



March 2021

Summary of Title V, Section 811, and Title X of the Climate Leadership and Environmental Action for our Nation's (CLEAN) Future Act

COMMITTEE ON ENERGY & COMMERCE

TITLE V—INDUSTRY

Subtitle A—Industrial Technology Development, Demonstration, and Deployment

Sec. 501. DOE ASSISTANT SECRETARY FOR MANUFACTURING AND INDUSTRY.

Amends the Department of Energy Organization Act to establish an Assistant Secretary of Energy for Manufacturing and Industrial Decarbonization to oversee programs related to manufacturing at DOE.

SEC. 502. SUPPORTING CARBON DIOXIDE GEOLOGIC SEQUESTRATION.

Increases funding for injection well permitting at EPA by increasing authorization for activities involved in permitting Class VI wells and providing grants to states to defray the costs of establishing and operating their own Class VI permitting programs.

Sec. 503. DETERMINING REASONABLE PROSPECT OF REPAYMENT UNDER TITLE XVII LOAN PROGRAM.

Amends EPACT05 section 1702 to modernize how DOE's Loan Program Office evaluates an applicant's prospects of repayment.

Sec. 504. CLEAN ENERGY MANUFACTURING GRANT PROGRAM.

Authorizes \$10 billion, to remain available until expended, to provide grants to reequip, expand, and establish facilities to support manufacturing of clean energy technologies and components. Grants may also be provided to facilities manufacturing certain energy-intensive, low-emissions industrial products, including steel and cement.

Subtitle B—Industrial Efficiency

Sec. 511. SMART MANUFACTURING LEADERSHIP.

Directs DOE to assist small and medium manufacturers implementing smart manufacturing practices, using existing technical assistance programs and smart manufacturing infrastructure at the National Labs. Authorizes \$10 million per year from FY 2022-2031 for DOE to make grants to states for supporting smart manufacturing technologies implementation.

Subtitle C—Federal Buy Clean Program

Sec. 521. DEFINITIONS.

Defines terms used in this subtitle.

Sec. 522. EMBODIED EMISSIONS TRANSPARENCY.

Directs the EPA Administrator, in consultation with the Secretary of Energy, the Director of the National Institute of Standards and Technology and the National Labs, to establish a program to enhance the transparency, quality, and availability of life cycle assessment data used to calculate GHG emissions of a product made primarily of eligible materials in an environmental product declaration.

The Administrator must maintain a list of eligible materials for the Federal Buy Clean Program, which can be modified in response to a petition. Directs the Administrator, in consultation with the Secretary of Energy, the Director of the National Institute of Standards and Technology and the National Labs, to designate a single product category rule – developed by EPA or a third party – for products made primarily of eligible materials to be used in creating environmental product declarations. The product category rule designations must be reviewed every five years and updated as necessary and can be reviewed more frequently in response to a petition.

The Administrator is also required to establish a National Environmental Product Declaration Database for products made primarily of eligible materials, including imported products. The database can only include environmental product declarations that were created using designated product category rules. To aid manufacturers of products made primarily of eligible materials, the section establishes a technical assistance program to help develop and verify environmental product declarations and a grant program for small businesses.

This section also directs the Administrator to conduct a review and assessment of the quality and efficacy of environmental product declarations as a mechanism to account for the embodied emissions of products made primarily of eligible materials. The Administrator shall consider alternative mechanisms and provide an opportunity for public comment.

Sec. 523. REPORTS TO CONGRESS.

Directs the EPA Administrator to produce and transmit to Congress a report that quantifies and evaluates the level of spending and volume of eligible materials procured by the federal government. The Administrator, in consultation with DOE and other relevant agencies, is further directed to produce and transmit to Congress a report that reviews current research and policy recommendations for improving material efficiency of eligible materials.

Sec. 524. ESTABLISHING BUY CLEAN STANDARDS FOR FEDERALLY FUNDED INFRASTRUCTURE PROJECTS.

Directs the EPA Administrator and the Secretary of Energy, in coordination with relevant Federal agencies, to develop a Federal Buy Clean Program to steadily reduce the quantity of embodied emissions of construction materials and products and promote the use of clean construction materials and products in projects supported by federal funds.

In developing the program, the Administrator and the Secretary of Energy shall consider: inclusion of materials, product categories, and project types; effective methods of developing Buy Clean performance standards taking into account the diversity of the sector, and complexities associated with manufacturing products made primarily of eligible materials; how best to cover state projects that use Federal funds; effective enforcement and penalties; technical and financial assistance needs; and harmonization with other programs in the subtitle. The Administrator and Secretary must also solicit input from relevant stakeholders and organizations.

Sec. 525. CLIMATE STAR PROGRAM.

Amends EPCA to add a section 324C, Climate Star Program. EPA and DOE are directed to establish a voluntary labeling program to identify and promote products with significantly lower embodied emissions than comparable products, while meeting strict performance criteria, in order to reduce GHG emissions and encourage use of products with lower embodied emissions.

Amends NECPA to add a section 554, Federal Procurement of Climate Star Products. Requires agencies to procure Climate Star Products, and to include Climate Star Products in procurement planning. Climate Star

Products must also be listed in any inventory of products by the General Services Administration or Defense Logistics Agency.

Subtitle D—Industrial Efficiency Incentives

Sec. 531. PURPOSES.

Defines the purposes for this subtitle.

Sec. 532. SUSTAINABLE INDUSTRY REBATE PROGRAM.

