

[The Library of Congress](#) > [THOMAS Home](#) > [Bills, Resolutions](#) > Search Results

<i>THIS SEARCH</i>	<i>THIS DOCUMENT</i>	<i>GO TO</i>
Next Hit	Forward	New Bills Search
Prev Hit	Back	HomePage
Hit List	Best Sections	Help
	Contents Display	

S.1733

Clean Energy Jobs and American Power Act (Introduced in Senate)

>

TITLE II--PROGRAM ALLOCATIONS

SEC. 201. INVESTMENT IN CLEAN VEHICLE TECHNOLOGY.

(a) Establishment of Fund- There is established in the Treasury a separate account, which shall be known as the `Clean Vehicle Technology Fund'.

(b) Auction Proceeds- The Administrator shall deposit the proceeds of the auction conducted pursuant to section 771(b)(3) of the Clean Air Act in the Clean Vehicle Technology Fund.

(c) Availability of Amounts- Of the amounts deposited in the Clean Vehicle Technology Fund--

(1) 80 percent shall be available to the Secretary of Energy to support--

(A) the development and demonstration of a national transportation low-emissions energy plan; and

(B) the use of plug-in electric drive vehicles, including medium- and heavy-duty motor vehicles (including transit vehicles) and other advanced technology vehicles (as defined in sections 131 and 136 of the Energy Independence and Security Act of 2007 (42 U.S.C. 17011, 17013)) that are developed and produced in the United States; and

(2) 20 percent of the amounts shall be available to the Administrator for use in providing grants authorized under subtitle G of title VII of the Energy Policy Act of 2005 (42 U.S.C. 16131 et seq.).

(d) Pilot Program-

(1) IN GENERAL- Of the amounts deposited in accordance with (c)(1), the Secretary of Energy shall use not more than 5 percent to develop a national transportation low-emissions energy plan that shall--

(A) project the near- and long-term need for and location of electric drive vehicle refueling infrastructure at strategic locations across all major national highways, roads, and corridors;

(B) identify infrastructure and standardization needs for electricity providers, infrastructure providers, vehicle manufacturers, and electricity purchasers;

(C) establish an aspirational goal of achieving strategic deployment of electric vehicle infrastructure by 2020;

(D) be developed by the Secretary with the involvement of all relevant stakeholders; and

(E) prioritize the development of--

(i) standardized public charge access ports with wireless or smart card billing capability; and

(ii) level I and level II charge port systems (that charge an electric vehicle over a period of 8 to 14 hours and 4 to 8 hours, respectively) that will meet the energy requirements of the majority of plug-in hybrid and battery electric vehicles;

(F) examine the feasibility of level III charge port systems that can charge an electric vehicle over a period of 10 to 20 minutes; and

(G) focus on infrastructure that provides consumers with the lowest cost while providing convenient charge system access.

(2) ELECTRIC DRIVE DEMONSTRATION PROJECTS-

(A) IN GENERAL- The Secretary shall establish pilot projects to demonstrate electric drive vehicles and infrastructure.

(B) REQUIREMENTS- The Secretary shall--

(i) establish the pilot projects described in subparagraph (A) after publication of the plan developed under paragraph (1);

(ii) use the plan to determine which regions of the United States are most ready to demonstrate electric vehicle infrastructure;

(iii) carry out the pilot projects under this paragraph in different regions of the United States; and

(iv) ensure that--

(I) at least 1 pilot project is carried out in a rural region of the United States; and

(II) at least 1 pilot project is focused on freight issues.

(3) FINANCIAL RESOURCES- In carrying out the pilot projects under paragraph (2), the Secretary shall coordinate the use of appropriate financial

incentives, grant programs, and other Federal financial resources to ensure that electric infrastructure delivery entities are able to participate in the pilot projects.

(4) LEEP COORDINATOR- The Secretary may designate 1 full-time position within the Department of Transportation, to be known as the 'LEEP coordinator', with responsibility to oversee--

(A) the development of the plan under paragraph (1); and

(B) the implementation of the pilot projects under paragraph (2).

SEC. 202. STATE AND LOCAL INVESTMENT IN ENERGY EFFICIENCY AND RENEWABLE ENERGY.

(a) Definitions- For purposes of this section:

(1) ALLOWANCE- The term 'allowance' means an emission allowance established under section 721 of the Clean Air Act.

(2) INDIAN TRIBE- The term 'Indian tribe' has the meaning given the term in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450b).

(3) VINTAGE YEAR- The term 'vintage year' has the meaning given the term in section 700 of the Clean Air Act.

