities, obligations, and limitations of the Federal utility;

(2) provisions for monitoring and oversight by the Federal utility of the Transmission Organization's terms and conditions of the contract, agreement, or other arrangement, including a provision for the resolution of disputes through arbitration or other means with the Transmission Organization or with other participants, notwithstanding the obligations and limitations of any other law regarding arbitration; and

(3) a provision that allows the Federal utility to withdraw from the Transmission Organization and terminate the contract, agreement, or other arrangement in accordance with its terms.

(d) COMMISSION.—Neither this section, actions taken pursuant to this section, nor any other transaction of a Federal utility participating in a Transmission Organization shall confer on the Commission jurisdiction or authority over—

(1) the electric generation assets, electric capacity, or energy of the Federal utility that the Federal utility is authorized by law to market; or

(2) the power sales activities of the Federal utility.

(e) EXISTING STATUTORY AND OTHER OBLIGATIONS.—

(1) SYSTEM OPERATION REQUIREMENTS.—No statutory provision requiring or authorizing a Federal utility to transmit electric power or to construct, operate, or maintain the transmission system of the Federal utility prohibits a transfer of control and use of the transmission system pursuant to, and subject to, the requirements of this section.

(2) OTHER OBLIGATIONS.—This subsection does not—

(A) suspend, or exempt any Federal utility from, any provision of Federal law in effect on the date of enactment of this Act, including any requirement or direction relating to the use of the transmission system of the Federal utility, environmental protection, fish and wildlife protection, flood control, navigation, water delivery, or recreation; or

(B) authorize abrogation of any contract or treaty obligation.

(3) CONFORMING AMENDMENT.—Section 311 of the Energy and Water Development Appropriations Act, 2001 (16 U.S.C. 824n) is repealed.

SEC. 1233. NATIVE LOAD SERVICE OBLIGATION.

(a) IN GENERAL.—Part II of the Federal Power Act (16 U.S.C. 824 et seq.) is amended by adding at the end the following:

“SEC. 217. NATIVE LOAD SERVICE OBLIGATION.

“(a) DEFINITIONS.—In this section:

“(1) The term ‘distribution utility’ means an electric utility that has a service obligation to end-users or to a State utility or electric cooperative that, directly or indirectly, through one or more additional State utilities or electric cooperatives, provides electric service to end-users.

“(2) The term ‘load-serving entity’ means a distribution utility or an electric utility that has a service obligation.

“(3) The term ‘service obligation’ means a requirement applicable to, or the exercise of authority granted to, an electric utility under Federal, State, or local law or under long-term contracts to provide electric service to end-users or to a distribution utility.

“(4) The term ‘State utility’ means a State or any political subdivision of a State, or any agency, authority, or instrumentality of any one or more of the foregoing, or a corporation that is wholly owned, directly or indirectly, by any one or more of the foregoing, competent to carry on the business of developing, transmitting, utilizing, or distributing power.

“(b) MEETING SERVICE OBLIGATIONS.—(1) Paragraph (2) applies to any load-serving entity that, as of the date of enactment of this section—

“(A) owns generation facilities, markets the output of Federal generation facilities, or holds rights under one or more wholesale contracts to purchase electric energy, for the purpose of meeting a service obligation; and

“(B) by reason of ownership of transmission facilities, or one or more contracts or service agreements for firm transmission service, holds firm transmission rights for delivery of the output of the generation facilities or the purchased energy to meet the service obligation.

“(2) Any load-serving entity described in paragraph (1) is entitled to use the firm transmission rights, or, equivalent tradable or financial transmission rights, in order to deliver the output or purchased energy, or the output of other generating facilities or purchased energy to the extent deliverable using the rights, to the extent required to meet the service obligation of the load-serving entity.

“(3)(A) To the extent that all or a portion of the service obligation covered by the firm transmission rights or equivalent tradable or financial transmission rights is transferred to another load-serving entity, the successor load-serving entity shall be entitled to use the firm transmission rights or equivalent tradable or financial transmission rights associated with the transferred service obligation.

“(B) Subsequent transfers to another load-serving entity, or back to the original load-serving entity, shall be entitled to the same rights.

“(4) The Commission shall exercise the authority of the Commission under this Act in a manner that facilitates the planning and expansion of transmission facilities to meet the reasonable needs of load-serving entities to satisfy the service obligations of the load-serving entities, and enables load-serving entities to secure firm transmission rights (or equivalent tradable or financial rights) on a long-term basis for long-term power supply arrangements made, or planned, to meet such needs.

“(c) ALLOCATION OF TRANSMISSION RIGHTS.—Nothing in subsections (b)(1), (b)(2), and (b)(3) of this section shall affect any existing or future methodology employed by a Transmission Organization for allocating or auctioning transmission rights if such Transmission Organization was authorized by the Commission to allocate or auction financial transmission rights on its system as of January 1, 2005, and the Commission determines that any future allocation or auction is just, reasonable and not unduly discriminatory or preferential, provided, however, that if such a Transmission

Organization never allocated financial transmission rights on its system that pertained to a period before January 1, 2005, with respect to any application by such Transmission Organization that would change its methodology the Commission shall exercise its authority in a manner consistent with the Act and that takes into account the policies expressed in subsections (b)(1), (b)(2), and (b)(3) as applied to firm transmission rights held by a load-serving entity as of January 1, 2005, to the extent the associated generation ownership or power purchase arrangements remain in effect.

“(d) CERTAIN TRANSMISSION RIGHTS.—The Commission may exercise authority under this Act to make transmission rights not used to meet an obligation covered by subsection (b) available to other entities in a manner determined by the Commission to be just, reasonable, and not unduly discriminatory or preferential.

“(e) OBLIGATION TO BUILD.—Nothing in this Act relieves a load-serving entity from any obligation under State or local law to build transmission or distribution facilities adequate to meet the service obligations of the load-serving entity.

“(f) CONTRACTS.—Nothing in this section shall provide a basis for abrogating any contract or service agreement for firm transmission service or rights in effect as of the date of the enactment of this subsection. If an ISO in the Western Interconnection had allocated financial transmission rights prior to the date of enactment of this section but had not done so with respect to one or more load-serving entities’ firm transmission rights held under contracts to which the preceding sentence applies (or held by reason of ownership or future ownership of transmission facilities), such load-serving entities may not be required, without their consent, to convert such firm transmission rights to tradable or financial rights, except where the load-serving entity has voluntarily joined the ISO as a participating transmission owner (or its successor) in accordance with the ISO tariff.

“(g) WATER PUMPING FACILITIES.—The Commission shall ensure that any entity described in section 201(f) that owns transmission facilities used predominately to support its own water pumping facilities shall have, with respect to the facilities, protections for transmission service comparable to those provided to load-serving entities pursuant to this section.

“(h) ERCOT.—This section shall not apply within the area referred to in section 212(k)(2)(A).

“(i) JURISDICTION.—This section does not authorize the Commission to take any action not otherwise within the jurisdiction of the Commission.

“(j) TVA AREA.—(1) Subject to paragraphs (2) and (3), for purposes of subsection (b)(1)(B), a load-serving entity that is located within the service area of the Tennessee Valley Authority and that has a firm wholesale power supply contract with the Tennessee Valley Authority shall be considered to hold firm transmission rights for the transmission of the power provided.

“(2) Nothing in this subsection affects the requirements of section 212(j).

“(3) The Commission shall not issue an order on the basis of this subsection that is contrary to the purposes of section 212(j).

“(k) EFFECT OF EXERCISING RIGHTS.—An entity that to the extent required to meet its service obligations exercises rights

described in subsection (b) shall not be considered by such action as engaging in undue discrimination or preference under this Act.”.

(b) **FERC RULEMAKING ON LONG-TERM TRANSMISSION RIGHTS IN ORGANIZED MARKETS.**—Within 1 year after the date of enactment of this section and after notice and an opportunity for comment, the Commission shall by rule or order, implement section 217(b)(4) of the Federal Power Act in Transmission Organizations, as defined by that Act with organized electricity markets.

SEC. 1234. STUDY ON THE BENEFITS OF ECONOMIC DISPATCH.

(a) **STUDY.**—The Secretary, in coordination and consultation with the States, shall conduct a study on—

(1) the procedures currently used by electric utilities to perform economic dispatch;

(2) identifying possible revisions to those procedures to improve the ability of nonutility generation resources to offer their output for sale for the purpose of inclusion in economic dispatch; and

(3) the potential benefits to residential, commercial, and industrial electricity consumers nationally and in each State if economic dispatch procedures were revised to improve the ability of nonutility generation resources to offer their output for inclusion in economic dispatch.

(b) **DEFINITION.**—The term “economic dispatch” when used in this section means the operation of generation facilities to produce energy at the lowest cost to reliably serve consumers, recognizing any operational limits of generation and transmission facilities.

(c) **REPORT TO CONGRESS AND THE STATES.**—Not later than 90 days after the date of enactment of this Act, and on a yearly basis following, the Secretary shall submit a report to Congress and the States on the results of the study conducted under subsection (a), including recommendations to Congress and the States for any suggested legislative or regulatory changes.

