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# Energy Legislation: Comparable Provisions in S. 2012 as Passed by the House and Senate

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## Summary

Congress most recently enacted major energy legislation in the Energy Independence and Security Act of 2007 (P.L. 110-140). The 114<sup>th</sup> Congress is currently considering new legislation to address broad energy issues. On April 20, 2016, the Senate passed an amended version of S. 2012, the Energy Policy and Modernization Act. On December 3, 2015, the House passed an amended version of H.R. 8, the North American Energy Security and Infrastructure Act of 2015. On May 25, 2016, the House passed an amended version of S. 2012 which contains the text of H.R. 8, as well as the text of several other energy and natural resources-related bills. The following day, the House moved to insist upon its amendment, and to appoint conferees to resolve the differences in S. 2012. On July 12, the Senate agreed to the request for a conference, and appointed conferees.

Both versions of S. 2012 would address a variety of energy topics, including

- Energy efficiency in federal buildings, data centers, manufacturing, and schools;
- Water conservation/efficiency;
- Electric grid cybersecurity;
- Nuclear energy and carbon sequestration research and development;
- Amendments to hydropower licensing provisions;
- Liquefied natural gas exports; and
- Energy workforce development.

The House version also contains provisions on

- Electric grid physical security;
- A North American energy security plan; and
- A study of wholesale electricity markets.

The Senate version also includes provisions on

- Review of the Strategic Petroleum Reserve;
- Geothermal energy development on federal lands;
- Vehicle research and development;
- Electric grid energy storage;
- Renewable energy supply and incentives; and
- Loan programs.

Both versions of S. 2012 also contain major non-energy provisions including fish and wildlife recreation and federal land conveyances. Differences include permanent authorization of the Land and Water Conservation Fund (LWCF) (Senate); reauthorization of the EPA Brownfields Program (Senate); National Forest management (House); and drought relief (House).

This report provides a side-by-side table identifying comparable and non-comparable provisions in the House and Senate-passed versions of S. 2012.

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## Introduction

On September 9, 2015, the Senate Committee on Energy and Natural Resources reported S. 2012, the Energy Policy Modernization Act, a major energy bill with provisions addressing energy efficiency, critical infrastructure, energy supplies (fossil, renewable, and nuclear), energy financing and markets, and critical minerals, among other topics.<sup>1</sup> The Senate passed S. 2012 on April 20, 2016.

On May 25, 2016, the House passed an amended version of S. 2012 which contains the text of H.R. 8,<sup>2</sup> as well as the text of several other energy and natural resources-related bills. The following day, the House moved to insist upon its amendment, and to appoint conferees to resolve the differences in S. 2012. On July 12, the Senate agreed to the request for a conference, and appointed conferees.

In addition to energy policy provisions, both versions of S. 2012 contain many natural resources and environmental provisions including provisions on fish and wildlife recreation and federal land conveyances. The Senate version includes permanent reauthorization of the Land and Water Conservation Fund and reauthorization of EPA's Brownfields Program, while the House version includes provisions on National Forest management and drought relief.

The House-passed bill would have eliminated restrictions on the export of U.S.-produced crude oil. However, this provision was included in the FY2016 Consolidated Appropriations Act (P.L. 114-113).<sup>3</sup>

The House-passed bill also includes provisions on the physical security of the electric grid. Two of these provisions—on critical electric infrastructure security and a strategic transformer reserve—were included in the Fixing America's Surface Transportation (FAST) Act (P.L. 114-94).<sup>4</sup>

This report provides a side-by-side table identifying comparable and non-comparable provisions in the House and Senate-passed versions of S. 2012, provisions that may be addressed in conference.<sup>5</sup> The first part of the table lists the provisions in the Senate version of S. 2012 in section order in the left column, with any comparable House provisions in the right column. The second part of the table (beginning on page 16) lists the provisions from the House version in section order in the right column, with any comparable Senate provisions in the left column.

For a discussion of key energy and natural resources topics in the two bills, see CRS Report R44291, *Energy Legislation: Comparison of Selected Provisions in H.R. 8 and S. 2012*.

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<sup>1</sup> U.S. Congress, Senate Committee on Energy and Natural Resources, *Energy Policy and Modernization Act of 2015*, 114<sup>th</sup> Cong., 1<sup>st</sup> sess., September 9, 2015, S.Rept. 114-138 (Washington: GPO, 2015).

<sup>2</sup> The North American Energy Security and Infrastructure Act of 2015, which passed the House on December 3, 2015.

<sup>3</sup> For more information, see CRS Insight IN10472, *U.S. Crude Oil Exports to International Destinations*, by Phillip Brown.

<sup>4</sup> For more information on these provisions, see CRS Insight IN10425, *Electric Grid Physical Security: Recent Legislation*, by Paul W. Parfomak.

<sup>5</sup> For more information on conference committees, see CRS Report 96-708, *Conference Committee and Related Procedures: An Introduction*, by Elizabeth Rybicki.

# Comparable Provisions

**Table I. Comparable and Non-Comparable Provisions in S. 2012 as Passed by the Senate and House**

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
<b>Engrossed in Senate</b>	
Sec. 1. Short title; table of contents.	Sec. 1. Short title; table of contents.
Sec. 2. Definitions.	No comparable provision
<b>TITLE I—EFFICIENCY</b>	
<b>Subtitle A—Buildings</b>	
Sec. 1001. Greater energy efficiency in building codes.	Division A - Sec. 3141. Greater energy efficiency in building codes.
Sec. 1002. Budget-neutral demonstration program for energy and water conservation improvements at multifamily residential units.	No comparable provision
Sec. 1003. Coordination of energy retrofitting assistance for schools.	Division A - Sec. 3131. Coordination of energy retrofitting assistance for schools.
Sec. 1004. Energy efficiency materials pilot program.	No comparable provision
Sec. 1005. Utility energy service contracts.	No comparable provision
Sec. 1006. Use of energy and water efficiency measures in Federal buildings.	Division A - Sec. 3113. Report on energy and water savings potential from thermal insulation.
Sec. 1007. Building training and assessment centers.	No comparable provision
Sec. 1008. Career skills training.	No comparable provision (related provisions in Senate Sec. 3601 and House Division A - Secs. 9001-9003)
Sec. 1009. Energy-efficient and energy-saving information technologies.	Division A - Sec. 3111. Energy-efficient and energy-saving information technologies.
Sec. 1010. Availability of funds for design updates.	No comparable provision
Sec. 1011. Energy efficient data centers.	Division A - Sec. 3112. Energy efficient data centers.
Sec. 1012. Weatherization Assistance Program.	No comparable provision
Sec. 1013. Reauthorization of State energy program.	No comparable provision
Sec. 1014. Smart building acceleration.	No comparable provision
Sec. 1015. Repeal of fossil phase-out.	No comparable provision
Sec. 1016. Federal building energy efficiency performance standards.	Division A - Sec. 3117. Federal building energy efficiency performance standards; certification system and level for Federal buildings.
Sec. 1017. Codification of Executive Order.	Division A - Sec. 3116. Energy performance requirement for Federal buildings.
Sec. 1018. Certification for green buildings.	No comparable provision
Sec. 1019. High performance green federal buildings.	No comparable provision
Sec. 1020. Evaluation of potentially duplicative green building programs.	No comparable provision

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 1021. Study and report on energy savings benefits of operational efficiency programs and services.	No comparable provision
Sec. 1022. Use of Federal disaster relief and emergency assistance for energy-efficient products and structures.	No comparable provision
Sec. 1023. Watersense.	Division A - Sec. 3162. WaterSense.
<b>Subtitle B—Appliances</b>	
Sec. 1101. Extended product system rebate program.	No comparable provision
Sec. 1102. Energy efficient transformer rebate program.	No comparable provision
Sec. 1103. Standards for certain furnaces.	Division A - Sec. 3123. Facilitating consensus furnace standards.
Sec. 1104. Third-party certification under Energy Star program.	Division A - Sec. 3124. No warranty for certain certified Energy Star products.
Sec. 1105. Energy conservation standards for commercial refrigeration equipment.	No comparable provision
Sec. 1106. Voluntary verification programs for air conditioning, furnace, boiler, heat pump, and water heater products.	Division A - Sec. 3122. Voluntary verification programs for air conditioning, furnace, boiler, heat pump, and water heater products.
Sec. 1107. Application of energy conservation standards to certain external power supplies.	Division A - Sec. 3128. Definition of external power supply; Sec. 3129. Standards for power supply circuits connected to LEDs or OLEDs.
<b>Subtitle C—Manufacturing</b>	
Sec. 1201. Manufacturing energy efficiency.	No comparable provision
Sec. 1202. Leveraging existing Federal agency programs to assist small and medium manufacturers.	No comparable provision
Sec. 1203. Leveraging smart manufacturing infrastructure at National Laboratories.	No comparable provision
<b>Subtitle D—Vehicles</b>	
Sec. 1301. Short title.	No comparable provision
Sec. 1302. Objectives.	No comparable provision
Sec. 1303. Coordination and nonduplication.	No comparable provision
Sec. 1304. Authorization of appropriations.	No comparable provision
Sec. 1305. Reporting.	No comparable provision
<b>PART I—Vehicle Research and Development</b>	
Sec. 1306. Program.	No comparable provision (related provision in Division D - Sec. 641)
Sec. 1307. Manufacturing.	No comparable provision
<b>PART II—Medium- and Heavy-Duty Commercial and Transit Vehicles</b>	
Sec. 1308. Program.	No comparable provision
Sec. 1309. Class 8 truck and trailer systems demonstration.	No comparable provision
Sec. 1310. Technology testing and metrics.	No comparable provision