(b) Distribution Among Indian Tribes, States, Local Governments, Metropolitan Planning Organizations and Renewable Electricity Generations- The Administrator shall, in accordance with this section, distribute allowances allocated pursuant to section 771(a)(8) of the Clean Air Act for the following vintage year. The Administrator, after consultation with the Secretary of the Interior, shall distribute not less than 1 percent of such allowances to Indian tribes. The Administrator, after consultation with the Secretary of Energy and the with the assistance of the Secretary of Transportation, shall distribute the remaining allowances among the States, local governments, metropolitan planning organizations, and renewable electricity generations under this section each year in accordance with the following formula:

(1) 62.5 percent of the allowances shall be provided to the States, of which--

(A) 30 percent shall be divided equally among the States;

(B) 30 percent shall be distributed on a pro rata basis among the States based on the population of each State, as contained in the most recent reliable census data available from the Bureau of the Census for all States at the time at which the Administrator calculates the formula for distribution;

(C) 30 percent shall be distributed on a pro rata basis among the States on the basis of the energy consumption of each State, as contained in the most recent State Energy Data Report available from the Energy

Information Administration (or such alternative reliable source as the Administrator may designate); and

(D) 10 percentage shall be provided to the States based on an energy-efficiency formula developed by the Administrator, which formula shall be--

(i) based on--

(I) weather-adjusted criteria; and

(II) performance-based metrics that measure each State's success at decreasing energy consumption or increasing energy efficiency--

(aa) on a per capita basis in the residential sector; and

(bb) on an energy consumption per square-foot basis in the commercial sector; and

(ii) updated every 3 years.

(2) 25 percent of the allowances shall be provided to local governments for energy conservation and efficiency grants.

(3) 10 percent of the allowances shall be reserved by the Secretary of Transportation for grants to States and metropolitan planning organizations for greenhouse gas reduction programs in the transportation sector.

(4) 2.5 percent of the allowances shall be provided to renewable energy generating companies with a capacity of 20 megawatts or greater exclusively for the generation of renewable energy. The Administrator, in consultation with the Secretary of Energy, shall award allocations to renewable energy generation companies based on the number of megawatt-hours the company generates and the technology used. The Administrator shall promulgate such regulations as are appropriate to carry out this paragraph.

(c) Uses- The allowances distributed to each State, local government, and metropolitan planning organization pursuant to this section shall be used exclusively in accordance with the following requirements:

(1) ALLOCATION TO STATES- Allowances allocated to the States under subsection (b)(1) shall be for the following purposes and be used in accordance with the following conditions:

(A) PURPOSES-

(i) ENERGY EFFICIENCY PROGRAMS- Not less than 35 percent shall be used exclusively for--

(I) implementation and enforcement of building codes;

(II) implementation of the energy-efficient manufactured homes program;

(III) implementation of building energy performance labeling; and

(IV) low-income community energy efficiency programs.

(ii) RENEWABLE ENERGY PROGRAMS- Renewable energy programs for capital grants, production incentives, loans, loan guarantees, forgivable loans, direct provision of allowances, and interest rate buy-downs for--

(I) re-equipping, expanding, or establishing a manufacturing facility that receives certification from the Secretary of Energy pursuant to section 48C of the Internal Revenue Code of 1986 for the production of--

(aa) property designed to be used to produce energy from renewable energy sources; and

(bb) electricity storage systems;

(II) deployment of technologies to generate electricity from renewable energy sources; and

(III) deployment of facilities or equipment, such as solar panels, to generate electricity or thermal energy from renewable energy resources in and on buildings in an urban environment.

(iii) IMPROVEMENT IN ELECTRICITY TRANSMISSION- Improvement in electricity transmission for 1 or more of the following purposes:

(I) State implementation of electricity transmission planning and siting activities that facilitate renewable energy development, including facilitation of landowner negotiations for transmission of right-of-way leasing or other contractual arrangements.

(II) Grants to nonprofit organizations that facilitate negotiations for transmission right-of-way leasing or other contractual agreements between landowners and developers.

(III) State or regional studies of renewable energy zones and resources with insufficient transmission capacity, including geographical identification of potential renewable energy sites, environmental reviews, and land use or coastal zone constraints.

(IV) Grants to support landowner associations' and other nonprofit organizations' participation in State and Federal siting processes, including such associations' studies of renewable energy feasibility and benefits and associated data collection.

(V) Grants to landowners or landowner associations or nonprofit organizations for mitigation of impacts on property or ecosystems due to transmission projects that are part of an interconnection-wide plan focused on facilitating renewable energy development.

(VI) Training for State regulatory authority staff and local workforces relating to renewable energy generation resources and storage, smart grid, or new transmission technologies.

(VII) Grants to transmission providers for transmission improvements (including smart grid investments) that benefit consumers.

(VIII) Grants to transmission providers for security upgrades to the transmission system and authorized uses under title XIII of the Energy Independence and Security Act of 2007 (42 U.S.C. 17381 et seq.).

(IX) Grants to develop energy storage, reliability, or distributed renewable generation projects.

(iv) END-USE CONSUMERS- Cost-effective energy efficiency programs for end-use consumers of electricity, natural gas, home heating oil, or propane, including, where appropriate, programs or mechanisms administered by local governments and entities other than the State.

(v) RETROFITS AND HOUSING INVESTMENTS- Energy retrofits and green investments in subsidized housing based on standards to ensure that investments are cost-effective, taking into account reductions in future use of energy and other utilities, and the extent to which such retrofits and investments address repair and replacement needs that may otherwise need to be addressed with other forms of assistance. As a condition of such funding, the recipient shall commit to an additional period of affordability of not fewer than 15 years, covering all units for which such grants and loans are used.

