

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.<sup>1</sup> 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.

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<sup>1</sup> 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