SEC. 1235. PROTECTION OF TRANSMISSION CONTRACTS IN THE PACIFIC NORTHWEST.

Part II of the Federal Power Act (16 U.S.C. 824 et seq.) is amended by adding at the end the following:

“SEC. 218. PROTECTION OF TRANSMISSION CONTRACTS IN THE PACIFIC NORTHWEST.

“(a) **DEFINITION OF ELECTRIC UTILITY OR PERSON.**—In this section, the term ‘electric utility or person’ means an electric utility or person that—

“(1) as of the date of enactment of the Energy Policy Act of 2005 holds firm transmission rights pursuant to contract or by reason of ownership of transmission facilities; and

“(2) is located—

“(A) in the Pacific Northwest, as that region is defined in section 3 of the Pacific Northwest Electric Power Planning and Conservation Act (16 U.S.C. 839a); or

“(B) in that portion of a State included in the geographic area proposed for a regional transmission organization in Commission Docket Number RT01–35 on the date on which that docket was opened.

“(b) **PROTECTION OF TRANSMISSION CONTRACTS.**—Nothing in this Act confers on the Commission the authority to require an electric utility or person to convert to tradable or financial rights—

- “(1) firm transmission rights described in subsection (a);
or
“(2) firm transmission rights obtained by exercising contract or tariff rights associated with the firm transmission rights described in subsection (a).”.

SEC. 1236. SENSE OF CONGRESS REGARDING LOCATIONAL INSTALLED CAPACITY MECHANISM.

- (a) FINDINGS.—Congress finds that—
- (1) in regard to a proposal to develop and implement a specific type of locational installed capacity mechanism in New England pending before the Federal Energy Regulatory Commission; and
 - (2) the Governors of the States have objected to the proposed mechanism, arguing that the mechanism—
 - (A) would not provide adequate assurance that necessary electric generation capacity or reliability will be provided; and
 - (B) would impose a high cost on consumers and have a significant negative economic impact.
- (b) SENSE OF CONGRESS.—Congress—
- (1) notes the concerns of the New England States to the proposed mechanism; and
 - (2) declares that it is the sense of Congress that the Federal Energy Regulatory Commission should carefully consider the States’ objections.

Subtitle D—Transmission Rate Reform

SEC. 1241. TRANSMISSION INFRASTRUCTURE INVESTMENT.

Part II of the Federal Power Act (16 U.S.C. 824 et seq.) is amended by adding at the end the following:

“SEC. 219. TRANSMISSION INFRASTRUCTURE INVESTMENT.

“(a) RULEMAKING REQUIREMENT.—Not later than 1 year after the date of enactment of this section, the Commission shall establish, by rule, incentive-based (including performance-based) rate treatments for the transmission of electric energy in interstate commerce by public utilities for the purpose of benefitting consumers by ensuring reliability and reducing the cost of delivered power by reducing transmission congestion.

“(b) CONTENTS.—The rule shall—

“(1) promote reliable and economically efficient transmission and generation of electricity by promoting capital investment in the enlargement, improvement, maintenance, and operation of all facilities for the transmission of electric energy in interstate commerce, regardless of the ownership of the facilities;

“(2) provide a return on equity that attracts new investment in transmission facilities (including related transmission technologies);

“(3) encourage deployment of transmission technologies and other measures to increase the capacity and efficiency of existing transmission facilities and improve the operation of the facilities; and

“(4) allow recovery of—

“(A) all prudently incurred costs necessary to comply with mandatory reliability standards issued pursuant to section 215; and

“(B) all prudently incurred costs related to transmission infrastructure development pursuant to section 216.

“(c) INCENTIVES.—In the rule issued under this section, the Commission shall, to the extent within its jurisdiction, provide for incentives to each transmitting utility or electric utility that joins a Transmission Organization. The Commission shall ensure that any costs recoverable pursuant to this subsection may be recovered by such utility through the transmission rates charged by such utility or through the transmission rates charged by the Transmission Organization that provides transmission service to such utility.

“(d) JUST AND REASONABLE RATES.—All rates approved under the rules adopted pursuant to this section, including any revisions to the rules, are subject to the requirements of sections 205 and 206 that all rates, charges, terms, and conditions be just and reasonable and not unduly discriminatory or preferential.”.

SEC. 1242. FUNDING NEW INTERCONNECTION AND TRANSMISSION UPGRADES.

The Commission may approve a participant funding plan that allocates costs related to transmission upgrades or new generator interconnection, without regard to whether an applicant is a member of a Commission-approved Transmission Organization, if the plan results in rates that—

- (1) are just and reasonable;
- (2) are not unduly discriminatory or preferential; and
- (3) are otherwise consistent with sections 205 and 206 of the Federal Power Act (16 U.S.C. 824d, 824e).

Subtitle E—Amendments to PURPA

SEC. 1251. NET METERING AND ADDITIONAL STANDARDS.

(a) ADOPTION OF STANDARDS.—Section 111(d) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2621(d)) is amended by adding at the end the following:

“(11) NET METERING.—Each electric utility shall make available upon request net metering service to any electric consumer that the electric utility serves. For purposes of this paragraph, the term ‘net metering service’ means service to an electric consumer under which electric energy generated by that electric consumer from an eligible on-site generating facility and delivered to the local distribution facilities may be used to offset electric energy provided by the electric utility to the electric consumer during the applicable billing period.

“(12) FUEL SOURCES.—Each electric utility shall develop a plan to minimize dependence on 1 fuel source and to ensure that the electric energy it sells to consumers is generated using a diverse range of fuels and technologies, including renewable technologies.

“(13) FOSSIL FUEL GENERATION EFFICIENCY.—Each electric utility shall develop and implement a 10-year plan to increase the efficiency of its fossil fuel generation.”.

(b) COMPLIANCE.—

(1) TIME LIMITATIONS.—Section 112(b) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2622(b)) is amended by adding at the end the following:

“(3)(A) Not later than 2 years after the enactment of this paragraph, each State regulatory authority (with respect to each electric utility for which it has ratemaking authority) and each nonregulated electric utility shall commence the consideration referred to in section 111, or set a hearing date for such consideration, with respect to each standard established by paragraphs (11) through (13) of section 111(d).

“(B) Not later than 3 years after the date of the enactment of this paragraph, each State regulatory authority (with respect to each electric utility for which it has ratemaking authority), and each nonregulated electric utility, shall complete the consideration, and shall make the determination, referred to in section 111 with respect to each standard established by paragraphs (11) through (13) of section 111(d).”.

(2) FAILURE TO COMPLY.—Section 112(c) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2622(c)) is amended by adding at the end the following: “In the case of each standard established by paragraphs (11) through (13) of section 111(d), the reference contained in this subsection to the date of enactment of this Act shall be deemed to be a reference to the date of enactment of such paragraphs (11) through (13).”.

(3) PRIOR STATE ACTIONS.—

(A) IN GENERAL.—Section 112 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2622) is amended by adding at the end the following:

“(d) PRIOR STATE ACTIONS.—Subsections (b) and (c) of this section shall not apply to the standards established by paragraphs (11) through (13) of section 111(d) in the case of any electric utility in a State if, before the enactment of this subsection—

“(1) the State has implemented for such utility the standard concerned (or a comparable standard);

“(2) the State regulatory authority for such State or relevant nonregulated electric utility has conducted a proceeding to consider implementation of the standard concerned (or a comparable standard) for such utility; or

“(3) the State legislature has voted on the implementation of such standard (or a comparable standard) for such utility.”.

(B) CROSS REFERENCE.—Section 124 of such Act (16 U.S.C. 2634) is amended by adding the following at the end thereof: “In the case of each standard established by paragraphs (11) through (13) of section 111(d), the reference contained in this subsection to the date of enactment of this Act shall be deemed to be a reference to the date of enactment of such paragraphs (11) through (13).”.

SEC. 1252. SMART METERING.

(a) IN GENERAL.—Section 111(d) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2621(d)) is amended by adding at the end the following:

“(14) TIME-BASED METERING AND COMMUNICATIONS.—(A) Not later than 18 months after the date of enactment of this paragraph, each electric utility shall offer each of its customer

classes, and provide individual customers upon customer request, a time-based rate schedule under which the rate charged by the electric utility varies during different time periods and reflects the variance, if any, in the utility's costs of generating and purchasing electricity at the wholesale level. The time-based rate schedule shall enable the electric consumer to manage energy use and cost through advanced metering and communications technology.

“(B) The types of time-based rate schedules that may be offered under the schedule referred to in subparagraph (A) include, among others—

“(i) time-of-use pricing whereby electricity prices are set for a specific time period on an advance or forward basis, typically not changing more often than twice a year, based on the utility's cost of generating and/or purchasing such electricity at the wholesale level for the benefit of the consumer. Prices paid for energy consumed during these periods shall be pre-established and known to consumers in advance of such consumption, allowing them to vary their demand and usage in response to such prices and manage their energy costs by shifting usage to a lower cost period or reducing their consumption overall;

“(ii) critical peak pricing whereby time-of-use prices are in effect except for certain peak days, when prices may reflect the costs of generating and/or purchasing electricity at the wholesale level and when consumers may receive additional discounts for reducing peak period energy consumption;

“(iii) real-time pricing whereby electricity prices are set for a specific time period on an advanced or forward basis, reflecting the utility's cost of generating and/or purchasing electricity at the wholesale level, and may change as often as hourly; and

“(iv) credits for consumers with large loads who enter into pre-established peak load reduction agreements that reduce a utility's planned capacity obligations.