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 1311. Nonroad systems pilot program.	No comparable provision
<b>PART III—Administration</b>	
Sec. 1312. Repeal of existing authorities.	No comparable provision (related provisions in Senate Sec. 1306 and House Division D - Sec. 641)
Sec. 1313. Reauthorization of diesel emissions reduction program.	No comparable provision
Sec. 1314. Gaseous fuel dual fueled automobiles.	No comparable provision
<b>Subtitle E—Short Title</b>	
Sec. 1401. Short title.	No comparable provision
<b>Subtitle F—Housing</b>	
Sec. 1501. Definitions.	No comparable provision
Sec. 1502. Enhanced energy efficiency underwriting criteria.	No comparable provision
Sec. 1503. Enhanced energy efficiency underwriting valuation guidelines.	No comparable provision
Sec. 1504. Monitoring.	No comparable provision
Sec. 1505. Rulemaking.	No comparable provision
Sec. 1506. Additional study.	No comparable provision
<b>TITLE II—INFRASTRUCTURE</b>	
<b>Subtitle A—Cybersecurity</b>	
Sec. 2001. Cybersecurity threats.	No comparable provision
Sec. 2002. Enhanced grid security.	Division A - Sec. 1106. Cyber Sense.
<b>Subtitle B—Strategic Petroleum Reserve</b>	
Sec. 2101. Strategic Petroleum Reserve modernization.	No comparable provision
Sec. 2102. Strategic petroleum reserve drawdown and sale.	No comparable provision
<b>Subtitle C—Trade</b>	
Sec. 2201. Action on applications to export liquefied natural gas.	Division A - Sec. 2005. Authorization to export natural gas.
Sec. 2202. Public disclosure of liquefied natural gas export destinations.	Division A - Sec. 2005. Authorization to export natural gas. (c)
Sec. 2203. Energy data collaboration.	Division A - Sec. 2003. North American energy security plan.
<b>Subtitle D—Electricity and Energy Storage</b>	
Sec. 2301. Grid storage program.	No comparable provision
Sec. 2302. Electric system grid architecture, scenario development, and modeling.	No comparable provision
Sec. 2303. Hybrid micro-grid systems for isolated and resilient communities.	No comparable provision
Sec. 2304. Voluntary model pathways.	No comparable provision

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 2305. Performance metrics for electricity infrastructure providers.	No comparable provision
Sec. 2306. State and regional electricity distribution planning.	No comparable provision
Sec. 2307. Authorization of appropriations.	No comparable provision
Sec. 2308. Electric transmission infrastructure permitting.	No comparable provision
Sec. 2309. Report by transmission organizations on distributed energy resources and micro-grid systems.	No comparable provision
Sec. 2310. Net metering study guidance.	No comparable provision
Sec. 2311. [Sec. 2312 in text] Model guidance for combined heat and power systems and waste heat to power systems.	No comparable provision
<b>Subtitle E—Computing</b>	
Sec. 2401. Exascale computer research program.	Division D - Sec. 503. Advanced scientific computing research.
<b>TITLE III—SUPPLY</b>	
<b>Subtitle A—Renewables</b>	
<b>PART I—Hydroelectric</b>	
Sec. 3001. Hydropower regulatory improvements.	Division A - Sec. 3115. Federal purchase requirement; Sec. 1203. Hydropower licensing and process improvements; Sec. 1205. Licensing study improvements; Sec. 1206. Closed-loop pumped storage projects.
Sec. 3002. Hydroelectric production incentives and efficiency improvements.	No comparable provision
Sec. 3003. Extension of time for a Federal Energy Regulatory Commission project involving Clark Canyon Dam.	Division A - Sec. 8001. Extension of time for Federal Energy Regulatory Commission project involving Clark Canyon Dam.
Sec. 3004. Extension of time for a Federal Energy Regulatory Commission project involving Gibson Dam.	Division A - Sec. 8002. Extension of time for Federal Energy Regulatory Commission project involving Gibson Dam.
<b>PART II—Geothermal</b>	
<b>subpart a—Geothermal Energy</b>	
Sec. 3005. National goals for production and site identification.	No comparable provision
Sec. 3006. Priority areas for development on Federal land.	No comparable provision
Sec. 3007. Facilitation of coproduction of geothermal energy on oil and gas leases.	No comparable provision
Sec. 3008. Noncompetitive leasing of adjoining areas for development of geothermal resources.	No comparable provision
Sec. 3009. Report to Congress.	No comparable provision
Sec. 3010. Authorization of appropriations.	No comparable provision



S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
<b>subpart b—Development of Geothermal, Solar, and Wind Energy On Public Land.</b>	
Sec. 301 I. Definitions.	No comparable provision
Sec. 301 IA. Land use planning; supplements to programmatic environmental impact statements.	No comparable provision
Sec. 301 IB. Environmental review on covered land.	No comparable provision
Sec. 301 IC. Program to improve renewable energy project permit coordination.	No comparable provision
Sec. 301 ID. Savings clause.	No comparable provision
<b>subpart c—Geothermal Exploration</b>	
Sec. 3012. Geothermal exploration test projects.	No comparable provision
<b>PART III—Marine Hydrokinetic</b>	
Sec. 3013. Definition of marine and hydrokinetic renewable energy.	Division A - Sec. 7001. Definition of marine and hydrokinetic renewable energy.
Sec. 3014. Marine and hydrokinetic renewable energy research and development.	Division A - Sec. 7002. Marine and hydrokinetic renewable energy research and development.
Sec. 3015. National Marine Renewable Energy Research, Development, and Demonstration Centers.	Division A - Sec. 7003. National Marine Renewable Energy Research, Development, and Demonstration Centers.
Sec. 3016. Authorization of appropriations.	Division A - Sec. 7004. Authorization of appropriations.
<b>PART IV—Biomass</b>	
Sec. 3017. Policies relating to biomass energy.	No comparable provision
<b>Subtitle B—Oil and Gas</b>	
Sec. 3101. Amendments to the Methane Hydrate Research and Development Act of 2000.	No comparable provision
Sec. 3102. Liquefied natural gas study.	No comparable provision
Sec. 3103. FERC process coordination with respect to regulatory approval of gas projects.	Division A - Sec. 1101. FERC process coordination.
Sec. 3104. Pilot program.	No comparable provision
Sec. 3105. GAO review and report.	Division A - Sec. 4004. Studies.
Sec. 3106. Ethane storage study.	Division A - Sec. 1111. Ethane storage study.
Sec. 3107. Aliso Canyon natural gas leak task force.	No comparable provision
Sec. 3108. Report on incorporating Internet-based lease sales.	No comparable provision
Sec. 3109. Denali National Park and Preserve natural gas pipeline.	No comparable provision
<b>Subtitle C—Helium</b>	
Sec. 3201. Rights to helium.	No comparable provision
<b>Subtitle D—Critical Minerals</b>	
	<b>Title III—National Strategic and Critical Minerals Act</b>
Sec. 3301. Definitions.	Division C - Sec. 3003. Definitions.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 3302. Policy.	No comparable provision
Sec. 3303. Critical mineral designations.	No comparable provision
Sec. 3304. Resource assessment.	No comparable provision
Sec. 3305. Permitting.	Division C - Sec. 3012. Responsibilities of the lead agency.
Sec. 3306. Federal Register process.	Division C - Sec. 3014. Federal register process for mineral exploration and mining projects.
Sec. 3307. Recycling, efficiency, and alternatives.	No comparable provision
Sec. 3308. Analysis and forecasting.	No comparable provision
Sec. 3309. Education and workforce.	No comparable provision
Sec. 3310. National geological and geophysical data preservation program.	No comparable provision
Sec. 3311. Administration.	No comparable provision
Sec. 3312. Authorization of appropriations.	No comparable provision
<b>Subtitle E—Coal</b>	
Sec. 3401. Sense of the Senate on carbon capture, use, and storage development and deployment.	No comparable provision
Sec. 3402. Fossil energy.	Division D - Sec. 661. Fossil energy.
Sec. 3403. Establishment of coal technology program.	Division D - Sec. 662. Coal research, development, demonstration, and commercial application programs.
Sec. 3404. Report on price stabilization support.	No comparable provision
<b>Subtitle F—Nuclear</b>	
Sec. 3501. Nuclear energy innovation capabilities.	Division D - Title VI, Subtitle C—Nuclear Energy Research and Development - Secs. 621-628; Sec. 714. Nuclear energy innovation; and TITLE XXXIII—NUCLEAR ENERGY INNOVATION CAPABILITIES - Secs. 3301-3311.
Sec. 3502. Next generation nuclear plant project.	No comparable provision
<b>Subtitle G—Workforce Development</b> <b>Title IX. Energy and Manufacturing Workforce Development</b>	
Sec. 3601. 21st Century Energy Workforce Advisory Board. (Related provision in Senate Sec. 1008)	Division A - Sec. 9001. Energy and manufacturing workforce development; Sec. 9002. Report.
Sec. 3602. Energy workforce pilot grant program.	Sec. 9002. Report; Sec. 9003. Use of existing funds.
<b>Subtitle H—Recycling</b>	
Sec. 3701. Recycled carbon fiber.	No comparable provision
Sec. 3702. Energy generation and regulatory relief study regarding recovery and conversion of nonrecycled mixed plastics.	No comparable provision
Sec. 3703. Eligible projects.	No comparable provision (related provision in House Division A - Sec. 3115(b))
Sec. 3704. Promoting use of reclaimed refrigerants in Federal facilities.	No comparable provision
<b>Subtitle I—Thermal Energy</b>	

