MARTIN HEINRICH
UNITED STATES SENATOR for NEW MEXICO

ELECTRIFYING AMERICA'S FUTURE

Electrifying our homes and businesses is one of the surest climate actions that we can take right now. We can create millions of new jobs, reduce our energy bills, and improve air quality and public health.

PURPOSE

The **Electrifying America's Future Resolution** advances the vision of widespread electrification of appliances and machines in American homes and businesses. This is a way to use already existing, proven technologies to dramatically reduce carbon pollution, create millions of new, good-paying jobs, and secure a better, more equitable future for our communities.

The United States must seize this opportunity by adopting policies to accelerate the electrification of households, buildings, and businesses. To power these new electrified machines, and to meet our carbon emission goals, the United States must also modernize the electricity grid, build much more clean energy generation, and continue on the path towards decarbonizing the entire electricity sector by 2035.

The Electrifying America's Future Resolution outlines how widespread electrification will address climate change, put millions of Americans to work, and advance an equitable economy and strong labor standards. By modernizing the power grid and building a clean and carbon-free energy economy, the United States will become a leader in advanced 21st century industries and a net exporter of clean energy.

HIGHLIGHTS

The resolution calls for:

- Electrifying the activities of high-emissions sectors, such as the residential and commercial construction, transportation, and industrial sectors
- Increasing the deployment of zero-emission electricity resources
- Expanding interregional transmission capacity and planning to promote widespread and reliable zero-emission electrification
- Adopting and expanding the use of technologies and processes that will make the electric power grid more resilient, reliable, and efficient
- Improving commercial, infrastructural, and manufacturing capacity for zero-emission electrification
- Lowering total energy costs for households and businesses
- Increasing the available financing for zero-emission electrification supporting technologies at all scales, from utility-scale power stations and transmission lines to individual homes and businesses
- Creating accessible financing mechanisms to make electrification projects affordable for all households
- Improving quality and access for higher education, vocational training, and certification programs for electrification workers, including low-income workers and people of color
- Facilitating the modernization of Federal, State, and local building, electric, and other codes to encourage the adoption of low-cost zero-emission electricity resources
- Investing in energy efficiency programs paired with electrification measures
- Investing in achieving full access to zero-emission electricity for rural and Tribal communities through a combination of new transmission and distribution, and new generation, such as through distributed solar and microgrids

- Pursuing a Federal Government-wide approach to zero-emission electrification
- Increasing understanding of the health impacts of indoor and outdoor air pollution created by fossil fuel appliances and electricity generation, especially on the most vulnerable members of society
- Investing in research, development, and demonstration on the efficient use, recycling, and waste management of materials used in clean energy technologies
- Increasing research, development, and demonstration funding for the next generation of cutting-edge zero-emission electricity resources, deployment techniques, and grid modernization technologies

COSPONSORS

The Elecrifying America's Future Resolution is cosponsored by U.S. Senators Sheldon Whitehouse (D-R.I.), Cory Booker (D-N.J.), Alex Padilla (D-Calif.), Jeff Merkley (D-Ore.), Ed Markey (D-Mass.), Dick Durbin (D-Ill.), Richard Blumenthal (D-Conn.), Amy Klobuchar (D-Minn.), and Michael Bennet (D-Col.).

SUPPORTING ORGANIZATIONS

Rewiring America
GreenLatinos
Evergreen Action
Zero Emission Transportation Association (ZETA)
Energy Storage Association
American Council for an Energy-Efficient Economy (ACEEE)
Environmental Defense Fund (EDF)
RMI
Sierra Club
Earthjustice
Natural Resources Defense Council (NRDC)
Advanced Energy Economy
Moms Clean Air Force
National Parks Conservation Association
Southwest Energy Efficiency Project
BlocPower
Citizens Utility Board – Illinois
Community Development Corporation of PHP
Elevate Energy
Fresh Energy
Sunrise Bay Area
Sealed
Building Electrification Institute
Chesapeake Climate Action Network
Dvele
Illinois Environmental Council
Massachusetts Climate Action Network
Policy Solutions Institute
Powerhouse
Respiratory Health Association
Span
350 Chicago
Citizen Energy, LLC,
Harvest Thermal
G2VP, Activate Global, Inc.,
Association for Affordable Energy
Recurve
Nancy E Anderson Associates
LaPlaca and Associates LLC
Fujitsu General America
Community Housing Partners
OhmConnect, Sunrun, Inc.
Association for Energy Affordability
Purpose Venture Group
Arcadia
Lumen Energy, Inc.
Voltus, Inc.
PosiGen, Inc.
Dandelion Energy
David Energy
Clean Energy for America
Enphase Energy
EDPR NA Distributed Generation
Sunfolding, Inc.
Francis J Consulting
Bidgely
Vector Green Power and Materials LLC
Scale Microgrid Solutions Swift Solar
Veduta
Ajax Strategies
CFE Industries LLC
Solstice
Michigan Energy Options
Mountain Prairie LLC
New Yorkers for Clean Power
New Ecology, Inc
Solar Mosaic, Inc.
Acterra: Action for a Healthy Planet
Carbon Free Silicon Valley
Redwood Energy, Beyond Efficiency, Inc.