“(C) Each electric utility subject to subparagraph (A) shall provide each customer requesting a time-based rate with a time-based meter capable of enabling the utility and customer to offer and receive such rate, respectively.

“(D) For purposes of implementing this paragraph, any reference contained in this section to the date of enactment of the Public Utility Regulatory Policies Act of 1978 shall be deemed to be a reference to the date of enactment of this paragraph.

“(E) In a State that permits third-party marketers to sell electric energy to retail electric consumers, such consumers shall be entitled to receive the same time-based metering and communications device and service as a retail electric consumer of the electric utility.

“(F) Notwithstanding subsections (b) and (c) of section 112, each State regulatory authority shall, not later than 18 months after the date of enactment of this paragraph conduct an investigation in accordance with section 115(i) and issue a decision whether it is appropriate to implement the standards set out in subparagraphs (A) and (C).”.

(b) STATE INVESTIGATION OF DEMAND RESPONSE AND TIME-BASED METERING.—Section 115 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2625) is amended as follows:

(1) By inserting in subsection (b) after the phrase “the standard for time-of-day rates established by section 111(d)(3)” the following: “and the standard for time-based metering and communications established by section 111(d)(14)”.

(2) By inserting in subsection (b) after the phrase “are likely to exceed the metering” the following: “and communications”.

(3) By adding at the end the following:

“(i) TIME-BASED METERING AND COMMUNICATIONS.—In making a determination with respect to the standard established by section 111(d)(14), the investigation requirement of section 111(d)(14)(F) shall be as follows: Each State regulatory authority shall conduct an investigation and issue a decision whether or not it is appropriate for electric utilities to provide and install time-based meters and communications devices for each of their customers which enable such customers to participate in time-based pricing rate schedules and other demand response programs.”.

(c) FEDERAL ASSISTANCE ON DEMAND RESPONSE.—Section 132(a) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2642(a)) is amended by striking “and” at the end of paragraph (3), striking the period at the end of paragraph (4) and inserting “; and”, and by adding the following at the end thereof:

“(5) technologies, techniques, and rate-making methods related to advanced metering and communications and the use of these technologies, techniques and methods in demand response programs.”.

(d) FEDERAL GUIDANCE.—Section 132 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2642) is amended by adding the following at the end thereof:

“(d) DEMAND RESPONSE.—The Secretary shall be responsible for—

“(1) educating consumers on the availability, advantages, and benefits of advanced metering and communications technologies, including the funding of demonstration or pilot projects;

“(2) working with States, utilities, other energy providers and advanced metering and communications experts to identify and address barriers to the adoption of demand response programs; and

“(3) not later than 180 days after the date of enactment of the Energy Policy Act of 2005, providing Congress with a report that identifies and quantifies the national benefits of demand response and makes a recommendation on achieving specific levels of such benefits by January 1, 2007.”.

(e) DEMAND RESPONSE AND REGIONAL COORDINATION.—

(1) IN GENERAL.—It is the policy of the United States to encourage States to coordinate, on a regional basis, State energy policies to provide reliable and affordable demand response services to the public.

(2) TECHNICAL ASSISTANCE.—The Secretary shall provide technical assistance to States and regional organizations formed by two or more States to assist them in—

(A) identifying the areas with the greatest demand response potential;

(B) identifying and resolving problems in transmission and distribution networks, including through the use of demand response;

(C) developing plans and programs to use demand response to respond to peak demand or emergency needs; and

(D) identifying specific measures consumers can take to participate in these demand response programs.

(3) REPORT.—Not later than 1 year after the date of enactment of the Energy Policy Act of 2005, the Commission shall prepare and publish an annual report, by appropriate region, that assesses demand response resources, including those available from all consumer classes, and which identifies and reviews—

(A) saturation and penetration rate of advanced meters and communications technologies, devices and systems;

(B) existing demand response programs and time-based rate programs;

(C) the annual resource contribution of demand resources;

(D) the potential for demand response as a quantifiable, reliable resource for regional planning purposes;

(E) steps taken to ensure that, in regional transmission planning and operations, demand resources are provided equitable treatment as a quantifiable, reliable resource relative to the resource obligations of any load-serving entity, transmission provider, or transmitting party; and

(F) regulatory barriers to improve customer participation in demand response, peak reduction and critical period pricing programs.

(f) FEDERAL ENCOURAGEMENT OF DEMAND RESPONSE

DEVICES.—It is the policy of the United States that time-based pricing and other forms of demand response, whereby electricity customers are provided with electricity price signals and the ability to benefit by responding to them, shall be encouraged, the deployment of such technology and devices that enable electricity customers to participate in such pricing and demand response systems shall be facilitated, and unnecessary barriers to demand response participation in energy, capacity and ancillary service markets shall be eliminated. It is further the policy of the United States that the benefits of such demand response that accrue to those not deploying such technology and devices, but who are part of the same regional electricity entity, shall be recognized.

(g) TIME LIMITATIONS.—Section 112(b) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2622(b)) is amended by adding at the end the following:

“(4)(A) Not later than 1 year after the enactment of this paragraph, each State regulatory authority (with respect to each electric utility for which it has ratemaking authority) and each nonregulated electric utility shall commence the consideration referred to in section 111, or set a hearing date for such consideration, with respect to the standard established by paragraph (14) of section 111(d).

“(B) Not later than 2 years after the date of the enactment of this paragraph, each State regulatory authority (with respect to each electric utility for which it has ratemaking authority),

and each nonregulated electric utility, shall complete the consideration, and shall make the determination, referred to in section 111 with respect to the standard established by paragraph (14) of section 111(d).”

(h) FAILURE TO COMPLY.—Section 112(c) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2622(c)) is amended by adding at the end the following:

“In the case of the standard established by paragraph (14) of section 111(d), the reference contained in this subsection to the date of enactment of this Act shall be deemed to be a reference to the date of enactment of such paragraph (14).”

(i) PRIOR STATE ACTIONS REGARDING SMART METERING STANDARDS.—

(1) IN GENERAL.—Section 112 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2622) is amended by adding at the end the following:

“(e) PRIOR STATE ACTIONS.—Subsections (b) and (c) of this section shall not apply to the standard established by paragraph (14) of section 111(d) in the case of any electric utility in a State if, before the enactment of this subsection—

“(1) the State has implemented for such utility the standard concerned (or a comparable standard);

“(2) the State regulatory authority for such State or relevant nonregulated electric utility has conducted a proceeding to consider implementation of the standard concerned (or a comparable standard) for such utility within the previous 3 years; or

“(3) the State legislature has voted on the implementation of such standard (or a comparable standard) for such utility within the previous 3 years.”

(2) CROSS REFERENCE.—Section 124 of such Act (16 U.S.C. 2634) is amended by adding the following at the end thereof: “In the case of the standard established by paragraph (14) of section 111(d), the reference contained in this subsection to the date of enactment of this Act shall be deemed to be a reference to the date of enactment of such paragraph (14).”

SEC. 1253. COGENERATION AND SMALL POWER PRODUCTION PURCHASE AND SALE REQUIREMENTS.

(a) TERMINATION OF MANDATORY PURCHASE AND SALE REQUIREMENTS.—Section 210 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 824a-3) is amended by adding at the end the following:

“(m) TERMINATION OF MANDATORY PURCHASE AND SALE REQUIREMENTS.—

“(1) OBLIGATION TO PURCHASE.—After the date of enactment of this subsection, no electric utility shall be required to enter into a new contract or obligation to purchase electric energy from a qualifying cogeneration facility or a qualifying small power production facility under this section if the Commission finds that the qualifying cogeneration facility or qualifying small power production facility has nondiscriminatory access to—

“(A)(i) independently administered, auction-based day ahead and real time wholesale markets for the sale of electric energy; and (ii) wholesale markets for long-term sales of capacity and electric energy; or

“(B)(i) transmission and interconnection services that are provided by a Commission-approved regional transmission entity and administered pursuant to an open access transmission tariff that affords nondiscriminatory treatment to all customers; and (ii) competitive wholesale markets that provide a meaningful opportunity to sell capacity, including long-term and short-term sales, and electric energy, including long-term, short-term and real-time sales, to buyers other than the utility to which the qualifying facility is interconnected. In determining whether a meaningful opportunity to sell exists, the Commission shall consider, among other factors, evidence of transactions within the relevant market; or

“(C) wholesale markets for the sale of capacity and electric energy that are, at a minimum, of comparable competitive quality as markets described in subparagraphs (A) and (B).

