



The Honorable Dianne Feinstein  
Chair  
Energy and Water Development Subcommittee  
U.S. Senate Committee on Appropriations  
142 Dirksen Senate Office Building  
Washington, D.C. 20510

The Honorable Marcy Kaptur  
Chair  
Energy and Water Development, and Related Agencies  
Subcommittee  
U.S. House Committee on Appropriations  
2362-B Rayburn House Office Building  
Washington, D.C. 20515

The Honorable John Kennedy  
Ranking Member  
Energy and Water Development Subcommittee  
U.S. Senate Committee on Appropriations  
142 Dirksen Senate Office Building  
Washington, D.C. 20510

The Honorable Michael K. Simpson  
Ranking Member  
Energy and Water Development, and Related Agencies  
Subcommittee  
U.S. House Committee on Appropriations  
2362-B Rayburn House Office Building  
Washington, D.C. 20515

July 14, 2021

Dear Chair Feinstein, Chair Kaptur, Ranking Member Kennedy and Ranking Member Simpson,

As you consider your FY 2022 Energy and Water Appropriation Bills, we write to urge your strong support for full funding of the Administration's budget request for the Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE), the National Renewable Energy Laboratory (NREL), the Advanced Research Projects Agency-Energy (ARPA-E) and the newly proposed Advanced Research Projects Agency-Climate (ARPA-C).

The Office of Energy Efficiency and Renewable Energy (EERE) is the largest investor in clean energy technologies in the federal government. EERE's mission is to accelerate the research, development, demonstration, and deployment (RDD&D) of innovative technologies that will transition Americans to a net-zero economy no later than 2050, reach 100 percent carbon pollution-free electricity by 2035, and ensure the clean energy economy benefits all Americans. EERE works in a unified and coordinated way with its state and local partners to accelerate a just, equitable transition to a clean energy economy and ensure that the office's investments benefit everyone, especially those in underserved or frontline communities and workers and communities impacted by the energy transition. We support President Biden's FY 22 budget request of \$4,732,000,000 for the Office of Energy Efficiency and Renewable Energy (EERE).

The National Renewable Energy Laboratory (NREL) advances the science and engineering of energy efficiency, sustainable transportation, and renewable power technologies and provides the knowledge to integrate and optimize energy systems. NREL's authoritative assessments and analyses have generated over 571 patents and improved the productivity and reduced the cost of wind turbines, solar panels,

geothermal systems, hydropower and pumped storage, marine energy and hydrokinetics, biofuels, electric vehicles and energy storage systems. We support President Biden's request of \$9,242,000 for the National Renewable Energy Laboratory (NREL).

The Advanced Research Projects Agency-Energy (ARPA-E) advances high-potential, high-impact energy technologies that are too early for private-sector investment. ARPA-E has provided critical financial support to early-stage projects in the energy sector. Since 2009, the program has provided approximately \$2.79 billion in R&D funding for more than 1,190 potentially transformational energy technology projects. 181 ARPA-E projects spanning an array of technologies have secured more than \$5.4 billion in private sector investment. We support President Biden's requests for \$500,000,000 for Advanced Research Projects Agency-Energy (ARPA-E). Additionally, we also endorse the \$200,000,000 in seed funding for the newly proposed Advanced Research Projects Agency-Climate (ARPA-C), which has the potential to dramatically accelerate tomorrow's clean energy innovations.

The work done by EERE, NREL, ARPA-E and the newly proposed ARPA-C fills a critical gap in research and development at a time when the United States is desperately in need of grid modernization, and at risk of falling behind other countries, like China, that are racing to develop the next generation of clean energy technologies. We believe these investments would strengthen America's leadership in cutting-edge research and bolster our country's overall competitiveness at a critical time for a rapidly growing global industry. We respectfully urge your support of the Administration's proposed funding levels for all of these important clean energy innovation programs.

Sincerely,

Advanced Energy Economy

American Clean Power Association

American Council on Renewable Energy

National Hydropower Association

Renewable Energy Buyers Alliance

Solar Energy Industries Association