(vi) THERMAL ENERGY EFFICIENCY- Not less than 2 percent shall be used for thermal energy efficiency projects that provide district thermal energy through a network of pipes from 1 or more central plants to at least 2 or more buildings, combined heat and power that produces electricity and thermal energy with a minimum 60 percent overall efficiency on a lower-heating value basis, or recoverable waste energy (including mechanical, thermal, or electrical energy) that, if not for recovery, would be wasted and may be recovered or generated through modification of an existing facility or addition of a new facility. Allocations may be used for planning, engineering, and feasibility studies as well as project construction and development. Such projects shall--

(I) reduce or avoid greenhouse gas emissions; and

(II)(aa) produce thermal energy from renewable energy resources or natural cooling sources;

(bb) capture and productively use thermal energy from an electric generation facility;

(cc) integrate new electricity generation into an existing district energy system;

(dd) capture and productively uses surplus thermal energy from an industrial or municipal process (such as wastewater treatment); or

(ee) distribute and transfer to buildings the thermal energy from the energy sources described in items (aa) through (dd).

(vii) SMART GRID DEVELOPMENT- Enabling the development of a Smart Grid (as described in section 1301 of the Energy Independence and Security Act of 2007 (42 U.S.C. 17381)) for State, local government, and other public buildings and facilities, including integration of renewable energy resources and distributed generation, demand response, demand-side management, and systems analysis.

(B) CONDITIONS-

(i) IN GENERAL- The States shall prioritize expansion of existing energy efficiency programs approved and overseen by the State or the appropriate State regulatory authority.

(ii) SUPPLEMENTATION- The States shall demonstrate that such allowances have been used to supplement, and not to supplant, existing and otherwise available State, local, and ratepayer funding for such purpose.

(2) ENERGY CONSERVATION AND EFFICIENCY- Allowances allocated to local governments under subsection (b)(2) shall be used exclusively for energy conservation and efficiency purposes specified under section 543 of the Energy Independence and Security Act of 2007 (42 U.S.C. 17153).

(3) STATE AND MPO GRANTS- Allocation to the Secretary of Transportation for grants to States and metropolitan planning organizations under subsection (b)(3) shall be used exclusively for the Transportation Greenhouse Gas Reduction program in accordance with sections 831 and 832 of the Clean Air Act.

(d) Reporting- Each Indian tribe, State, local government, metropolitan planning organization, and renewable electricity generating company directly receiving allowances or allowance value under this section shall submit to the Administrator a report that contains a list of entities receiving allowances or allowance value under this section.

(e) Enforcement- If the Administrator determines that an Indian tribe, State, local government, metropolitan planning organization, or renewable electricity generation company is not in compliance with this section, the Administrator may withhold up to twice the number of allowances or allowance value that the Indian tribe, State, local government, metropolitan planning organization, or renewable electricity generation company failed to use in accordance with the requirements of this section, that such Indian tribe, State, local government, metropolitan planning organization, or renewable electricity generation companies would otherwise be eligible to receive under this section in later years. Allowances withheld pursuant to this subsection shall be distributed among the remaining Indian tribes, States, local governments, metropolitan planning organizations, and renewable electricity generation companies in accordance with subsection (b).

SEC. 203. ENERGY EFFICIENCY IN BUILDING CODES.

The Administrator shall distribute emission allowances allocated for the following vintage year pursuant to section 771(a)(9) of the Clean Air Act among the States in accordance with the formula described in section 202 of this division exclusively for the purpose of section 163 of division A.

SEC. 204. BUILDING RETROFIT PROGRAM.

The Administrator shall distribute emission allowances allocated for the following vintage year pursuant to section 771(a)(10) of the Clean Air Act among the States in accordance with the formula described in section 202 of this division exclusively for the purpose of section 164 of division A.

SEC. 205. ENERGY INNOVATION HUBS.

(a) Purpose- The Secretary shall carry out a program in accordance with this section to establish Energy Innovation Hubs to enhance the economic, environmental, and energy security of the United States by promoting commercial application of clean, indigenous energy alternatives to oil and other fossil fuels, reducing greenhouse gas emissions, and ensuring that the United States maintains a technological lead in the development and commercial application of state-of-the-art energy technologies.

(b) Distribution of Allowances to Energy Innovation Hubs- The Secretary shall, in accordance with the requirements of this section, distribute to eligible consortia allowances allocated for the following vintage year under section 772(a)(11) of the Clean Air Act.

SEC.

THIS SEARCH

Next Hit

Prev Hit

Hit List

THIS DOCUMENT

[Forward](#)

[Back](#)

[Best Sections](#)

[Contents Display](#)

GO TO

[New Bills Search](#)

[HomePage](#)

[Help](#)

[THOMAS Home](#) | [Contact](#) | [Accessibility](#) | [Legal](#) | [USA.gov](#)