“(2) REVISED PURCHASE AND SALE OBLIGATION FOR NEW FACILITIES.—(A) After the date of enactment of this subsection, no electric utility shall be required pursuant to this section to enter into a new contract or obligation to purchase from or sell electric energy to a facility that is not an existing qualifying cogeneration facility unless the facility meets the criteria for qualifying cogeneration facilities established by the Commission pursuant to the rulemaking required by subsection (n).

“(B) For the purposes of this paragraph, the term ‘existing qualifying cogeneration facility’ means a facility that—

“(i) was a qualifying cogeneration facility on the date of enactment of subsection (m); or

“(ii) had filed with the Commission a notice of self-certification, self recertification or an application for Commission certification under 18 CFR 292.207 prior to the date on which the Commission issues the final rule required by subsection (n).

“(3) COMMISSION REVIEW.—Any electric utility may file an application with the Commission for relief from the mandatory purchase obligation pursuant to this subsection on a service territory-wide basis. Such application shall set forth the factual basis upon which relief is requested and describe why the conditions set forth in subparagraph (A), (B), or (C) of paragraph (1) of this subsection have been met. After notice, including sufficient notice to potentially affected qualifying cogeneration facilities and qualifying small power production facilities, and an opportunity for comment, the Commission shall make a final determination within 90 days of such application regarding whether the conditions set forth in subparagraph (A), (B), or (C) of paragraph (1) have been met.

“(4) REINSTATEMENT OF OBLIGATION TO PURCHASE.—At any time after the Commission makes a finding under paragraph (3) relieving an electric utility of its obligation to purchase electric energy, a qualifying cogeneration facility, a qualifying small power production facility, a State agency, or any other affected person may apply to the Commission for an order reinstating the electric utility’s obligation to purchase electric energy under this section. Such application shall set forth the factual basis upon which the application is based and describe

why the conditions set forth in subparagraph (A), (B), or (C) of paragraph (1) of this subsection are no longer met. After notice, including sufficient notice to potentially affected utilities, and opportunity for comment, the Commission shall issue an order within 90 days of such application reinstating the electric utility's obligation to purchase electric energy under this section if the Commission finds that the conditions set forth in subparagraphs (A), (B) or (C) of paragraph (1) which relieved the obligation to purchase, are no longer met.

“(5) OBLIGATION TO SELL.—After the date of enactment of this subsection, no electric utility shall be required to enter into a new contract or obligation to sell electric energy to a qualifying cogeneration facility or a qualifying small power production facility under this section if the Commission finds that—

“(A) competing retail electric suppliers are willing and able to sell and deliver electric energy to the qualifying cogeneration facility or qualifying small power production facility; and

“(B) the electric utility is not required by State law to sell electric energy in its service territory.

“(6) NO EFFECT ON EXISTING RIGHTS AND REMEDIES.—Nothing in this subsection affects the rights or remedies of any party under any contract or obligation, in effect or pending approval before the appropriate State regulatory authority or non-regulated electric utility on the date of enactment of this subsection, to purchase electric energy or capacity from or to sell electric energy or capacity to a qualifying cogeneration facility or qualifying small power production facility under this Act (including the right to recover costs of purchasing electric energy or capacity).

“(7) RECOVERY OF COSTS.—(A) The Commission shall issue and enforce such regulations as are necessary to ensure that an electric utility that purchases electric energy or capacity from a qualifying cogeneration facility or qualifying small power production facility in accordance with any legally enforceable obligation entered into or imposed under this section recovers all prudently incurred costs associated with the purchase.

“(B) A regulation under subparagraph (A) shall be enforceable in accordance with the provisions of law applicable to enforcement of regulations under the Federal Power Act (16 U.S.C. 791a et seq.).

“(n) RULEMAKING FOR NEW QUALIFYING FACILITIES.—(1)(A) Not later than 180 days after the date of enactment of this section, the Commission shall issue a rule revising the criteria in 18 CFR 292.205 for new qualifying cogeneration facilities seeking to sell electric energy pursuant to section 210 of this Act to ensure—

“(i) that the thermal energy output of a new qualifying cogeneration facility is used in a productive and beneficial manner;

“(ii) the electrical, thermal, and chemical output of the cogeneration facility is used fundamentally for industrial, commercial, or institutional purposes and is not intended fundamentally for sale to an electric utility, taking into account technological, efficiency, economic, and variable thermal energy requirements, as well as State laws applicable to sales of electric energy from a qualifying facility to its host facility; and

“(iii) continuing progress in the development of efficient electric energy generating technology.

“(B) The rule issued pursuant to paragraph (1)(A) of this subsection shall be applicable only to facilities that seek to sell electric energy pursuant to section 210 of this Act. For all other purposes, except as specifically provided in subsection (m)(2)(A), qualifying facility status shall be determined in accordance with the rules and regulations of this Act.

“(2) Notwithstanding rule revisions under paragraph (1), the Commission’s criteria for qualifying cogeneration facilities in effect prior to the date on which the Commission issues the final rule required by paragraph (1) shall continue to apply to any cogeneration facility that—

“(A) was a qualifying cogeneration facility on the date of enactment of subsection (m), or

“(B) had filed with the Commission a notice of self-certification, self-recertification or an application for Commission certification under 18 CFR 292.207 prior to the date on which the Commission issues the final rule required by paragraph (1).”

(b) ELIMINATION OF OWNERSHIP LIMITATIONS.—

(1) QUALIFYING SMALL POWER PRODUCTION FACILITY.—Section 3(17)(C) of the Federal Power Act (16 U.S.C. 796(17)(C)) is amended to read as follows:

“(C) ‘qualifying small power production facility’ means a small power production facility that the Commission determines, by rule, meets such requirements (including requirements respecting fuel use, fuel efficiency, and reliability) as the Commission may, by rule, prescribe;”

(2) QUALIFYING COGENERATION FACILITY.—Section 3(18)(B) of the Federal Power Act (16 U.S.C. 796(18)(B)) is amended to read as follows:

“(B) ‘qualifying cogeneration facility’ means a cogeneration facility that the Commission determines, by rule, meets such requirements (including requirements respecting minimum size, fuel use, and fuel efficiency) as the Commission may, by rule, prescribe;”

SEC. 1254. INTERCONNECTION.

(a) ADOPTION OF STANDARDS.—Section 111(d) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2621(d)) is amended by adding at the end the following:

“(15) INTERCONNECTION.—Each electric utility shall make available, upon request, interconnection service to any electric consumer that the electric utility serves. For purposes of this paragraph, the term ‘interconnection service’ means service to an electric consumer under which an on-site generating facility on the consumer’s premises shall be connected to the local distribution facilities. Interconnection services shall be offered based upon the standards developed by the Institute of Electrical and Electronics Engineers: IEEE Standard 1547 for Interconnecting Distributed Resources with Electric Power Systems, as they may be amended from time to time. In addition, agreements and procedures shall be established whereby the services are offered shall promote current best practices of interconnection for distributed generation, including but not limited to practices stipulated in model codes adopted by

associations of state regulatory agencies. All such agreements and procedures shall be just and reasonable, and not unduly discriminatory or preferential.”.

(b) COMPLIANCE.—

(1) TIME LIMITATIONS.—Section 112(b) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2622(b)) is amended by adding at the end the following:

“(5)(A) Not later than 1 year after the enactment of this paragraph, each State regulatory authority (with respect to each electric utility for which it has ratemaking authority) and each nonregulated utility shall commence the consideration referred to in section 111, or set a hearing date for consideration, with respect to the standard established by paragraph (15) of section 111(d).

“(B) Not later than two years after the date of the enactment of the this paragraph, each State regulatory authority (with respect to each electric utility for which it has ratemaking authority), and each nonregulated electric utility, shall complete the consideration, and shall make the determination, referred to in section 111 with respect to each standard established by paragraph (15) of section 111(d).”.

(2) FAILURE TO COMPLY.—Section 112(d) of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2622(c)) is amended by adding at the end the following: “In the case of the standard established by paragraph (15), the reference contained in this subsection to the date of enactment of this Act shall be deemed to be a reference to the date of enactment of paragraph (15).”.

(3) PRIOR STATE ACTIONS.—

(A) IN GENERAL.—Section 112 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2622) is amended by adding at the end the following:

“(f) PRIOR STATE ACTIONS.—Subsections (b) and (c) of this section shall not apply to the standard established by paragraph (15) of section 111(d) in the case of any electric utility in a State if, before the enactment of this subsection—

“(1) the State has implemented for such utility the standard concerned (or a comparable standard);

“(2) the State regulatory authority for such State or relevant nonregulated electric utility has conducted a proceeding to consider implementation of the standard concerned (or a comparable standard) for such utility; or

“(3) the State legislature has voted on the implementation of such standard (or a comparable standard) for such utility.”.

(B) CROSS REFERENCE.—Section 124 of such Act (16 U.S.C. 2634) is amended by adding the following at the end thereof: “In the case of each standard established by paragraph (15) of section 111(d), the reference contained in this subsection to the date of enactment of the Act shall be deemed to be a reference to the date of enactment of paragraph (15).”.

Subtitle F—Repeal of PUHCA

SEC. 1261. SHORT TITLE.