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 3801. Modifying the definition of renewable energy to include thermal energy.	Division A - Sec. 3115. Federal purchase requirement. (a)
<b>TITLE IV—ACCOUNTABILITY</b>	
<b>Subtitle A—Loan Programs</b>	
Sec. 4001. Terms and conditions for incentives for innovative technologies.	No comparable provision
Sec. 4002. State loan eligibility.	No comparable provision
Sec. 4003. GAO Study on fossil loan guarantee incentive program.	No comparable provision
Sec. 4004. Program eligibility for vessels.	No comparable provision
Sec. 4005. Additional reforms.	No comparable provision
Sec. 4006. Department of Energy Indian energy education planning and management assistance program.	No comparable provision
<b>Subtitle B—Energy-Water Nexus</b>	
Sec. 4101. Nexus of energy and water for sustainability.	No comparable provision
Sec. 4102. Smart energy and water efficiency pilot program.	Division A - Sec. 3161. Smart energy and water efficiency pilot program.
<b>Subtitle C—Innovation</b>	
Sec. 4201. America COMPETES programs.	Division D - Sec. 510. Authorization of appropriations; Sec. 671. ARPA-E amendments; Sec. 681. Authorization of appropriations.
Sec. 4202. Inclusion of early stage technology demonstration in authorized technology transfer activities.	Division D - Sec. 723. Inclusion of early-stage technology demonstration in authorized technology transfer activities.
Sec. 4203. Supporting access of small business concerns to National Laboratories.	Division D - Sec. 713. Sense of Congress.
Sec. 4204. Microlab technology commercialization.	No comparable provision
Sec. 4205. Sense of the Senate on accelerating energy innovation.	No comparable provision
Sec. 4206. Restoration of Laboratory Directed Research and Development Program.	No comparable provision
Sec. 4207. National Science and Technology Council coordinating subcommittee for high-energy physics.	Division D - Sec. 504. High energy physics.
<b>Subtitle D—Grid Reliability</b>	
Sec. 4301. Bulk-power system reliability impact statement.	Division A - Sec. 1108. Reliability analysis for certain rules that affect electric generating facilities.
Sec. 4302. Report by transmission organizations on diversity of supply.	Division A - Sec. 1110. Reliability and performance assurance in Regional Transmission Organizations.
<b>Subtitle E—Management</b>	
Sec. 4401. Federal land management.	No comparable provision
Sec. 4402. Quadrennial Energy Review.	No comparable provision
Sec. 4403. State oversight of oil and gas programs.	No comparable provision

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 4404. Under Secretary for Science and Energy.	Division D - Sec. 501. Mission.
Sec. 4405. Western Area Power Administration pilot project.	No comparable provision
Sec. 4406. Research grants database.	Division D - Sec. 628. Available facilities database.
Sec. 4407. Review of economic impact of BSEE rule on small entities.	No comparable provision
Sec. 4408. Energy emergency response efforts of the Department.	Division A - Sec. 1103. Emergency preparedness for energy supply disruptions.
Sec. 4409. GAO report on Bureau of Safety and Environmental Enforcement statutory and regulatory authority for the procurement of helicopter fuel.	No comparable provision
Sec. 4410. Conveyance of federal land within the Swan Lake hydroelectric project boundary.	No comparable provision
Sec. 4411. Study of waivers of certain cost-sharing requirements.	Division D - Sec. 724. Funding competitiveness for institutions of higher education and other nonprofit institutions.
Sec. 4412. National park centennial.	No comparable provision
Sec. 4413. Program to reduce the potential impacts of solar energy facilities on certain species.	No comparable provision
Sec. 4414. Wild horses in and around the Currituck National Wildlife Refuge	No comparable provision
<b>Subtitle F—Markets</b>	
Sec. 4501. Enhanced information on critical energy supplies.	No comparable provision
Sec. 4502. Working Group on Energy Markets.	No comparable provision
Sec. 4503. Study of regulatory framework for energy markets.	No comparable provision
<b>Subtitle G—Affordability</b>	
Sec. 4601. E-prize competition pilot program.	No comparable provision
Sec. 4602. Carbon dioxide capture technology prize.	No comparable provision
<b>Subtitle H—Code Maintenance</b>	
Sec. 4701. Repeal of off-highway motor vehicles study.	Division A - Sec. 3231. Repeal of off-highway motor vehicles study.
Sec. 4702. Repeal of methanol study.	Division A - Sec. 3232. Repeal of methanol study.
Sec. 4703. Repeal of authorization of appropriations provision.	No comparable provision
Sec. 4704. Repeal of residential energy efficiency standards study.	Division A - Sec. 3233. Repeal of residential energy efficiency standards study.
Sec. 4705. Repeal of weatherization study.	Division A - Sec. 3234. Repeal of weatherization study.
Sec. 4706. Repeal of report to Congress.	Division A - Sec. 3235. Repeal of report to Congress.
Sec. 4707. Repeal of report by General Services Administration.	Division A - Sec. 3236. Repeal of report by General Services Administration.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 4708. Repeal of intergovernmental energy management planning and coordination workshops.	Division A - Sec. 3237. Repeal of intergovernmental energy management planning and coordination workshops.
Sec. 4709. Repeal of Inspector General audit survey and President's Council on Integrity and Efficiency report to Congress.	Division A - Sec. 3238. Repeal of Inspector General audit survey and President's Council on Integrity and Efficiency report to Congress.
Sec. 4710. Repeal of procurement and identification of energy efficient products program.	Division A - Sec. 3239. Repeal of procurement and identification of energy efficient products program.
Sec. 4711. Repeal of national action plan for demand response.	Division A - Sec. 3240. Repeal of national action plan for demand response.
Sec. 4712. Repeal of national coal policy study.	Division A - Sec. 3241. Repeal of national coal policy study.
Sec. 4713. Repeal of study on compliance problem of small electric utility systems.	Division A - Sec. 3242. Repeal of study on compliance problem of small electric utility systems.
Sec. 4714. Repeal of study of socioeconomic impacts of increased coal production and other energy development.	Division A - Sec. 3243. Repeal of study of socioeconomic impacts of increased coal production and other energy development.
Sec. 4715. Repeal of study of the use of petroleum and natural gas in combustors.	Division A - Sec. 3244. Repeal of study of the use of petroleum and natural gas in combustors.
Sec. 4716. Repeal of submission of reports.	Division A - Sec. 3245. Repeal of submission of reports.
Sec. 4717. Repeal of electric utility conservation plan.	Division A - Sec. 3246. Repeal of electric utility conservation plan.
Sec. 4718. Emergency Energy Conservation repeals.	Division A - Sec. 3248. Emergency energy conservation repeals.
Sec. 4719. Energy Security Act repeals.	No comparable provision
Sec. 4720. Nuclear Safety Research, Development, and Demonstration Act of 1980 repeals.	No comparable provision
Sec. 4721. Elimination and consolidation of certain America COMPETES programs.	Division D - Sec. 3305. University nuclear science and engineering support.
Sec. 4722. Repeal of state utility regulatory assistance.	Division A - Sec. 3249. Repeal of State utility regulatory assistance.
Sec. 4723. Repeal of survey of energy saving potential.	Division A - Sec. 3250. Repeal of survey of energy saving potential.
Sec. 4724. Repeal of photovoltaic energy program.	Division A - Sec. 3251. Repeal of photovoltaic energy program.
Sec. 4725. Repeal of energy auditor training and certification.	Division A - Sec. 3252. Repeal of energy auditor training and certification.
Sec. 4726. Repeal of authorization of appropriations.	No comparable provision
Sec. 4727. Repeal of Renewable Energy and Energy Efficiency Technology Competitiveness Act of 1989.	No comparable provision
Sec. 4728. Repeal of hydrogen research, development, and demonstration program.	No comparable provision
Sec. 4729. Repeal of study on alternative fuel use in nonroad vehicles and engines.	No comparable provision

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 4730. Repeal of low interest loan program for small business fleet purchases.	No comparable provision
Sec. 4731. Repeal of technical and policy analysis for replacement fuel demand and supply information.	No comparable provision
Sec. 4732. Repeal of 1992 Report on Climate Change.	No comparable provision
Sec. 4733. Repeal of Director of Climate Protector establishment.	No comparable provision
Sec. 4734. Repeal of 1994 report on global climate change emissions.	No comparable provision
Sec. 4735. Repeal of telecommuting study.	No comparable provision
Sec. 4736. Repeal of advanced buildings for 2005 program.	No comparable provision
Sec. 4737. Repeal of Energy Research, Development, Demonstration, and Commercial Application Advisory Board.	No comparable provision
Sec. 4738. Repeal of study on use of energy futures for fuel purchase.	No comparable provision
Sec. 4739. Repeal of energy subsidy study.	No comparable provision
Sec. 4740. Modernization of terms relating to minorities.	Division A - Sec. 5012. Modernization of terms relating to minorities.
<b>TITLE V—CONSERVATION REAUTHORIZATION</b>	
Sec. 5001. National Park Service Maintenance and Revitalization Conservation Fund.	No comparable provision
Sec. 5002. Land and Water Conservation Fund.	No comparable provision
Sec. 5003. Historic Preservation Fund.	No comparable provision
Sec. 5004. Conservation incentives landowner education program.	No comparable provision
<b>TITLE VI—INDIAN TRIBAL ENERGY DEVELOPMENT AND SELF-DETERMINATION</b>	
Sec. 6001. Short title.	Division C - Sec. 4001. Short title.
<b>Subtitle A—Indian Tribal Energy Development and Self-determination Act Amendments</b>	
Sec. 6011. Indian tribal energy resource development.	No comparable provision
Sec. 6012. Indian tribal energy resource regulation.	No comparable provision
Sec. 6013. Tribal energy resource agreements.	No comparable provision
Sec. 6014. Technical assistance for Indian tribal governments.	No comparable provision
Sec. 6015. Conforming amendments.	No comparable provision
Sec. 6016. Report.	No comparable provision
<b>Subtitle B—Miscellaneous Amendments</b>	
Sec. 6201. Issuance of preliminary permits or licenses.	No comparable provision