Directs DOE to establish a Sustainable Industry Rebate Program to assist non-power industrial facilities in making upgrades to improve energy and water efficiency and reduce greenhouse gas emissions. The Secretary must establish and maintain an online Sustainable Industry Database with relevant information about the program, including a list of qualified technologies eligible for rebates and instructions for participating in the program. Qualified entities with over 500 employees are eligible for a rebate that is 25 percent of the overall cost of a qualified technology, and qualified entities with under 500 employees are eligible for a 40 percent rebate. Qualified entities can also apply for additional rebates for qualified technologies made in America, that facilitate the switch to a low- or zero-carbon energy source, and that are used to manufacture Carbon Star products. Authorizes \$1 billion per year from FY 2022-2031.

Sec. 533. INDUSTRIAL EFFICIENCY WORKING GROUP.

Establishes the Industrial Efficiency Working Group, made up of government and academic experts and relevant stakeholders, to develop and maintain a comprehensive list of qualified technologies eligible for a rebate in section 532.

he development of clean energy microgrids. Authorizes \$50 million for technical assistance and outreach grants per year from FY 2022-2031. Authorizes \$1.5 billion for grants for projects per year from FY 2022-2031.

TITLE VIII—ECONOMY-WIDE POLICIES

Subtitle B—Clean Energy and Sustainability Accelerator

Sec. 811. CLEAN ENERGY AND SUSTAINABILITY ACCELERATOR.

Amends Title XVI of EPACT05 to establish a nonprofit Clean Energy and Sustainability Accelerator. Defines terms used in this subtitle. Authorizes the Accelerator to provide financing to help rapidly deploy technologies to reduce emissions in the United States. The Accelerator will mobilize public and private investment to provide financing for low- and zero-emissions energy technologies; renewable energy generation; building efficiency and electrification; industrial decarbonization; grid modernization; agriculture projects; clean transportation; and climate-resilient infrastructure.

Authorizes the Accelerator's finance and investment division to provide financing through debt, credit enhancements, aggregation and warehousing, equity capital, and other financial products approved by its Board of Directors. Establishes a Startup Division to provide technical assistance and startup operating funds to launch new state and local green banks where they do not yet exist. Authorizes the Accelerator to explore establishing a loan program to support schools, metropolitan planning organizations, or nonprofit organizations seeking financing for zero-emissions vehicle fleets and related infrastructure, as well as a program to expedite the transition to zero-emissions electricity generation in the power sector.

Directs the Accelerator to prioritize investments in communities that are disproportionately affected by the impacts of climate change and other environmental hazards, including by ensuring that at least 40 percent of its investment activity serve these communities. Requires all investments to be accompanied by strong labor protections, including prevailing wage standards and project labor agreements for projects with capital costs greater than \$100 million.

Outlines the structure and composition of the Accelerator's Board of Directors, including provisions regarding the Board's bylaws and describing qualifications for its members. Authorizes appropriations of \$50 billion for the first fiscal year in which the Accelerator is established and \$10 billion for each of the five successive fiscal years, for a total of \$100 billion in authorized funding.

TITLE X—WORKER AND COMMUNITY TRANSITION

Sec. 1001. DEFINITIONS.

Defines terms used in this title.

Sec. 1002. ENERGY AND ECONOMIC TRANSITION IMPACT STUDIES.

Requires DOE to enter into an agreement with the NAS to conduct a study on matters concerning the potential impacts of achieving net-zero GHG emissions on workers and communities dependent on employment related to fossil fuels.

Sec. 1003. OFFICE OF ENERGY AND ECONOMIC TRANSITION.

Establishes an office in the Executive Office of the President, led by a Director, to advise the President, coordinate Federal policies concerning worker and community transition, and carry out the programs set forth in this title. Authorizes such sums as may be necessary to carry out this section.

Sec. 1004. INTERAGENCY ENERGY AND ECONOMIC TRANSITION TASK FORCE.

Establishes an interagency task force, led by the Director of the Office of Energy and Economic Transition, to enhance the coordination of relevant programs and activities intended to support workers and communities adversely affected by the nation's energy transition, with an emphasis on economic development and diversification activities in adversely affected communities.

Sec. 1005. STAKEHOLDER ADVISORY COMMITTEE.

Establishes a stakeholder advisory committee to enhance consultation with representatives of adversely affected communities and workers, as well as industry, labor unions, economic development experts, State, local, and tribal governments, and other organizations and individuals to address the needs of workers and communities affected by the nation's energy transition and carry out this title. The Committee, working in conjunction with community-based transition hubs funded under section 1007 of this title, is required to hold public meetings in adversely affected communities.

Sec. 1006. ASSISTANCE FOR ADVERSELY AFFECTED COMMUNITIES.

Establishes a program, managed by the Director of the Office of Energy and Economic Transition, to aid local government entities that have lost significant amounts of revenue due to the nation's transition to net-zero GHG emissions. A local government entity may be eligible for the program if it has one or more affected employers cease operations within its jurisdiction resulting in a loss of at least 25 percent of total revenue of the entity. Eligible local government entities can receive an annual payment for no more than eight years, equal to 90 percent of the lost local revenue in years one and two. That amount declines to 75 percent in years three and four, 50 percent in years five and six, and 25 percent in years seven and eight. The Director may also award grants to assist local government entities that are, or are likely to become, eligible for

community adjustment assistance under this section to plan for such assistance. Authorizes such sums as may be necessary to carry out this section.

Sec. 1007. COMMUNITY-BASED TRANSITION HUB PROGRAM.

Establishes a program, managed by the Director of the Office of Energy and Economic Transition, to award grants to entities to support workers and communities receiving, or likely to receive, assistance under section 1006 of this title. Community-based transition hubs will be located within affected communities. Such hubs are responsible for: advising workers and communities in applying and planning for assistance; conducting education and outreach activities; providing information on locally available training, counseling, and employment opportunities and wraparound services; and facilitating enrollment in training and educational programs, among other duties. An entity may receive up to \$12 million in grant funding over six years. Authorizes such sums as may be necessary to carry out this section.