This subtitle may be cited as the “Public Utility Holding Company Act of 2005”.

SEC. 1262. DEFINITIONS.

For purposes of this subtitle:

(1) **AFFILIATE.**—The term “affiliate” of a company means any company, 5 percent or more of the outstanding voting securities of which are owned, controlled, or held with power to vote, directly or indirectly, by such company.

(2) **ASSOCIATE COMPANY.**—The term “associate company” of a company means any company in the same holding company system with such company.

(3) **COMMISSION.**—The term “Commission” means the Federal Energy Regulatory Commission.

(4) **COMPANY.**—The term “company” means a corporation, partnership, association, joint stock company, business trust, or any organized group of persons, whether incorporated or not, or a receiver, trustee, or other liquidating agent of any of the foregoing.

(5) **ELECTRIC UTILITY COMPANY.**—The term “electric utility company” means any company that owns or operates facilities used for the generation, transmission, or distribution of electric energy for sale.

(6) **EXEMPT WHOLESALE GENERATOR AND FOREIGN UTILITY COMPANY.**—The terms “exempt wholesale generator” and “foreign utility company” have the same meanings as in sections 32 and 33, respectively, of the Public Utility Holding Company Act of 1935 (15 U.S.C. 79z–5a, 79z–5b), as those sections existed on the day before the effective date of this subtitle.

(7) **GAS UTILITY COMPANY.**—The term “gas utility company” means any company that owns or operates facilities used for distribution at retail (other than the distribution only in enclosed portable containers or distribution to tenants or employees of the company operating such facilities for their own use and not for resale) of natural or manufactured gas for heat, light, or power.

(8) **HOLDING COMPANY.**—

(A) **IN GENERAL.**—The term “holding company” means—

(i) any company that directly or indirectly owns, controls, or holds, with power to vote, 10 percent or more of the outstanding voting securities of a public-utility company or of a holding company of any public-utility company; and

(ii) any person, determined by the Commission, after notice and opportunity for hearing, to exercise directly or indirectly (either alone or pursuant to an arrangement or understanding with one or more persons) such a controlling influence over the management or policies of any public-utility company or holding company as to make it necessary or appropriate for the rate protection of utility customers with respect to rates that such person be subject to the obligations,

duties, and liabilities imposed by this subtitle upon holding companies.

(B) EXCLUSIONS.—The term “holding company” shall not include—

(i) a bank, savings association, or trust company, or their operating subsidiaries that own, control, or hold, with the power to vote, public utility or public utility holding company securities so long as the securities are—

(I) held as collateral for a loan;

(II) held in the ordinary course of business as a fiduciary; or

(III) acquired solely for purposes of liquidation and in connection with a loan previously contracted for and owned beneficially for a period of not more than two years; or

(ii) a broker or dealer that owns, controls, or holds with the power to vote public utility or public utility holding company securities so long as the securities are—

(I) not beneficially owned by the broker or dealer and are subject to any voting instructions which may be given by customers or their assigns; or

(II) acquired within 12 months in the ordinary course of business as a broker, dealer, or underwriter with the bona fide intention of effecting distribution of the specific securities so acquired.

(9) HOLDING COMPANY SYSTEM.—The term “holding company system” means a holding company, together with its subsidiary companies.

(10) JURISDICTIONAL RATES.—The term “jurisdictional rates” means rates accepted or established by the Commission for the transmission of electric energy in interstate commerce, the sale of electric energy at wholesale in interstate commerce, the transportation of natural gas in interstate commerce, and the sale in interstate commerce of natural gas for resale for ultimate public consumption for domestic, commercial, industrial, or any other use.

(11) NATURAL GAS COMPANY.—The term “natural gas company” means a person engaged in the transportation of natural gas in interstate commerce or the sale of such gas in interstate commerce for resale.

(12) PERSON.—The term “person” means an individual or company.

(13) PUBLIC UTILITY.—The term “public utility” means any person who owns or operates facilities used for transmission of electric energy in interstate commerce or sales of electric energy at wholesale in interstate commerce.

(14) PUBLIC-UTILITY COMPANY.—The term “public-utility company” means an electric utility company or a gas utility company.

(15) STATE COMMISSION.—The term “State commission” means any commission, board, agency, or officer, by whatever name designated, of a State, municipality, or other political subdivision of a State that, under the laws of such State, has jurisdiction to regulate public utility companies.

(16) **SUBSIDIARY COMPANY.**—The term “subsidiary company” of a holding company means—

(A) any company, 10 percent or more of the outstanding voting securities of which are directly or indirectly owned, controlled, or held with power to vote, by such holding company; and

(B) any person, the management or policies of which the Commission, after notice and opportunity for hearing, determines to be subject to a controlling influence, directly or indirectly, by such holding company (either alone or pursuant to an arrangement or understanding with one or more other persons) so as to make it necessary for the rate protection of utility customers with respect to rates that such person be subject to the obligations, duties, and liabilities imposed by this subtitle upon subsidiary companies of holding companies.

(17) **VOTING SECURITY.**—The term “voting security” means any security presently entitling the owner or holder thereof to vote in the direction or management of the affairs of a company.

SEC. 1263. REPEAL OF THE PUBLIC UTILITY HOLDING COMPANY ACT OF 1935.

The Public Utility Holding Company Act of 1935 (15 U.S.C. 79 et seq.) is repealed.

SEC. 1264. FEDERAL ACCESS TO BOOKS AND RECORDS.

(a) **IN GENERAL.**—Each holding company and each associate company thereof shall maintain, and shall make available to the Commission, such books, accounts, memoranda, and other records as the Commission determines are relevant to costs incurred by a public utility or natural gas company that is an associate company of such holding company and necessary or appropriate for the protection of utility customers with respect to jurisdictional rates.

(b) **AFFILIATE COMPANIES.**—Each affiliate of a holding company or of any subsidiary company of a holding company shall maintain, and shall make available to the Commission, such books, accounts, memoranda, and other records with respect to any transaction with another affiliate, as the Commission determines are relevant to costs incurred by a public utility or natural gas company that is an associate company of such holding company and necessary or appropriate for the protection of utility customers with respect to jurisdictional rates.

(c) **HOLDING COMPANY SYSTEMS.**—The Commission may examine the books, accounts, memoranda, and other records of any company in a holding company system, or any affiliate thereof, as the Commission determines are relevant to costs incurred by a public utility or natural gas company within such holding company system and necessary or appropriate for the protection of utility customers with respect to jurisdictional rates.

(d) **CONFIDENTIALITY.**—No member, officer, or employee of the Commission shall divulge any fact or information that may come to his or her knowledge during the course of examination of books, accounts, memoranda, or other records as provided in this section, except as may be directed by the Commission or by a court of competent jurisdiction.

SEC. 1265. STATE ACCESS TO BOOKS AND RECORDS.

(a) **IN GENERAL.**—Upon the written request of a State commission having jurisdiction to regulate a public-utility company in a holding company system, the holding company or any associate company or affiliate thereof, other than such public-utility company, wherever located, shall produce for inspection books, accounts, memoranda, and other records that—

(1) have been identified in reasonable detail in a proceeding before the State commission;

(2) the State commission determines are relevant to costs incurred by such public-utility company; and

(3) are necessary for the effective discharge of the responsibilities of the State commission with respect to such proceeding.

(b) **LIMITATION.**—Subsection (a) does not apply to any person that is a holding company solely by reason of ownership of one or more qualifying facilities under the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2601 et seq.).

(c) **CONFIDENTIALITY OF INFORMATION.**—The production of books, accounts, memoranda, and other records under subsection (a) shall be subject to such terms and conditions as may be necessary and appropriate to safeguard against unwarranted disclosure to the public of any trade secrets or sensitive commercial information.

(d) **EFFECT ON STATE LAW.**—Nothing in this section shall preempt applicable State law concerning the provision of books, accounts, memoranda, and other records, or in any way limit the rights of any State to obtain books, accounts, memoranda, and other records under any other Federal law, contract, or otherwise.

(e) **COURT JURISDICTION.**—Any United States district court located in the State in which the State commission referred to in subsection (a) is located shall have jurisdiction to enforce compliance with this section.

SEC. 1266. EXEMPTION AUTHORITY.

(a) **RULEMAKING.**—Not later than 90 days after the effective date of this subtitle, the Commission shall issue a final rule to exempt from the requirements of section 1264 (relating to Federal access to books and records) any person that is a holding company, solely with respect to one or more—

(1) qualifying facilities under the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2601 et seq.);

(2) exempt wholesale generators; or

(3) foreign utility companies.

(b) **OTHER AUTHORITY.**—The Commission shall exempt a person or transaction from the requirements of section 1264 (relating to Federal access to books and records) if, upon application or upon the motion of the Commission—

(1) the Commission finds that the books, accounts, memoranda, and other records of any person are not relevant to the jurisdictional rates of a public utility or natural gas company; or

(2) the Commission finds that any class of transactions is not relevant to the jurisdictional rates of a public utility or natural gas company.

SEC. 1267. AFFILIATE TRANSACTIONS.

