Dear Speaker Pelosi, House Minority Leader McCarthy, Senate Majority Leader Schumer, Senate Minority Leader McConnell, Chairwoman DeLauro, Ranking Member Granger, Chairman Leahy, and Vice Chairman Shelby:

America’s leadership in energy innovation has advanced a number of national priorities over the past several decades. Federal investments have created new industries and countless jobs, reduced emissions, increased energy security, and enhanced the nation’s global influence. While this investment has yielded impressive returns, scaling up breakthrough clean energy technology is no small feat. In order to keep our domestic innovators, businesses, and workforce competitive in global energy markets and to stay on track toward our climate goals, Congress will need to immediately make robust, goal-oriented federal investments in priority energy innovation efforts. **Accordingly, we ask that you provide an FY22 appropriations allocation to the Energy and Water Development bill that enables a multi-billion dollar increase for vital research, development, demonstration, and commercial deployment activities across all Science and Energy program areas of the Department of Energy (DOE).**

Investing in clean energy innovation creates both near-term and long-term jobs and economic growth opportunities. In 2018, federal energy research, development, and demonstration (RD&D) investments provided employment for over 110,000 workers.¹ These are good-paying jobs spread across labs, universities, and businesses in every state, drawing upon the unparalleled expertise of America’s scientists, engineers, farmers, and manufacturing workforce. Strategic investments in innovation create even greater rewards,
however, when they are sustained over time. Robust, multi-year efforts by DOE have established U.S. leadership in fields from nuclear to bioenergy, wind, solar, and energy storage to energy efficiency deployment, launching massive domestic industries that have employed millions of workers in the years since.

Congress has wisely provided spending boosts for RD&D activities at DOE in recent years. Even so, the U.S. is not keeping up with the competition and risks missing out on new opportunities as a result. Other nations like Japan, China, and those within the European Union are investing greater shares of their economies in energy R&D. To continue competing for global market share in a changing energy sector, the U.S. must demonstrate, commercialize and deploy the technologies it develops at scale. Accelerating these later stages of innovation will require a significant increase in federal funding and private sector partnership, and is a vital and unavoidable step toward economic success.

Much of the evolution and resulting opportunities in global energy markets are being driven by demand for affordable low- and zero-carbon technologies to help fight climate change. Doubling-down on our investments in emerging clean energy technologies will help U.S. industries get ahead of this trend and enable the nation to do its part in reducing emissions. Achieving these critical outcomes requires significant and sustained annual funding increases on the order of several billion dollars, starting immediately.

**As Congress determines spending levels for FY2022, we respectfully request that the Energy and Water Development bill receive an increase in allocation large enough to accommodate a multi-billion dollar boost to innovation funding at DOE.** This level of support would ensure America’s energy industries and workers have a leg up on the competition, and a chance to bring home the rewards of surging global markets for clean energy technologies. We acknowledge the challenge of balancing a number of worthy demands for federal funding. However, given the urgency of the need and the proven return on investment, we believe significantly increased support for energy innovation is a national priority and hope Congress will treat it as such.

Sincerely,

Third Way  
ClearPath Action  
BPC Action  
Clean Energy Business Network  
Battelle  
Information Technology and Innovation Foundation  
United States Chamber of Commerce  
Environmental Defense Fund  
Natural Resources Defense Council  
Citizens for Responsible Energy Solutions  
Clean Air Task Force  
C3 Solutions  
2G Energy, Inc.  
8 Rivers Capital, LLC
Advanced Engine Systems Institute
Airlines for America
Alliant Energy
Alternative Fuels and Chemicals Coalition
Ameren
American Association for the Advancement of Science
American Chemistry Council
American Clean Power Association
American Council of Engineering Companies
American Electric Power
American Nuclear Society
American Petroleum Institute
American Public Power Association
Avangrid
Baker Hughes
Berkshire Hathaway Energy
Biomass Power Association
Biotechnology Innovation Organization
Black Hills Energy
C2ES
Capstone Green Energy
Carbon180
Carbon Capture Coalition
Carbon Utilization Research Council
Clean Energy Trust
CMS Energy
Combined Heat and Power Alliance
ConservAmerica Action
Consolidated Edison
Copper Development Association
Day One Project
Dominion Energy
DTE Energy
Duke Energy
Edison Electric Institute
Edison International
El Paso Electric
Enel Green Power North America
Enel X North America
Energy Storage Association
Entergy
Evergy
Exelon
Framatome Inc.