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 6202. Tribal biomass demonstration project.	Division C - Sec. 4006. Tribal biomass demonstration project.
Sec. 6203. Weatherization program.	No comparable provision
Sec. 6204. Appraisals.	Division C - Sec. 4002. Appraisals.
Sec. 6205. Leases of restricted lands for Navajo Nation.	Division C - Sec. 4008. Leases of restricted lands for the Navajo Nation.
Sec. 6206. Extension of tribal lease period for the Crow Tribe of Montana.	No comparable provision
Sec. 6207. Trust status of lease payments.	No comparable provision
<b>TITLE VII—BROWNFIELDS REAUTHORIZATION</b>	
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Sec. 7002. Expanded eligibility for nonprofit organizations.	No comparable provision
Sec. 7003. Multipurpose brownfields grants.	No comparable provision
Sec. 7004. Treatment of certain publicly owned brownfield sites.	No comparable provision
Sec. 7005. Increased funding for remediation grants.	No comparable provision
Sec. 7006. Allowing administrative costs for grant recipients.	No comparable provision
Sec. 7007. Small community technical assistance grants.	No comparable provision
Sec. 7008. Waterfront brownfields grants.	No comparable provision
Sec. 7009. Clean energy brownfields grants.	No comparable provision
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<b>TITLE IX—MISCELLANEOUS</b>	
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Sec. 10002. Land conveyance, Elkhorn Ranch and White River National Forest, Colorado.	Division C - TITLE XIII—ELKHORN RANCH AND WHITE RIVER NATIONAL FOREST CONVEYANCE ACT; Sec. 13001. Short title; Sec. 13002. Land conveyance, Elkhorn Ranch and White River National Forest, Colorado.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 10003. Land exchange in Craggs, Colorado.	Division C - TITLE XV—CRAGGS, COLORADO LAND EXCHANGE ACT; Sec. 15001. Short title; Sec. 15002. Purposes; Sec. 15003. Definitions; Sec. 15004. Land exchange; Sec. 15005. Equal value exchange and appraisals; Sec. 15006. Miscellaneous provisions.
Sec. 10004. Cerro del Yuta and Rio San Antonio Wilderness Areas.	No comparable provision
Sec. 10005. Clarification relating to a certain land description under the Northern Arizona Land Exchange and Verde River Basin Partnership Act of 2005.	No comparable provision
Sec. 10006. Cooper Spur land exchange clarification amendments.	No comparable provision
Sec. 10007. Expedited access to certain Federal land.	Division C - Subtitle Q—Good Samaritan Search and Recovery; Sec. 2181. Short title; Sec. 2182. Expedited access to certain Federal land.
Sec. 10008. Black Hills National Cemetery boundary modification.	No comparable provision
<b>Subtitle B—National Park Management, Studies, and Related Matters</b>	
Sec. 10101. Refund of funds used by States to operate national parks during shutdown.	No comparable provision
Sec. 10102. Lower Farmington and Salmon Brook recreational rivers.	No comparable provision
Sec. 10103. Special resource study of President Street Station.	No comparable provision
Sec. 10104. Special resource study of Thurgood Marshall's elementary school.	No comparable provision
Sec. 10105. Special resource study of James K. Polk presidential home.	No comparable provision
Sec. 10106. North Country National Scenic Trail route adjustment.	No comparable provision
Sec. 10107. Designation of Jay S. Hammond Wilderness Area.	No comparable provision
Sec. 10108. Advisory Council on Historic Preservation.	No comparable provision
Sec. 10109. Establishment of a visitor services facility on the Arlington Ridge tract.	No comparable provision
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Sec. 10201. Congressional declaration of national policy.	Division C - Sec. 2062. Findings.
<b>PART II—Sportsmen's Access to Federal Land</b>	
<b>Subtitle F—MISCELLANEOUS</b>	
Sec. 10211. Definitions.	Division C - Sec. 2063. Fishing, hunting, and recreational shooting.(a)
Sec. 10212. Federal land open to hunting, fishing, and recreational shooting.	Division C - Sec. 2063. Fishing, hunting, and recreational shooting.(b)-(d); (f)-(j)



S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
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Sec. 10214. Shooting ranges.	Division C - Sec. 2063. Fishing, hunting, and recreational shooting.(e)(2)
Sec. 10215. Federal action transparency.	Division C - Sec. 2161. Short title; Sec. 2162. Modification of equal access to justice provisions.
<b>PART III—Filming on Federal Land Management Agency Land</b>	
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<b>PART IV—Bows, Wildlife Management, and Access Opportunities for Recreation, Hunting, and Fishing</b>	
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Sec. 10232. Wildlife management in parks.	Division C - Sec. 2064; Subtitle N—Grand Canyon Bison Management Act - Sec. 2151-2153
Sec. 10233. Identifying opportunities for recreation, hunting, and fishing on Federal land.	No comparable provision
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Sec. 10241. Federal Land Transaction Facilitation Act.	Division C - Sec. 2091. Short title; Sec. 2092. Federal Land Transaction Facilitation Act.
<b>PART VI—Fish and Wildlife Conservation</b>	
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Sec. 10252. North American Wetlands Conservation Act.	No comparable provision
Sec. 10253. National fish habitat conservation.	No comparable provision
Sec. 10254. Gulf States Marine Fisheries Commission report on Gulf of Mexico outer Continental Shelf State boundary extension.	No comparable provision
Sec. 10255. GAO report on Gulf of Mexico outer Continental Shelf State boundary extension.	No comparable provision
<b>PART VII—Miscellaneous</b>	
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Sec. 10262. No priority.	Division C - Sec. 2063. Fishing, hunting, and recreational shooting. (g)
<b>Subtitle D—Water Infrastructure and Related Matters</b>	
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Sec. 10301. Authority to make entire active capacity of Fontenelle Reservoir available for use.	No comparable provision
Sec. 10302. Savings provisions.	No comparable provision