(a) **COMMISSION AUTHORITY UNAFFECTED.**—Nothing in this subtitle shall limit the authority of the Commission under the Federal Power Act (16 U.S.C. 791a et seq.) to require that jurisdictional rates are just and reasonable, including the ability to deny or approve the pass through of costs, the prevention of cross-subsidization, and the issuance of such rules and regulations as are necessary or appropriate for the protection of utility consumers.

(b) **RECOVERY OF COSTS.**—Nothing in this subtitle shall preclude the Commission or a State commission from exercising its jurisdiction under otherwise applicable law to determine whether a public-utility company, public utility, or natural gas company may recover in rates any costs of an activity performed by an associate company, or any costs of goods or services acquired by such public-utility company from an associate company.

SEC. 1268. APPLICABILITY.

Except as otherwise specifically provided in this subtitle, no provision of this subtitle shall apply to, or be deemed to include—

- (1) the United States;
- (2) a State or any political subdivision of a State;
- (3) any foreign governmental authority not operating in the United States;
- (4) any agency, authority, or instrumentality of any entity referred to in paragraph (1), (2), or (3); or
- (5) any officer, agent, or employee of any entity referred to in paragraph (1), (2), (3), or (4) acting as such in the course of his or her official duty.

SEC. 1269. EFFECT ON OTHER REGULATIONS.

Nothing in this subtitle precludes the Commission or a State commission from exercising its jurisdiction under otherwise applicable law to protect utility customers.

SEC. 1270. ENFORCEMENT.

The Commission shall have the same powers as set forth in sections 306 through 317 of the Federal Power Act (16 U.S.C. 825e–825p) to enforce the provisions of this subtitle.

SEC. 1271. SAVINGS PROVISIONS.

(a) **IN GENERAL.**—Nothing in this subtitle, or otherwise in the Public Utility Holding Company Act of 1935, or rules, regulations, or orders thereunder, prohibits a person from engaging in or continuing to engage in activities or transactions in which it is legally engaged or authorized to engage on the date of enactment of this Act, if that person continues to comply with the terms (other than an expiration date or termination date) of any such authorization, whether by rule or by order.

(b) **EFFECT ON OTHER COMMISSION AUTHORITY.**—Nothing in this subtitle limits the authority of the Commission under the Federal Power Act (16 U.S.C. 791a et seq.) or the Natural Gas Act (15 U.S.C. 717 et seq.).

(c) **TAX TREATMENT.**—Tax treatment under section 1081 of the Internal Revenue Code of 1986 as a result of transactions ordered in compliance with the Public Utility Holding Company Act of 1935 (15 U.S.C. 79 et seq.) shall not be affected in any manner due to the repeal of that Act and the enactment of the Public Utility Holding Company Act of 2005.

SEC. 1272. IMPLEMENTATION.

Not later than 4 months after the date of enactment of this subtitle, the Commission shall—

(1) issue such regulations as may be necessary or appropriate to implement this subtitle (other than section 1265, relating to State access to books and records); and

(2) submit to Congress detailed recommendations on technical and conforming amendments to Federal law necessary to carry out this subtitle and the amendments made by this subtitle.

SEC. 1273. TRANSFER OF RESOURCES.

All books and records that relate primarily to the functions transferred to the Commission under this subtitle shall be transferred from the Securities and Exchange Commission to the Commission.

SEC. 1274. EFFECTIVE DATE.

(a) IN GENERAL.—Except for section 1272 (relating to implementation), this subtitle shall take effect 6 months after the date of enactment of this subtitle.

(b) COMPLIANCE WITH CERTAIN RULES.—If the Commission approves and makes effective any final rulemaking modifying the standards of conduct governing entities that own, operate, or control facilities for transmission of electricity in interstate commerce or transportation of natural gas in interstate commerce prior to the effective date of this subtitle, any action taken by a public-utility company or utility holding company to comply with the requirements of such rulemaking shall not subject such public-utility company or utility holding company to any regulatory requirement applicable to a holding company under the Public Utility Holding Company Act of 1935 (15 U.S.C. 79 et seq.).

SEC. 1275. SERVICE ALLOCATION.

(a) DEFINITION OF PUBLIC UTILITY.—In this section, the term “public utility” has the meaning given the term in section 201(e) of the Federal Power Act (16 U.S.C. 824(e)).

(b) FERC REVIEW.—In the case of non-power goods or administrative or management services provided by an associate company organized specifically for the purpose of providing such goods or services to any public utility in the same holding company system, at the election of the system or a State commission having jurisdiction over the public utility, the Commission, after the effective date of this subtitle, shall review and authorize the allocation of the costs for such goods or services to the extent relevant to that associate company.

(c) EFFECT ON FEDERAL AND STATE LAW.—Nothing in this section shall affect the authority of the Commission or a State commission under other applicable law.

(d) RULES.—Not later than 4 months after the date of enactment of this Act, the Commission shall issue rules (which rules shall be effective no earlier than the effective date of this subtitle) to exempt from the requirements of this section any company in a holding company system whose public utility operations are confined substantially to a single State and any other class of transactions that the Commission finds is not relevant to the jurisdictional rates of a public utility.

SEC. 1276. AUTHORIZATION OF APPROPRIATIONS.

There are authorized to be appropriated such funds as may be necessary to carry out this subtitle.

SEC. 1277. CONFORMING AMENDMENTS TO THE FEDERAL POWER ACT.

(a) CONFLICT OF JURISDICTION.—Section 318 of the Federal Power Act (16 U.S.C. 825q) is repealed.

(b) DEFINITIONS.—(1) Section 201(g)(5) of the Federal Power Act (16 U.S.C. 824(g)(5)) is amended by striking “1935” and inserting “2005”.

(2) Section 214 of the Federal Power Act (16 U.S.C. 824m) is amended by striking “1935” and inserting “2005”.

Subtitle G—Market Transparency, Enforcement, and Consumer Protection

SEC. 1281. ELECTRICITY MARKET TRANSPARENCY.

Part II of the Federal Power Act is amended by adding at the end the following:

“SEC. 220. ELECTRICITY MARKET TRANSPARENCY RULES.

“(a)(1) The Commission is directed to facilitate price transparency in markets for the sale and transmission of electric energy in interstate commerce, having due regard for the public interest, the integrity of those markets, fair competition, and the protection of consumers.

“(2) The Commission may prescribe such rules as the Commission determines necessary and appropriate to carry out the purposes of this section. The rules shall provide for the dissemination, on a timely basis, of information about the availability and prices of wholesale electric energy and transmission service to the Commission, State commissions, buyers and sellers of wholesale electric energy, users of transmission services, and the public.

“(3) The Commission may—

“(A) obtain the information described in paragraph (2) from any market participant; and

“(B) rely on entities other than the Commission to receive and make public the information, subject to the disclosure rules in subsection (b).

“(4) In carrying out this section, the Commission shall consider the degree of price transparency provided by existing price publishers and providers of trade processing services, and shall rely on such publishers and services to the maximum extent possible. The Commission may establish an electronic information system if it determines that existing price publications are not adequately providing price discovery or market transparency. Nothing in this section, however, shall affect any electronic information filing requirements in effect under this Act as of the date of enactment of this section.

“(b)(1) Rules described in subsection (a)(2), if adopted, shall exempt from disclosure information the Commission determines would, if disclosed, be detrimental to the operation of an effective market or jeopardize system security.

“(2) In determining the information to be made available under this section and time to make the information available, the Commission shall seek to ensure that consumers and competitive

markets are protected from the adverse effects of potential collusion or other anticompetitive behaviors that can be facilitated by untimely public disclosure of transaction-specific information.

“(c)(1) Within 180 days of enactment of this section, the Commission shall conclude a memorandum of understanding with the Commodity Futures Trading Commission relating to information sharing, which shall include, among other things, provisions ensuring that information requests to markets within the respective jurisdiction of each agency are properly coordinated to minimize duplicative information requests, and provisions regarding the treatment of proprietary trading information.

“(2) Nothing in this section may be construed to limit or affect the exclusive jurisdiction of the Commodity Futures Trading Commission under the Commodity Exchange Act (7 U.S.C. 1 et seq.).

“(d) The Commission shall not require entities who have a de minimis market presence to comply with the reporting requirements of this section.

“(e)(1) Except as provided in paragraph (2), no person shall be subject to any civil penalty under this section with respect to any violation occurring more than 3 years before the date on which the person is provided notice of the proposed penalty under section 316A.

“(2) Paragraph (1) shall not apply in any case in which the Commission finds that a seller that has entered into a contract for the sale of electric energy at wholesale or transmission service subject to the jurisdiction of the Commission has engaged in fraudulent market manipulation activities materially affecting the contract in violation of section 222.

“(f) This section shall not apply to a transaction for the purchase or sale of wholesale electric energy or transmission services within the area described in section 212(k)(2)(A).”.

SEC. 1282. FALSE STATEMENTS.

Part II of the Federal Power Act (16 U.S.C. 824 et seq.) is amended by adding at the end the following:

“SEC. 221. PROHIBITION ON FILING FALSE INFORMATION.

