

November 29, 2023

Chairwoman Kay Granger
House Committee on Appropriations
H-307 The Capitol
Washington, DC 20515

Ranking Member Rosa DeLauro
House Committee on Appropriations
1036 Longworth House Office Building
Washington, DC 20515

Chair Patty Murray
Senate Committee on Appropriations
Room S-128, The Capitol
Washington, DC 20510

Vice Chair Susan Collins
Senate Committee on Appropriations
413 Dirksen Senate Office Building
Washington, DC 20510

Dear Chairwoman Granger, Ranking Member DeLauro, Chair Murray, and Vice Chair Collins:

We write today to thank you for your past support of energy innovation at the Department of Energy and to **ask that you prioritize investments in clean energy research, development, demonstration and deployment (RDD&D) as you continue work on the fiscal year 2024 (FY24) appropriations.** Energy innovation has proven to be one of the most bipartisan issues in Congress over the past six years, and robust funding in FY24 will allow the Department to continue helping the private sector develop next-generation technologies that will provide Americans with clean, reliable, and affordable energy for years to come.

A recent report makes clear that there is a tremendous opportunity for economic growth in the energy sector. In its analysis of 10 clean energy technologies, Boston Consulting Group identified a cumulative domestic market of more than \$9 trillion through 2050 and projected annual exports of \$330 billion by 2050.¹ Many U.S. competitors, including China, are investing heavily in these next-generation technologies in an effort to capture this growing market for clean energy sources globally. It is essential that we continue to grow funding for RDD&D of new clean energy technologies so that we do not fall behind our competitors.

In recent years, we have been excited about efforts that the Department, with direction from Congress, has focused on to develop breakthroughs in the energy sector. Examples of this include the Energy Storage Grand Challenge and its successor, the Long Duration Storage Shot, which seek to develop breakthrough energy storage technologies. We need to make sure the next generation of clean energy technologies—electrolyzers for clean hydrogen, enhanced geothermal systems, and many more—are developed here so that they'll be built here and sold around the world, benefiting American workers and our economy. This requires sustained investment across the RDD&D pipeline. Investments in innovation at DOE will also help American industries develop advanced manufacturing processes to increase efficiency, lower costs, and secure vital supply chains.

¹ Mistry, Karan et al, *Potential for US Competitiveness in Emerging Clean Technologies*. Boston Consulting Group, September 2022, page 2, <https://thirdway.imgix.net/pdfs/override/Potential-for-US-Competitiveness-in-Emerging-Clean-Technologies.pdf>

We have seen incredible progress related to energy innovation recently and are excited about the potential for additional gains in the coming years. We appreciate your commitment to ensuring that this progress continues and urge you to support this important work as the appropriations process advances.

Sincerely,

Third Way
ClearPath Action
8 Rivers
Advanced Biofuels Business Council
Algae Biomass Organization
Alternative Fuels & Chemicals Coalition
American Chemistry Council
American Clean Power Association
American Council on Renewable Energy (ACORE)
American Nuclear Society
American Public Power Association
Americans for a Clean Energy Grid
Battelle
Berkshire Hathaway Energy
Biomass Power Association
BPC Action
Business Council for Sustainable Energy
C3 Solutions
Carbon Business Council
Carbon Capture Coalition
Carbon Engineering
Carbon Utilization Research Council
Carbon180
Center for Climate and Energy Solutions
Citizens for Responsible Energy Solutions (CRES)
Citizens' Climate Lobby
Clean Air Task Force
Clean Energy Business Network
Clean Energy Buyers Association
Combined Heat and Power Alliance
ConservAmerica Action
Constellation Energy
CORE Electric Cooperative
Council on Competitiveness
Cyrq Energy
DT Energy Consultants, LLC
Eavor Technologies Inc
Edison Electric Institute
Electric Drive Transportation Association
Enel North America

Entergy Corporation
Environmental Defense Fund
Evergreen Climate Innovations
Federal Performance Contracting Coalition (FPCC)
Federation of American Scientists
Fervo Energy
Framatome Inc.
Fuel Cell and Hydrogen Energy Association
Geothermal Rising
Gradient Geothermal
Great Plains Institute
Green Strategies, Inc.
Heat is Power Association
Industrious Labs
Information Technology and Innovation Foundation
Kanin Energy
mHUB
National Wildlife Federation
Natural Resources Defense Council
Nuclear Energy Institute
Nuclear Innovation Alliance
OpenAir Collective
Ormat Technologies
Oxy Low Carbon Ventures
Renewable Thermal Collaborative
Reno+Sparks Chamber of Commerce
Rewiring America
Solar Energy Industries Association
SSTI
TechNet
The Breakthrough Institute
The Nature Conservancy
U.S. Chamber of Commerce
United Steelworkers
Xcel Energy
Zero Emission Transportation Association

CC: Chairman Chuck Fleischmann, House Subcommittee on Energy and Water Development
Ranking Member Marcy Kaptur, House Subcommittee on Energy and Water Development
Ranking Member John Kennedy, Senate Subcommittee on Energy and Water Development
Members of the House Committee on Appropriations
Members of the Senate Committee on Appropriations