



What is the Future of Renewable Energy?

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Congress Says the Answer Is -

- Climate Leadership and Environmental Action for our Nation's Future (CLEAN) Act
- Goal – Net zero greenhouse gas pollution by 2050
- Targets set by the U.N. Intergovernmental Panel on Climate Change



Impact on the Power Sector

- Establishes a nationwide Clean Electricity Standard (CES)
- All retail electricity suppliers to obtain 100% clean electricity by 2035
- CES requires all workers to be paid prevailing wages for the construction of participating new electricity generation



Impact on the Building Sector

- The CLEAN Future Act improves the efficiency of new and existing buildings by establishing national energy savings targets
- The Act sets energy and water savings targets for federal buildings
- The Act also provides funding for schools, homes and municipal buildings to improve energy and water efficiency



Impact on the Transportation Sector

- The CLEAN Future Act reduces transportation emissions by making substantial investments in transportation electrification
- The Act updates financing programs to expand domestic manufacturing of advanced automotive technologies
- Establishes a grant program within the U.S. EPA to decarbonize and electrify ports around the country



Impact on the Industrial Sector

- The CLEAN Future Act establishes a Buy Clean Program that sets targets to reduce emissions from construction materials
- The Act incorporates new Climate Star Labeling so that disclosure is made to those who procure carbon-intensive products
- The program will strengthen the U.S. manufacturing sector while reducing climate pollution by promoting low-carbon materials



National Climate Target for Federal Agencies

The CLEAN Future Act directs all federal agencies to put the country on a path toward –

- 50% reduction in greenhouse gas pollution from 2005 levels by no later than 2030; and
- Net zero no later than 2050

Clean Economy Federal Advisory Committee – to provide oversight

State Climate Plans

- The CLEAN Future Act empowers states to transition to a net zero economy
- Each state must submit a climate plan to the EPA for review and approval
- The Act authorizes \$200 million to help states prepare their plans





Clean Energy and Sustainability Accelerator

- Capitalized with \$100 billion in funding
- Provide investment capital to finance low-and-zero-emissions energy technologies
- Priority projects will be in communities most adversely impacted by climate change



Worker and Community Transition

- Creation of Office of Energy and Economic Transition
- Purpose to ensure every worker and community has federal-level support during transition to net zero climate pollution
- New programs to support dislocated workers and assistance to local governments



Environmental Justice

- Environmental justice is part of the mission of all federal agencies
- Investments to protect the health and safety of communities
- Community participation in the permitting and regulation of petrochemical facilities and hazardous waste disposal facilities



Questions?

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