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
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Sec. 10312. Asset management report enhancements for reserved works.	No comparable provision
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<b>PART III—Basin Water Management</b>	
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Sec. 10322. Modification of terms, purposes, and definitions.	No comparable provision
Sec. 10323. Yakima River Basin Water Conservation Program.	No comparable provision
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<b>PART V—Hydroelectric Projects</b>	
Sec. 10341. Terror Lake Hydroelectric Project Upper Hidden Basin Diversion authorization.	No comparable provision
Sec. 10342. Stay and Reinstatement of FERC License No. 11393 for the Mahoney Lake Hydroelectric Project.	No comparable provision
Sec. 10343. Extension of deadline for hydroelectric project.	Division A - Sec. 1202. Extension of time for FERC project involving W. Kerr Scott Dam.
Sec. 10344. Extension of deadline for certain other hydroelectric projects.	Division A - Sec. 8005. Extension of time for Federal Energy Regulatory Commission project involving Gathright Dam; Sec. 8006. Extension of time for Federal Energy Regulatory Commission project involving Flannagan Dam.
Sec. 10345. Equus Beds Division extension.	No comparable provision
Sec. 10346. Extension of time for a Federal Energy Regulatory Commission project involving Cannonsville Dam.	Division A - Sec. 8004. Extension of time for Federal Energy Regulatory Commission project involving Cannonsville Dam.
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S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
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	<b>Subtitle A—Energy Delivery, Reliability, and Security</b>
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No comparable provision	Sec. 1102. Resolving environmental and grid reliability conflicts.
Sec. 4408. Energy emergency response efforts of the Department.	Sec. 1103. Emergency preparedness for energy supply disruptions.
No comparable provision	Sec. 1104. Critical electric infrastructure security.
No comparable provision	Sec. 1105. Strategic Transformer Reserve.
Sec. 2002. Enhanced grid security.	Sec. 1106. Cyber Sense.
No comparable provision	Sec. 1107. State coverage and consideration of PURPA standards for electric utilities.
Sec. 4301. Bulk-power system reliability impact statement.	Sec. 1108. Reliability analysis for certain rules that affect electric generating facilities.
No comparable provision (Related provisions in Senate Sections 3401-3404)	Sec. 1109. Increased accountability with respect to carbon capture, utilization, and sequestration projects.
Sec. 4302. Report by transmission organizations on diversity of supply.	Sec. 1110. Reliability and performance assurance in Regional Transmission Organizations.
Sec. 3106. Ethane storage study.	Sec. 1111. Ethane storage study.
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No comparable provision	Sec. 1113. Grid resilience report.
No comparable provision	Sec. 1114. GAO report on improving National Response Center.
No comparable provision	Sec. 1115. Designation of National Energy Security Corridors on Federal lands.
No comparable provision	Sec. 1116. Vegetation management, facility inspection, and operation and maintenance on Federal lands containing electric transmission and distribution facilities.
	<b>Subtitle B—Hydropower Regulatory Modernization</b>
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Sec. 10343. Extension of deadline for hydroelectric project.	Sec. 1202. Extension of time for FERC project involving W. Kerr Scott Dam.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
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No comparable provision (related provisions in Senate Sec. 3001 and House Division A – Secs. 1203, 1205, and 1206)	Sec. 1204. Judicial review of delayed Federal authorizations.
Sec. 3001. Hydropower regulatory improvements.	Sec. 1205. Licensing study improvements.
Sec. 3001. Hydropower regulatory improvements.	Sec. 1206. Closed-loop pumped storage projects.
No comparable provision	Sec. 1207. License amendment improvements.
No comparable provision	Sec. 1208. Promoting hydropower development at existing nonpowered dams.
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Sec. 2203. Energy data collaboration.	Sec. 2003. North American energy security plan.
No comparable provision	Sec. 2004. Collective energy security.
Sec. 2201. Action on applications to export liquefied natural gas; Sec. 2202. Public disclosure of liquefied natural gas export destinations.	Sec. 2005. Authorization to export natural gas.
No comparable provision	Sec. 2006. Environmental review for energy export facilities.
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<b>TITLE III—ENERGY EFFICIENCY AND ACCOUNTABILITY</b>	
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Sec. 1009. Energy-efficient and energy-saving information technologies.	Sec. 3111. Energy-efficient and energy-saving information technologies.
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Sec. 1006. Use of energy and water efficiency measures in Federal buildings	Sec. 3113. Report on energy and water savings potential from thermal insulation.
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Sec. 1016. Federal building energy efficiency performance standards.	Sec. 3117. Federal building energy efficiency performance standards; certification system and level for Federal buildings.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
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No comparable provision	Sec. 3119. Report on energy savings and greenhouse gas emissions reduction from conversion of captured methane to energy.
<b>CHAPTER 2—ENERGY EFFICIENT TECHNOLOGY AND MANUFACTURING</b>	
No comparable provision	Sec. 3121. Inclusion of Smart Grid capability on Energy Guide labels.
Sec. 1106. Voluntary verification programs for air conditioning, furnace, boiler, heat pump, and water heater products.	Sec. 3122. Voluntary verification programs for air conditioning, furnace, boiler, heat pump, and water heater products.
Sec. 1103. Standards for certain furnaces.	Sec. 3123. Facilitating consensus furnace standards.
Sec. 1104. Third-party certification under Energy Star program.	Sec. 3124. No warranty for certain certified Energy Star products.
No comparable provision	Sec. 3125. Clarification to effective date for regional standards.
No comparable provision	Sec. 3126. Internet of Things report.
No comparable provision	Sec. 3127. Energy savings from lubricating oil.
Sec. 1107. Application of energy conservation standards to certain external power supplies.	Sec. 3128. Definition of external power supply.
Sec. 1107. Application of energy conservation standards to certain external power supplies.	Sec. 3129. Standards for power supply circuits connected to LEDs or OLEDs.
<b>CHAPTER 3—SCHOOL BUILDINGS</b>	
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No comparable provision	Sec. 3152. Clarifying rulemaking procedures.
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<b>Subtitle B—Accountability</b>	
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Sec. 4710. Repeal of procurement and identification of energy efficient products program.	Sec. 3239. Repeal of procurement and identification of energy efficient products program.
Sec. 4711. Repeal of national action plan for demand response.	Sec. 3240. Repeal of national action plan for demand response.
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No comparable provision	Sec. 3247. Technical amendment to Powerplant and Industrial Fuel Use Act of 1978.
Sec. 4718. Emergency Energy Conservation repeals.	Sec. 3248. Emergency energy conservation repeals.
Sec. 4722. Repeal of state utility regulatory assistance.	Sec. 3249. Repeal of State utility regulatory assistance.
Sec. 4723. Repeal of survey of energy saving potential.	Sec. 3250. Repeal of survey of energy saving potential.
Sec. 4724. Repeal of photovoltaic energy program.	Sec. 3251. Repeal of photovoltaic energy program.
Sec. 4725. Repeal of energy auditor training and certification.	Sec. 3252. Repeal of energy auditor training and certification.
	<b>CHAPTER 4—AUTHORIZATION</b>
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No comparable provision	Sec. 4005. Savings clause.
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No comparable provision	Sec. 4007. Report.
No comparable provision	Sec. 4008. Report to Congress.
No comparable provision	Sec. 4009. Prohibition on exports of crude oil, refined petroleum products, and petrochemical products to the Islamic Republic of Iran.
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No comparable provision	Sec. 5009. Study of volatility of crude oil.
No comparable provision	Sec. 5010. Smart meter privacy rights.
No comparable provision	Sec. 5011. Youth energy enterprise competition.
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<b>TITLE VI—PROMOTING RENEWABLE ENERGY WITH SHARED SOLAR</b>	
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No comparable provision	Sec. 6002. Provision of interconnection service and net billing service for community solar facilities.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
<p>Sec. 3013. Definition of marine and hydrokinetic renewable energy.</p> <p>Sec. 3014. Marine and hydrokinetic renewable energy research and development.</p> <p>Sec. 3015. National Marine Renewable Energy Research, Development, and Demonstration Centers.</p> <p>Sec. 3016. Authorization of appropriations.</p>	<p><b>TITLE VII—MARINE HYDROKINETIC</b></p> <p>Sec. 7001. Definition of marine and hydrokinetic renewable energy.</p> <p>Sec. 7002. Marine and hydrokinetic renewable energy research and development.</p> <p>Sec. 7003. National Marine Renewable Energy Research, Development, and Demonstration Centers.</p> <p>Sec. 7004. Authorization of appropriations.</p>
<p>Sec. 3003. Extension of time for a Federal Energy Regulatory Commission project involving Clark Canyon Dam.</p> <p>Sec. 3004. Extension of time for a Federal Energy Regulatory Commission project involving Gibson Dam.</p> <p>No comparable provision</p> <p>Sec. 10346. Extension of time for a Federal Energy Regulatory Commission project involving Cannonsville Dam.</p> <p>Sec. 10344. Extension of deadline for certain other hydroelectric projects.</p> <p>Sec. 10344. Extension of deadline for certain other hydroelectric projects.</p>	<p><b>TITLE VIII—EXTENSIONS OF TIME FOR VARIOUS FEDERAL ENERGY REGULATORY COMMISSION PROJECTS</b></p> <p>Sec. 8001. Extension of time for Federal Energy Regulatory Commission project involving Clark Canyon Dam.</p> <p>Sec. 8002. Extension of time for Federal Energy Regulatory Commission project involving Gibson Dam.</p> <p>Sec. 8003. Extension of time for Federal Energy Regulatory Commission project involving Jennings Randolph Dam.</p> <p>Sec. 8004. Extension of time for Federal Energy Regulatory Commission project involving Cannonsville Dam.</p> <p>Sec. 8005. Extension of time for Federal Energy Regulatory Commission project involving Gathright Dam.</p> <p>Sec. 8006. Extension of time for Federal Energy Regulatory Commission project involving Flannagan Dam.</p>
<p>Sec. 3601. 21st Century Energy Workforce Advisory Board.</p> <p>Sec. 3601. 21st Century Energy Workforce Advisory Board.; Sec. 3602. Energy workforce pilot grant program.</p> <p>Sec. 3602. Energy workforce pilot grant program.</p>	<p><b>TITLE IX—ENERGY AND MANUFACTURING WORKFORCE DEVELOPMENT</b></p> <p>Sec. 9001. Energy and manufacturing workforce development.</p> <p>Sec. 9002. Report.</p> <p>Sec. 9003. Use of existing funds.</p>
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<p>No comparable provision</p>	<p><b>TITLE I—EXPEDITED ENVIRONMENTAL ANALYSIS AND AVAILABILITY OF CATEGORICAL EXCLUSIONS TO EXPEDITE FOREST MANAGEMENT ACTIVITIES</b></p> <p>Sec. 101. Analysis of only two alternatives (action versus no action) in proposed collaborative forest management activities.</p>



S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
No comparable provision	Sec. 102. Categorical exclusion to expedite certain critical response actions.
No comparable provision	Sec. 103. Categorical exclusion to expedite salvage operations in response to catastrophic events.
No comparable provision	Sec. 104. Categorical exclusion to meet forest plan goals for early successional forests.
No comparable provision	Sec. 105. Clarification of existing categorical exclusion authority related to insect and disease infestation.
No comparable provision	Sec. 106. Categorical exclusion to improve, restore, and reduce the risk of wildfire.
No comparable provision	Sec. 107. Compliance with forest plan.
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No comparable provision	Sec. 202. Compliance with forest plan.
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No comparable provision	Sec. 402. Resource advisory committees.
No comparable provision	Sec. 403. Program for title II self-sustaining resource advisory committee projects.
No comparable provision	Sec. 404. Additional authorized use of reserved funds for title III county projects.
No comparable provision	Sec. 405. Treatment as supplemental funding.
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No comparable provision	Sec. 502. Excess offset value.
No comparable provision	Sec. 503. Payment of portion of stewardship project revenues to county in which stewardship project occurs.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
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No comparable provision	Sec. 505. Fire liability provision.
<b>TITLE VI—ADDITIONAL FUNDING SOURCES FOR FOREST MANAGEMENT ACTIVITIES</b>	
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No comparable provision	Sec. 602. Availability of stewardship project revenues and Collaborative Forest Landscape Restoration Fund to cover forest management activity planning costs.
No comparable provision	Sec. 603. State-supported planning of forest management activities.
<b>TITLE VII—TRIBAL FORESTRY PARTICIPATION AND PROTECTION</b>	
No comparable provision	Sec. 701. Protection of tribal forest assets through use of stewardship end result contracting and other authorities.
No comparable provision	Sec. 702. Management of Indian forest land authorized to include related National Forest System lands and public lands.
No comparable provision	Sec. 703. Tribal forest management demonstration project.
<b>TITLE VIII—MISCELLANEOUS FOREST MANAGEMENT PROVISIONS</b>	
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No comparable provision	Sec. 802. Conditions on Forest Service road decommissioning.
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No comparable provision	Sec. 804. Use of site-specific forest plan amendments for certain projects and activities.
No comparable provision	Sec. 805. Knutson-Vandenberg Act modifications.
No comparable provision	Sec. 806. Exclusion of certain National Forest System lands and public lands.
No comparable provision	Sec. 807. Application of Northwest Forest Plan Survey and Manage Mitigation Measure Standard and Guidelines.
No comparable provision	Sec. 808. Management of Bureau of Land Management lands in western Oregon.
No comparable provision	Sec. 809. Bureau of Land Management resource management plans.
No comparable provision	Sec. 810. Landscape-scale forest restoration project.
<b>TITLE IX—MAJOR DISASTER FOR WILDFIRE ON FEDERAL LAND</b>	