“No entity (including an entity described in section 201(f)) shall willfully and knowingly report any information relating to the price of electricity sold at wholesale or the availability of transmission capacity, which information the person or any other entity knew to be false at the time of the reporting, to a Federal agency with intent to fraudulently affect the data being compiled by the Federal agency.”.

SEC. 1283. MARKET MANIPULATION.

Part II of the Federal Power Act (16 U.S.C. 824 et seq.) is amended by adding at the end the following:

“SEC. 222. PROHIBITION OF ENERGY MARKET MANIPULATION.

“(a) IN GENERAL.—It shall be unlawful for any entity (including an entity described in section 201(f)), directly or indirectly, to use or employ, in connection with the purchase or sale of electric energy or the purchase or sale of transmission services subject to the jurisdiction of the Commission, any manipulative or deceptive device or contrivance (as those terms are used in section 10(b) of the Securities Exchange Act of 1934 (15 U.S.C. 78j(b))), in contravention

of such rules and regulations as the Commission may prescribe as necessary or appropriate in the public interest or for the protection of electric ratepayers.

“(b) NO PRIVATE RIGHT OF ACTION.—Nothing in this section shall be construed to create a private right of action.”.

SEC. 1284. ENFORCEMENT.

(a) COMPLAINTS.—Section 306 of the Federal Power Act (16 U.S.C. 825e) is amended—

(1) by inserting “electric utility,” after “Any person,”; and

(2) by inserting “, transmitting utility,” after “licensee” each place it appears.

(b) INVESTIGATIONS.—Section 307(a) of the Federal Power Act (16 U.S.C. 825f(a)) is amended—

(1) by inserting “, electric utility, transmitting utility, or other entity” after “person” each place it appears; and

(2) in the first sentence, by inserting before the period at the end the following: “, or in obtaining information about the sale of electric energy at wholesale in interstate commerce and the transmission of electric energy in interstate commerce”.

(c) REVIEW OF COMMISSION ORDERS.—Section 313(a) of the Federal Power Act (16 U.S.C. 825l) is amended by inserting “electric utility,” after “person,” in the first 2 places it appears and by striking “any person unless such person” and inserting “any entity unless such entity”.

(d) CRIMINAL PENALTIES.—Section 316 of the Federal Power Act (16 U.S.C. 825o) is amended—

(1) in subsection (a)—

(A) by striking “\$5,000” and inserting “\$1,000,000”; and

(B) by striking “two years” and inserting “5 years”;

(2) in subsection (b), by striking “\$500” and inserting “\$25,000”; and

(3) by striking subsection (c).

(e) CIVIL PENALTIES.—Section 316A of the Federal Power Act (16 U.S.C. 825o–1) is amended—

(1) by striking “section 211, 212, 213, or 214” each place it appears and inserting “part II”; and

(2) in subsection (b), by striking “\$10,000” and inserting “\$1,000,000”.

SEC. 1285. REFUND EFFECTIVE DATE.

Section 206(b) of the Federal Power Act (16 U.S.C. 824e(b)) is amended as follows:

(1) By striking “the date 60 days after the filing of such complaint nor later than 5 months after the expiration of such 60-day period” in the second sentence and inserting “the date of the filing of such complaint nor later than 5 months after the filing of such complaint”.

(2) By striking “60 days after” in the third sentence and inserting “of”.

(3) By striking “expiration of such 60-day period” in the third sentence and inserting “publication date”.

(4) By striking the fifth sentence and inserting the following: “If no final decision is rendered by the conclusion of the 180-day period commencing upon initiation of a proceeding pursuant to this section, the Commission shall state the reasons

why it has failed to do so and shall state its best estimate as to when it reasonably expects to make such decision.”.

SEC. 1286. REFUND AUTHORITY.

Section 206 of the Federal Power Act (16 U.S.C. 824e) is amended by adding at the end the following:

“(e)(1) In this subsection:

“(A) The term ‘short-term sale’ means an agreement for the sale of electric energy at wholesale in interstate commerce that is for a period of 31 days or less (excluding monthly contracts subject to automatic renewal).

“(B) The term ‘applicable Commission rule’ means a Commission rule applicable to sales at wholesale by public utilities that the Commission determines after notice and comment should also be applicable to entities subject to this subsection.

“(2) If an entity described in section 201(f) voluntarily makes a short-term sale of electric energy through an organized market in which the rates for the sale are established by Commission-approved tariff (rather than by contract) and the sale violates the terms of the tariff or applicable Commission rules in effect at the time of the sale, the entity shall be subject to the refund authority of the Commission under this section with respect to the violation.

“(3) This section shall not apply to—

“(A) any entity that sells in total (including affiliates of the entity) less than 8,000,000 megawatt hours of electricity per year; or

“(B) an electric cooperative.

“(4)(A) The Commission shall have refund authority under paragraph (2) with respect to a voluntary short term sale of electric energy by the Bonneville Power Administration only if the sale is at an unjust and unreasonable rate.

“(B) The Commission may order a refund under subparagraph (A) only for short-term sales made by the Bonneville Power Administration at rates that are higher than the highest just and reasonable rate charged by any other entity for a short-term sale of electric energy in the same geographic market for the same, or most nearly comparable, period as the sale by the Bonneville Power Administration.

“(C) In the case of any Federal power marketing agency or the Tennessee Valley Authority, the Commission shall not assert or exercise any regulatory authority or power under paragraph (2) other than the ordering of refunds to achieve a just and reasonable rate.”.

SEC. 1287. CONSUMER PRIVACY AND UNFAIR TRADE PRACTICES.

(a) **PRIVACY.**—The Federal Trade Commission may issue rules protecting the privacy of electric consumers from the disclosure of consumer information obtained in connection with the sale or delivery of electric energy to electric consumers.

(b) **SLAMMING.**—The Federal Trade Commission may issue rules prohibiting the change of selection of an electric utility except with the informed consent of the electric consumer or if approved by the appropriate State regulatory authority.

(c) **CRAMMING.**—The Federal Trade Commission may issue rules prohibiting the sale of goods and services to an electric consumer unless expressly authorized by law or the electric consumer.

(d) RULEMAKING.—The Federal Trade Commission shall proceed in accordance with section 553 of title 5, United States Code, when prescribing a rule under this section.

(e) STATE AUTHORITY.—If the Federal Trade Commission determines that a State's regulations provide equivalent or greater protection than the provisions of this section, such State regulations shall apply in that State in lieu of the regulations issued by the Commission under this section.

(f) DEFINITIONS.—For purposes of this section:

(1) STATE REGULATORY AUTHORITY.—The term “State regulatory authority” has the meaning given that term in section 3(21) of the Federal Power Act (16 U.S.C. 796(21)).

(2) ELECTRIC CONSUMER AND ELECTRIC UTILITY.—The terms “electric consumer” and “electric utility” have the meanings given those terms in section 3 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2602).

SEC. 1288. AUTHORITY OF COURT TO PROHIBIT INDIVIDUALS FROM SERVING AS OFFICERS, DIRECTORS, AND ENERGY TRADERS.

Section 314 of the Federal Power Act (16 U.S.C. 825m) is amended by adding at the end the following:

“(d) In any proceedings under subsection (a), the court may prohibit, conditionally or unconditionally, and permanently or for such period of time as the court determines, any individual who is engaged or has engaged in practices constituting a violation of section 221 (and related rules and regulations) from—

“(1) acting as an officer or director of an electric utility;

or

“(2) engaging in the business of purchasing or selling—

“(A) electric energy; or

“(B) transmission services subject to the jurisdiction of the Commission.”.

SEC. 1289. MERGER REVIEW REFORM.

(a) IN GENERAL.—Section 203(a) of the Federal Power Act (16 U.S.C. 824b(a)) is amended to read as follows:

“(a)(1) No public utility shall, without first having secured an order of the Commission authorizing it to do so—

“(A) sell, lease, or otherwise dispose of the whole of its facilities subject to the jurisdiction of the Commission, or any part thereof of a value in excess of \$10,000,000;

“(B) merge or consolidate, directly or indirectly, such facilities or any part thereof with those of any other person, by any means whatsoever;

“(C) purchase, acquire, or take any security with a value in excess of \$10,000,000 of any other public utility;

or

“(D) purchase, lease, or otherwise acquire an existing generation facility—

“(i) that has a value in excess of \$10,000,000;

and

“(ii) that is used for interstate wholesale sales and over which the Commission has jurisdiction for ratemaking purposes.

“(2) No holding company in a holding company system that includes a transmitting utility or an electric utility shall purchase, acquire, or take any security with a value in excess

of \$10,000,000 of, or, by any means whatsoever, directly or indirectly, merge or consolidate with, a transmitting utility, an electric utility company, or a holding company in a holding company system that includes a transmitting utility, or an electric utility company, with a value in excess of \$10,000,000 without first having secured an order of the Commission authorizing it to do so.

“(3) Upon receipt of an application for such approval the Commission shall give reasonable notice in writing to the Governor and State commission of each of the States in which the physical property affected, or any part thereof, is situated, and to such other persons as it may deem advisable.