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
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No comparable provision	Sec. 902. Declaration of a major disaster for wildfire on Federal lands.
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No comparable provision	Sec. 1002. Findings.
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No comparable provision	Sec. 1012. Revise incidental take level calculation for delta smelt to reflect new science.
No comparable provision	Sec. 1013. Factoring increased real-time monitoring and updated science into Delta smelt management.
	<b>Subtitle B—ENSURING SALMONID MANAGEMENT IS RESPONSIVE TO NEW SCIENCE</b>
No comparable provision	Sec. 1021. Definitions.
No comparable provision	Sec. 1022. Process for ensuring salmonid management is responsive to new science.
No comparable provision	Sec. 1023. Non-Federal program to protect native anadromous fish in the Stanislaus River.
No comparable provision	Sec. 1024. Pilot projects to implement CALFED invasive species program.
	<b>Subtitle C—OPERATIONAL FLEXIBILITY AND DROUGHT RELIEF</b>
No comparable provision	Sec. 1031. Definitions.
No comparable provision	Sec. 1032. Operational flexibility in times of drought.
No comparable provision	Sec. 1033. Operation of cross-channel gates.
No comparable provision	Sec. 1034. Flexibility for export/inflow ratio.
No comparable provision	Sec. 1035. Emergency environmental reviews.
No comparable provision	Sec. 1036. Increased flexibility for regular project operations.
No comparable provision	Sec. 1037. Temporary operational flexibility for first few storms of the water year.
No comparable provision	Sec. 1038. Expediting water transfers.
No comparable provision	Sec. 1039. Additional emergency consultation.
No comparable provision	Sec. 1040. Additional storage at New Melones.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
No comparable provision	Sec. 1041. Regarding the operation of Folsom Reservoir.
No comparable provision	Sec. 1042. Applicants.
No comparable provision	Sec. 1043. San Joaquin River settlement.
No comparable provision	Sec. 1044. Program for water rescheduling.
<b>Subtitle D—CALFED STORAGE FEASIBILITY STUDIES</b>	
No comparable provision	Sec. 1051. Studies.
No comparable provision	Sec. 1052. Temperance Flat.
No comparable provision	Sec. 1053. CALFED storage accountability.
No comparable provision	Sec. 1054. Water storage project construction.
<b>Subtitle E—WATER RIGHTS PROTECTIONS</b>	
No comparable provision	Sec. 1061. Offset for State Water Project.
No comparable provision	Sec. 1062. Area of origin protections.
No comparable provision	Sec. 1063. No redirected adverse impacts.
No comparable provision	Sec. 1064. Allocations for Sacramento Valley contractors.
No comparable provision	Sec. 1065. Effect on existing obligations.
<b>Subtitle F—MISCELLANEOUS</b>	
No comparable provision	Sec. 1071. Authorized service area.
No comparable provision	Sec. 1072. Oversight board for Restoration Fund.
No comparable provision	Sec. 1073. Water supply accounting.
No comparable provision	Sec. 1074. Implementation of water replacement plan.
No comparable provision	Sec. 1075. Natural and artificially spawned species.
No comparable provision	Sec. 1076. Transfer the New Melones Unit, Central Valley Project to interested providers.
No comparable provision	Sec. 1077. Basin studies.
No comparable provision	Sec. 1078. Operations of the Trinity River Division.
No comparable provision	Sec. 1079. Amendment to purposes.
No comparable provision	Sec. 1080. Amendment to definition.
No comparable provision	Sec. 1081. Report on results of water usage.
No comparable provision	Sec. 1082. Klamath project consultation applicants.
<b>Subtitle G—Water Supply Permitting Act</b>	
No comparable provision	Sec. 1091. Short title.
No comparable provision	Sec. 1092. Definitions.
No comparable provision	Sec. 1093. Establishment of lead agency and cooperating agencies.
No comparable provision	Sec. 1094. Bureau responsibilities.
No comparable provision	Sec. 1095. Cooperating agency responsibilities.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
No comparable provision	Sec. 1096. Funding to process permits.
	<b>Subtitle H—Bureau of Reclamation Project Streamlining</b>
No comparable provision	Sec. 1101. Short title.
No comparable provision	Sec. 1102. Definitions.
No comparable provision	Sec. 1103. Acceleration of studies.
No comparable provision	Sec. 1104. Expedited completion of reports.
No comparable provision	Sec. 1105. Project acceleration.
No comparable provision	Sec. 1106. Annual report to Congress.
	<b>Subtitle I—Accelerated Revenue, Repayment, and Surface Water Storage Enhancement</b>
No comparable provision	Sec. 1111. Short title.
No comparable provision	Sec. 1112. Prepayment of certain repayment contracts between the United States and contractors of federally developed water supplies.
	<b>Subtitle J—Safety of Dams</b>
No comparable provision	Sec. 1121. Authorization of additional project benefits.
	<b>Subtitle K—Water Rights Protection</b>
No comparable provision	Sec. 1131. Short title.
No comparable provision	Sec. 1132. Definition of water right.
No comparable provision	Sec. 1133. Treatment of water rights.
No comparable provision	Sec. 1134. Recognition of State authority.
No comparable provision	Sec. 1135. Effect of title.
	<b>TITLE II—SPORTSMEN’S HERITAGE AND RECREATIONAL ENHANCEMENT ACT</b>
No comparable provision	Sec. 2001. Short title.
No comparable provision	Sec. 2002. Report on economic impact.
	<b>Subtitle A—Hunting, Fishing and Recreational Shooting Protection Act</b>
No comparable provision	Sec. 2011. Short title.
No comparable provision	Sec. 2012. Modification of definition.
No comparable provision	Sec. 2013. Limitation on authority to regulate ammunition and fishing tackle.
Sec. 10251. Amendments to Pittman-Robertson Wildlife Restoration Act.	<b>Subtitle B—Target Practice and Marksmanship Training Support Act</b>
No comparable provision	Sec. 2021. Short title.
Sec. 10251. Amendments to Pittman-Robertson Wildlife Restoration Act.	Sec. 2022. Findings; purpose.
Sec. 10251. Amendments to Pittman-Robertson Wildlife Restoration Act. (b)	Sec. 2023. Definition of public target range.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 10251. Amendments to Pittman-Robertson Wildlife Restoration Act.	Sec. 2024. Amendments to Pittman-Robertson Wildlife Restoration Act.
No comparable provision	Sec. 2025. Limits on liability.
Sec. 10251. Amendments to Pittman-Robertson Wildlife Restoration Act. (d)	Sec. 2026. Sense of Congress regarding cooperation.
	<b>Subtitle C—Polar Bear Conservation and Fairness Act</b>
No comparable provision	Sec. 2031. Short title.
No comparable provision	Sec. 2032. Permits for importation of polar bear trophies taken in sport hunts in Canada.
	<b>Subtitle D—Recreational Lands Self-Defense Act</b>
No comparable provision	Sec. 2041. Short title.
No comparable provision	Sec. 2042. Protecting Americans from violent crime.
	<b>Subtitle E—Wildlife and Hunting Heritage Conservation Council Advisory Committee</b>
No comparable provision	Sec. 2051. Wildlife and Hunting Heritage Conservation Council Advisory Committee.
	<b>Subtitle F—Recreational Fishing and Hunting Heritage Opportunities Act</b>
No comparable provision	Sec. 2061. Short title.
Sec. 10201. Congressional declaration of national policy.	Sec. 2062. Findings.
Sec. 10211. Definitions; Sec. 10212. Federal land open to hunting, fishing, and recreational shooting; Sec. 10213. Closure of Federal land to hunting, fishing, and recreational shooting; Sec. 10214. Shooting ranges; Sec. 10262. No priority.	Sec. 2063. Fishing, hunting, and recreational shooting.
Sec. 10213. Closure of Federal land to hunting, fishing, and recreational shooting; Sec. 10232. Wildlife management in parks.	Sec. 2064. Volunteer Hunters; Reports; Closures and Restrictions.
<b>No comparable provision</b>	<b>Subtitle G—Farmer and Hunter Protection Act</b>
No comparable provision	Sec. 2071. Short title.
No comparable provision	Sec. 2072. Baiting of migratory game birds.
<b>Sec. 10231. Bows in parks.</b>	<b>Subtitle H—Transporting Bows Across National Park Service Lands</b>
Sec. 10231. Bows in parks.	Sec. 2081. Short title.
Sec. 10231. Bows in parks.	Sec. 2082. Bowhunting opportunity and wildlife stewardship.
<b>Sec. 10241. Federal Land Transaction Facilitation Act.</b>	<b>Subtitle I—Federal Land Transaction Facilitation Act Reauthorization (FLTFA)</b>
Sec. 10241. Federal Land Transaction Facilitation Act.	Sec. 2091. Short title.
Sec. 10241. Federal Land Transaction Facilitation Act.	Sec. 2092. Federal Land Transaction Facilitation Act.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
	<b>Subtitle J—African Elephant Conservation and Legal Ivory Possession Act</b>
No comparable provision	Sec. 2101. Short title.
No comparable provision	Sec. 2102. References.
No comparable provision	Sec. 2103. Placement of United States Fish and Wildlife Service law enforcement officers in each African elephant range country.
No comparable provision	Sec. 2104. Treatment of elephant ivory.
No comparable provision	Sec. 2105. African Elephant Conservation Act financial assistance priority and reauthorization.
No comparable provision	Sec. 2106. Government Accountability Office study.
<b>PART VII—Miscellaneous</b>	<b>Subtitle K—Respect for Treaties and Rights</b>
Sec. 10261. Respect for treaties and rights.	Sec. 2111. Respect for Treaties and Rights.
	<b>Subtitle L—State Approval of Fishing Restriction</b>
No comparable provision	Sec. 2131. State or Territorial Approval of Restriction of Recreational or Commercial Fishing Access to Certain State or Territorial Waters.
<b>No comparable provision</b>	<b>Subtitle M—Hunting and Recreational Fishing Within Certain National Forests</b>
No comparable provision	Sec. 2141. Definitions.
No comparable provision	Sec. 2142. Hunting and recreational fishing within the national forest system.
No comparable provision	Sec. 2143. Publication of Closure of Roads in Forests.
<b>Sec. 10232. Wildlife management in parks.</b>	<b>Subtitle N—Grand Canyon Bison Management Act</b>
Sec. 10232. Wildlife management in parks.	Sec. 2151. Short title.
Sec. 10232. Wildlife management in parks.	Sec. 2152. Definitions.
Sec. 10232. Wildlife management in parks.	Sec. 2153. Bison management plan for Grand Canyon National Park.
Sec. 10215. Federal action transparency.	<b>Subtitle O—Open Book on Equal Access to Justice</b>
Sec. 10215. Federal action transparency.	Sec. 2161. Short title.
Sec. 10215. Federal action transparency.	Sec. 2162. Modification of equal access to justice provisions.
	<b>Subtitle P—Utility terrain vehicles</b>
No comparable provision	Sec. 2171. Utility terrain vehicles in Kisatchie National Forest.
Sec. 10007. Expedited access to certain Federal land.	<b>Subtitle Q—Good Samaritan Search and Recovery</b>
Sec. 10007. Expedited access to certain Federal land.	Sec. 2181. Short title.
Sec. 10007. Expedited access to certain Federal land.	Sec. 2182. Expedited access to certain Federal land.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
	<b>Subtitle R—Interstate Transportation of Firearms or Ammunition</b>
No comparable provision	Sec. 2191. Interstate transportation of firearms or ammunition.
	<b>Subtitle S—Gray Wolves</b>
No comparable provision	Sec. 2201. Reissuance of final rule regarding gray wolves in the Western Great Lakes.
No comparable provision	Sec. 2202. Reissuance of final rule regarding gray wolves in Wyoming.
	<b>Subtitle T—Miscellaneous provisions</b>
No comparable provision	Sec. 2211. Prohibition on issuance of final rule.
No comparable provision	Sec. 2212. Withdrawal of existing rule regarding hunting and trapping in Alaska.
<b>Subtitle D - Critical Minerals</b>	<b>TITLE III—NATIONAL STRATEGIC AND CRITICAL MINERALS PRODUCTION ACT</b>
No comparable provision	Sec. 3001. Short title.
No comparable provision	Sec. 3002. Findings.
Sec. 3301. Definitions.	Sec. 3003. Definitions.
	<b>Subtitle A—Development of Domestic Sources of Strategic and Critical Minerals</b>
No comparable provision	Sec. 3011. Improving development of strategic and critical minerals.
Sec. 3305. Permitting.	Sec. 3012. Responsibilities of the lead agency.
No comparable provision	Sec. 3013. Conservation of the resource.
Sec. 3306. Federal Register process.	Sec. 3014. Federal register process for mineral exploration and mining projects.
	<b>Subtitle B—Judicial review of agency actions relating to Exploration and Mine Permits</b>
No comparable provision	Sec. 3021. Definitions for title.
No comparable provision	Sec. 3022. Timely filings.
No comparable provision	Sec. 3023. Right to intervene.
No comparable provision	Sec. 3024. Expedition in hearing and determining the action.
No comparable provision	Sec. 3025. Limitation on prospective relief.
No comparable provision	Sec. 3026. Limitation on attorneys' fees.
<b>No comparable provision</b>	<b>Subtitle C—Miscellaneous provisions</b>
	Sec. 3031. Secretarial order not affected.
<b>TITLE VI—INDIAN TRIBAL ENERGY DEVELOPMENT AND SELF-DETERMINATION</b>	<b>TITLE IV—NATIVE AMERICAN ENERGY ACT</b>
Sec. 6001. Short title.	Sec. 4001. Short title.
Sec. 6204. Appraisals.	Sec. 4002. Appraisals.