“(4) After notice and opportunity for hearing, the Commission shall approve the proposed disposition, consolidation, acquisition, or change in control, if it finds that the proposed transaction will be consistent with the public interest, and will not result in cross-subsidization of a non-utility associate company or the pledge or encumbrance of utility assets for the benefit of an associate company, unless the Commission determines that the cross-subsidization, pledge, or encumbrance will be consistent with the public interest.

“(5) The Commission shall, by rule, adopt procedures for the expeditious consideration of applications for the approval of dispositions, consolidations, or acquisitions, under this section. Such rules shall identify classes of transactions, or specify criteria for transactions, that normally meet the standards established in paragraph (4). The Commission shall provide expedited review for such transactions. The Commission shall grant or deny any other application for approval of a transaction not later than 180 days after the application is filed. If the Commission does not act within 180 days, such application shall be deemed granted unless the Commission finds, based on good cause, that further consideration is required to determine whether the proposed transaction meets the standards of paragraph (4) and issues an order tolling the time for acting on the application for not more than 180 days, at the end of which additional period the Commission shall grant or deny the application.

“(6) For purposes of this subsection, the terms ‘associate company’, ‘holding company’, and ‘holding company system’ have the meaning given those terms in the Public Utility Holding Company Act of 2005.”

(b) **EFFECTIVE DATE.**—The amendments made by this section shall take effect 6 months after the date of enactment of this Act.

(c) **TRANSITION PROVISION.**—The amendments made by subsection (a) shall not apply to any application under section 203 of the Federal Power Act (16 U.S.C. 824b) that was filed on or before the date of enactment of this Act.

SEC. 1290. RELIEF FOR EXTRAORDINARY VIOLATIONS.

(a) **APPLICATION.**—This section applies to any contract entered into the Western Interconnection prior to June 20, 2001, with a seller of wholesale electricity that the Commission has—

(1) found to have manipulated the electricity market resulting in unjust and unreasonable rates; and

(2) revoked the seller's authority to sell any electricity at market-based rates.

(b) RELIEF.—Notwithstanding section 222 of the Federal Power Act (as added by section 1262), any provision of title 11, United States Code, or any other provision of law, in the case of a contract described in subsection (a), the Commission shall have exclusive jurisdiction under the Federal Power Act (16 U.S.C. 791a et seq.) to determine whether a requirement to make termination payments for power not delivered by the seller, or any successor in interest of the seller, is not permitted under a rate schedule (or contract under such a schedule) or is otherwise unlawful on the grounds that the contract is unjust and unreasonable or contrary to the public interest.

(c) APPLICABILITY.—This section applies to any proceeding pending on the date of enactment of this section involving a seller described in subsection (a) in which there is not a final, nonappealable order by the Commission or any other jurisdiction determining the respective rights of the seller.

Subtitle H—Definitions

SEC. 1291. DEFINITIONS.

(a) COMMISSION.—In this title, the term “Commission” means the Federal Energy Regulatory Commission.

(b) AMENDMENT.—Section 3 of the Federal Power Act (16 U.S.C. 796) is amended—

(1) by striking paragraphs (22) and (23) and inserting the following:

“(22) ELECTRIC UTILITY.—(A) The term ‘electric utility’ means a person or Federal or State agency (including an entity described in section 201(f)) that sells electric energy.

“(B) The term ‘electric utility’ includes the Tennessee Valley Authority and each Federal power marketing administration.

“(23) TRANSMITTING UTILITY.—The term ‘transmitting utility’ means an entity (including an entity described in section 201(f)) that owns, operates, or controls facilities used for the transmission of electric energy—

“(A) in interstate commerce;

“(B) for the sale of electric energy at wholesale.”; and

(2) by adding at the end the following:

“(26) ELECTRIC COOPERATIVE.—The term ‘electric cooperative’ means a cooperatively owned electric utility.

“(27) RTO.—The term ‘Regional Transmission Organization’ or ‘RTO’ means an entity of sufficient regional scope approved by the Commission—

“(A) to exercise operational or functional control of facilities used for the transmission of electric energy in interstate commerce; and

“(B) to ensure nondiscriminatory access to the facilities.

“(28) ISO.—The term ‘Independent System Operator’ or ‘ISO’ means an entity approved by the Commission—

“(A) to exercise operational or functional control of facilities used for the transmission of electric energy in interstate commerce; and

“(B) to ensure nondiscriminatory access to the facilities.

“(29) TRANSMISSION ORGANIZATION.—The term ‘Transmission Organization’ means a Regional Transmission Organization, Independent System Operator, independent transmission provider, or other transmission organization finally approved by the Commission for the operation of transmission facilities.”.

(c) APPLICABILITY.—Section 201(f) of the Federal Power Act (16 U.S.C. 824(f)) is amended by striking “political subdivision of a state,” and inserting “political subdivision of a State, an electric cooperative that receives financing under the Rural Electrification Act of 1936 (7 U.S.C. 901 et seq.) or that sells less than 4,000,000 megawatt hours of electricity per year,”.

Subtitle I—Technical and Conforming Amendments

SEC. 1295. CONFORMING AMENDMENTS.

(a) Section 201 of the Federal Power Act (16 U.S.C. 824) is amended—

(1) in subsection (b)(2)—

(A) in the first sentence—

(i) by striking “The” and inserting “Notwithstanding section 201(f), the”; and

(ii) by striking “210, 211, and 212” and inserting “203(a)(2), 206(e), 210, 211, 211A, 212, 215, 216, 217, 218, 219, 220, 221, and 222”; and

(B) in the second sentence—

(i) by inserting “or rule” after “any order”; and

(ii) by striking “210 or 211” and inserting “203(a)(2), 206(e), 210, 211, 211A, 212, 215, 216, 217, 218, 219, 220, 221, or 222”; and

(2) in subsection (e), by striking “210, 211, or 212” and inserting “206(e), 206(f), 210, 211, 211A, 212, 215, 216, 217, 218, 219, 220, 221, or 222”.

(b) Section 206 of the Federal Power Act (16 U.S.C. 824e) is amended—

(1) in the first sentence of subsection (a), by striking “hearing had” and inserting “hearing held”; and

(2) in the seventh sentence of subsection (b), by striking “the public utility to make”.

(c) Section 211 of the Federal Power Act (16 U.S.C. 824j) is amended—

(1) in subsection (c)—

(A) by striking “(2)”; and

(B) by striking “(A)” and inserting “(1)”

(C) by striking “(B)” and inserting “(2)”; and

(D) by striking “termination of modification” and inserting “termination or modification”; and

(2) in the second sentence of subsection (d)(1), by striking “electric utility” the second place it appears and inserting “transmitting utility”.

(d) Section 315(c) of the Federal Power Act (16 U.S.C. 825n(c)) is amended by striking “subsection” and inserting “section”.

Subtitle J—Economic Dispatch

SEC. 1298. ECONOMIC DISPATCH.

Part II of the Federal Power Act (16 U.S.C. 824 et seq.) is amended by adding at the end the following:

“SEC. 223. JOINT BOARDS ON ECONOMIC DISPATCH.

“(a) IN GENERAL.—The Commission shall convene joint boards on a regional basis pursuant to section 209 of this Act to study the issue of security constrained economic dispatch for the various market regions. The Commission shall designate the appropriate regions to be covered by each such joint board for purposes of this section.

“(b) MEMBERSHIP.—The Commission shall request each State to nominate a representative for the appropriate regional joint board, and shall designate a member of the Commission to chair and participate as a member of each such board.

“(c) POWERS.—The sole authority of each joint board convened under this section shall be to consider issues relevant to what constitutes ‘security constrained economic dispatch’ and how such a mode of operating an electric energy system affects or enhances the reliability and affordability of service to customers in the region concerned and to make recommendations to the Commission regarding such issues.

“(d) REPORT TO THE CONGRESS.—Within 1 year after enactment of this section, the Commission shall issue a report and submit such report to the Congress regarding the recommendations of the joint boards under this section and the Commission may consolidate the recommendations of more than one such regional joint board, including any consensus recommendations for statutory or regulatory reform.”.

TITLE XIII—ENERGY POLICY TAX INCENTIVES

SEC. 1300. SHORT TITLE; AMENDMENT OF 1986 CODE.

(a) SHORT TITLE.—This title may be cited as the “Energy Tax Incentives Act of 2005”.

(b) AMENDMENT OF 1986 CODE.—Except as otherwise expressly provided, whenever in this title an amendment or repeal is expressed in terms of an amendment to, or repeal of, a section or other provision, the reference shall be considered to be made to a section or other provision of the Internal Revenue Code of 1986.

Subtitle A—Electricity Infrastructure

SEC. 1301. EXTENSION AND MODIFICATION OF RENEWABLE ELECTRICITY PRODUCTION CREDIT.

(a) 2-YEAR EXTENSION FOR CERTAIN FACILITIES.—Section 45(d) (relating to qualified facilities) is amended—

(1) by striking “January 1, 2006” each place it appears in paragraphs (1), (2), (3), (5), (6), and (7) and inserting “January 1, 2008”, and