S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
No comparable provision	Sec. 4003. Standardization.
No comparable provision	Sec. 4004. Environmental reviews of major Federal actions on Indian lands.
No comparable provision	Sec. 4005. Judicial review.
Sec. 6202. Tribal biomass demonstration project.	Sec. 4006. Tribal biomass demonstration project.
No comparable provision	Sec. 4007. Tribal resource management plans.
Sec. 6205. Leases of restricted lands for Navajo Nation.	Sec. 4008. Leases of restricted lands for the Navajo Nation.
No comparable provision	Sec. 4009. Nonapplicability of certain rules.
<b>TITLE V—NORTHPORT IRRIGATION EARLY REPAYMENT</b>	
No comparable provision	Sec. 5001. Early repayment of construction costs.
<b>TITLE VI—OCMULGEE MOUNDS NATIONAL HISTORICAL PARK BOUNDARY REVISION ACT</b>	
No comparable provision	Sec. 6001. Short title.
No comparable provision	Sec. 6002. Definitions.
No comparable provision	Sec. 6003. Ocmulgee Mounds National Historical Park.
No comparable provision	Sec. 6004. Boundary adjustment.
No comparable provision	Sec. 6005. Land acquisition; no buffer zones.
No comparable provision	Sec. 6006. Administration.
No comparable provision	Sec. 6007. Ocmulgee River corridor special resource study.
<b>TITLE VII—MEDGAR EVERS HOUSE STUDY ACT</b>	
No comparable provision	Sec. 7001. Short title.
No comparable provision	Sec. 7002. Special resource study.
<b>TITLE VIII—SKY POINT MOUNTAIN DESIGNATION</b>	
No comparable provision	Sec. 8001. Findings.
No comparable provision	Sec. 8002. Sky Point.
<b>TITLE IX—CHIEF STANDING BEAR TRAIL STUDY</b>	
No comparable provision	Sec. 9001. Chief Standing Bear national historic trail feasibility study.
<b>TITLE X—JOHN MUIR NATIONAL HISTORIC SITE EXPANSION ACT</b>	
No comparable provision	Sec. 10001. Short title.
No comparable provision	Sec. 10002. John Muir National Historic Site land acquisition.
Sec. 10001. Arapaho National Forest boundary adjustment.	<b>TITLE XI—ARAPAHO NATIONAL FOREST BOUNDARY ADJUSTMENT ACT</b>

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
Sec. 10001. Arapaho National Forest boundary adjustment.	Sec. 11001. Short title.
Sec. 10001. Arapaho National Forest boundary adjustment.	Sec. 11002. Arapaho National Forest boundary adjustment.
	<b>TITLE XII—PRESERVATION RESEARCH AT INSTITUTIONS SERVING MINORITIES ACT</b>
No comparable provision	Sec. 12001. Short title.
No comparable provision	Sec. 12002. Eligibility of Hispanic-serving institutions and Asian American and Native American Pacific Islander-serving institutions for assistance for preservation education and training programs.
Sec. 10002. Land conveyance, Elkhorn Ranch and White River National	<b>TITLE XIII—ELKHORN RANCH AND WHITE RIVER NATIONAL FOREST CONVEYANCE ACT</b>
Sec. 10002. Land conveyance, Elkhorn Ranch and White River National	Sec. 13001. Short title.
Sec. 10002. Land conveyance, Elkhorn Ranch and White River National	Sec. 13002. Land conveyance, Elkhorn Ranch and White River National Forest, Colorado.
	<b>TITLE XIV—NATIONAL LIBERTY MEMORIAL CLARIFICATION ACT</b>
No comparable provision	Sec. 14001. Short title.
No comparable provision	Sec. 14002. Compliance with certain standards for commemorative works in establishment of National Liberty Memorial.
	<b>TITLE XV—CRAGS, COLORADO LAND EXCHANGE ACT</b>
Sec. 10003. Land exchange in Craggs, Colorado.	Sec. 15001. Short title.
Sec. 10003. Land exchange in Craggs, Colorado.	Sec. 15002. Purposes.
Sec. 10003. Land exchange in Craggs, Colorado.	Sec. 15003. Definitions.
Sec. 10003. Land exchange in Craggs, Colorado.	Sec. 15004. Land exchange.
Sec. 10003. Land exchange in Craggs, Colorado.	Sec. 15005. Equal value exchange and appraisals.
Sec. 10003. Land exchange in Craggs, Colorado.	Sec. 15006. Miscellaneous provisions.
	<b>TITLE XVI—REMOVE REVERSIONARY INTEREST IN ROCKINGHAM COUNTY LAND</b>
No comparable provision	Sec. 16001. Removal of use restriction.
	<b>TITLE XVII—COLTSVILLE NATIONAL HISTORICAL PARK</b>
No comparable provision	Sec. 17001. Amendment to Coltsville National Historical Park donation site.
	<b>TITLE XVIII—MARTIN LUTHER KING, JR. NATIONAL HISTORICAL PARK ACT</b>
No comparable provision	Sec. 18001. Short title.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
No comparable provision	Sec. 18002. Martin Luther King, Jr. National Historical Park.
No comparable provision	Sec. 18003. References.
	<b>TITLE XIX—EXTENSION OF THE AUTHORIZATION FOR THE GULLAH/GEECHEE CULTURAL HERITAGE CORRIDOR COMMISSION</b>
No comparable provision	Sec. 19001. Extension of the authorization for the Gullah/Geechee Cultural Heritage Corridor Commission.
	<b>TITLE XX—9/11 MEMORIAL ACT</b>
No comparable provision	Sec. 20001. Short title.
No comparable provision	Sec. 20002. Definitions.
No comparable provision	Sec. 20003. Designation of memorial.
No comparable provision	Sec. 20004. Competitive grants for certain memorials.
	<b>TITLE XXI—KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK BOUNDARY ADJUSTMENT ACT</b>
No comparable provision	Sec. 21001. Short title.
No comparable provision	Sec. 21002. Findings.
No comparable provision	Sec. 21003. Boundary adjustment; land acquisition; administration.
	<b>TITLE XXII—VEHICLE ACCESS AT DELAWARE WATER GAP NATIONAL RECREATION AREA</b>
No comparable provision	Sec. 22001. Vehicular access and fees.
No comparable provision	Sec. 22002. Definitions.
No comparable provision	Sec. 22003. Conforming amendment.
	<b>TITLE XXIII—GULF ISLANDS NATIONAL SEASHORE LAND EXCHANGE ACT</b>
No comparable provision	Sec. 23001. Short title.
No comparable provision	Sec. 23002. Land exchange, Gulf Islands National Seashore, Jackson County, Mississippi.
	<b>TITLE XXIV—KOREAN WAR VETERANS MEMORIAL WALL OF REMEMBRANCE ACT</b>
No comparable provision	Sec. 24001. Short title.
No comparable provision	Sec. 24002. Wall of Remembrance.
	<b>TITLE XXV—NATIONAL FOREST SMALL TRACTS ACT AMENDMENTS ACT</b>
No comparable provision	Sec. 25001. Short title.
No comparable provision	Sec. 25002. Additional authority for sale or exchange of small parcels of National Forest System land.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
	<b>TITLE XXVI—WESTERN OREGON TRIBAL FAIRNESS ACT</b>
No comparable provision	Sec. 26001. Short title.
	<b>Subtitle A—Cow Creek Umpqua Land Conveyance</b>
No comparable provision	Sec. 26011. Short title.
No comparable provision	Sec. 26012. Definitions.
No comparable provision	Sec. 26013. Conveyance.
No comparable provision	Sec. 26014. Map and legal description.
No comparable provision	Sec. 26015. Administration.
No comparable provision	Sec. 26016. Land reclassification.
	<b>Subtitle B—Coquille Forest Fairness</b>
No comparable provision	Sec. 26021. Short title.
No comparable provision	Sec. 26022. Amendments to Coquille Restoration Act.
	<b>Subtitle C—Oregon Coastal Lands</b>
No comparable provision	Sec. 26031. Short title.
No comparable provision	Sec. 26032. Definitions.
No comparable provision	Sec. 26033. Conveyance.
No comparable provision	Sec. 26034. Map and legal description.
No comparable provision	Sec. 26035. Administration.
No comparable provision	Sec. 26036. Land reclassification.
	<b>DIVISION D—SCIENCE</b>
	<b>TITLE V—DEPARTMENT OF ENERGY SCIENCE</b>
Sec. 4404. Under Secretary for Science and Energy.	Sec. 501. Mission.
No comparable provision	Sec. 502. Basic energy sciences.
Sec. 2401. Exascale computer research program.	Sec. 503. Advanced scientific computing research.
Sec. 4207. National Science and Technology Council coordinating subcommittee for high-energy physics.	Sec. 504. High energy physics.
No comparable provision	Sec. 505. Biological and environmental research.
No comparable provision	Sec. 506. Fusion energy.
No comparable provision	Sec. 507. Nuclear physics.
No comparable provision	Sec. 508. Science laboratories infrastructure program.
No comparable provision	Sec. 509. Domestic manufacturing.
Sec. 4201(a). America COMPETES programs.	Sec. 510. Authorization of appropriations.
No comparable provision	Sec. 511. Definitions.
	<b>TITLE VI—DEPARTMENT OF ENERGY APPLIED RESEARCH AND DEVELOPMENT</b>

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
<b>Subtitle A—Crosscutting Research and Development</b>	
No comparable provision	Sec. 601. Crosscutting research and development.
No comparable provision	Sec. 602. Strategic research portfolio analysis and coordination plan.
No comparable provision	Sec. 603. Strategy for facilities and infrastructure.
No comparable provision	Sec. 604. Energy Innovation Hubs.
<b>Subtitle B—Electricity Delivery and Energy Reliability Research and Development</b>	
No comparable provision	Sec. 611. Distributed energy and electric energy systems.
No comparable provision	Sec. 612. Electric transmission and distribution research and development.
<b>Title III - Subtitle F—Nuclear</b>	
<b>Subtitle C—Nuclear Energy Research and Development (See also House Division D - Sec. 714; and TITLE XXXIII—NUCLEAR ENERGY INNOVATION CAPABILITIES - Secs. 3301-3311)</b>	
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 621. Objectives.
No comparable provision	Sec. 622. Program objectives study.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 623. Nuclear energy research and development programs.
No comparable provision	Sec. 624. Small modular reactor program.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 625. Fuel cycle research and development.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 626. Nuclear energy enabling technologies program.
No comparable provision	Sec. 627. Technical standards collaboration.
Sec. 4406. Research grants database.	Division D - Sec. 628. Available facilities database.
<b>Subtitle D—Energy Efficiency and Renewable Energy Research and Development</b>	
No comparable provision (related provision in Senate Sec. 1306)	Sec. 641. Energy efficiency.
No comparable provision	Sec. 642. Next Generation Lighting Initiative.
No comparable provision	Sec. 643. Building standards.
No comparable provision	Sec. 644. Secondary electric vehicle battery use program.
No comparable provision	Sec. 645. Network for Manufacturing Innovation Program.
No comparable provision	Sec. 646. Advanced Energy Technology Transfer Centers.
No comparable provision	Sec. 647. Renewable energy.
No comparable provision	Sec. 648. Bioenergy program.
No comparable provision	Sec. 649. Concentrating solar power research program.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
No comparable provision	Sec. 650. Renewable energy in public buildings.
	<b>Subtitle E—Fossil Energy Research and Development</b>
Sec. 3402. Fossil energy.	Sec. 661. Fossil energy.
Sec. 3403. Establishment of coal technology program.	Sec. 662. Coal research, development, demonstration, and commercial application programs.
No comparable provision	Sec. 663. High efficiency gas turbines research and development.
	<b>Subtitle F—Advanced Research Projects Agency—Energy</b>
SEC. 4201(b). America COMPETES programs.	Sec. 671. ARPA–E amendments.
	<b>Subtitle G—Authorization of appropriations</b>
SEC. 4201(a). America COMPETES programs.	Sec. 681. Authorization of appropriations.
	<b>Subtitle H—Definitions</b>
No comparable provision	Sec. 691. Definitions.
	<b>TITLE VII—DEPARTMENT OF ENERGY TECHNOLOGY TRANSFER</b>
	<b>Subtitle A—In General</b>
No comparable provision	Sec. 701. Definitions.
No comparable provision	Sec. 702. Savings clause.
	<b>Subtitle B—Innovation Management at Department of Energy</b>
No comparable provision	Sec. 712. Technology transfer and transitions assessment.
Sec. 4203. Supporting access of small business concerns to National Laboratories.	Sec. 713. Sense of Congress.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 714. Nuclear energy innovation. (See also House Division D - Title VI, Subtitle C—Nuclear Energy Research and Development - Secs. 621-628; and TITLE XXXIII—NUCLEAR ENERGY INNOVATION CAPABILITIES - Secs. 3301-3311)
	<b>Subtitle C—Cross-Sector Partnerships and Grant Competitiveness</b>
No comparable provision	Sec. 721. Agreements for Commercializing Technology pilot program.
No comparable provision	Sec. 722. Public-private partnerships for commercialization.
Sec. 4202. Inclusion of early stage technology demonstration in authorized technology transfer activities.	Sec. 723. Inclusion of early-stage technology demonstration in authorized technology transfer activities.
Sec. 441 I. Study of waivers of certain cost-sharing requirements.	Sec. 724. Funding competitiveness for institutions of higher education and other nonprofit institutions.
No comparable provision	Sec. 725. Participation in the Innovation Corps program.

S. 2012 (Engrossed in Senate)	S. 2012 (Engrossed House Amendment)
	<b>Subtitle D—Assessment of Impact</b>
No comparable provision	Sec. 731. Report by Government Accountability Office.
	<b>TITLE XXXIII—NUCLEAR ENERGY INNOVATION CAPABILITIES (See also House Division D - Title VI, Subtitle C—Nuclear Energy Research and Development - Secs. 621-628; and Sec. 714.)</b>
No comparable provision	Sec. 3301. Short title.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 3302. Nuclear energy.
No comparable provision	Sec. 3303. Nuclear energy research programs.
No comparable provision	Sec. 3304. Advanced fuel cycle initiative.
Sec. 4721. Elimination and consolidation of certain America COMPETES programs.	Division D - Sec. 3305. University nuclear science and engineering support.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 3306. Department of Energy civilian nuclear infrastructure and facilities.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 3307. Security of nuclear facilities.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 3308. High-performance computation and supportive research.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 3309. Enabling nuclear energy innovation.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 3310. Budget plan.
Sec. 3501. Nuclear energy innovation capabilities.	Sec. 3311. Conforming amendments.

**Source:** CRS analysis.

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