

The Honorable Lamar Alexander
Chairman
Senate Energy & Water Subcommittee
184 Senate Dirksen Office Building
Washington, DC 20510

The Honorable Marcy Kaptur
Chairwoman
House Energy & Water Subcommittee
2186 Rayburn House Office Building
Washington, DC 20515

The Honorable Dianne Feinstein
Ranking Member
Senate Energy & Water Subcommittee
184 Senate Dirksen Office Building
Washington, DC 20510

The Honorable Mike Simpson
Ranking Member
House Energy & Water Subcommittee
2084 Rayburn House Office Building
Washington, DC 20515

Dear Chairman Alexander, Ranking Member Feinstein, Chairwoman Kaptur and Ranking Member Simpson,

As diverse organizations interested in the Department of Energy's Advanced Research Projects Agency – Energy (ARPA-E) program, we thank you for the significant funding for this vital program in Fiscal Years 2018 and 2019. ARPA-E plays a unique and critical role in maintaining America's global leadership in energy technologies. As you begin drafting the Fiscal Year 2020 Energy and Water Appropriations bills, the undersigned organizations, companies and institutions urge you to enhance our competitiveness and energy security by supporting robust funding for ARPA-E in the Fiscal Year 2020 appropriations bill. We support funding ARPA-E at least at \$400 million in Fiscal Year 2020. This is roughly \$35 million higher than in Fiscal Year 2019 and would allow for one additional program solicitation to pioneer advances in a high-impact energy technology area.

ARPA-E is a highly innovative and effective program which enjoys strong bipartisan congressional support. Since its inception, ARPA-E has successfully sponsored a dynamic range of research, including technologies with potentially profound benefits for the nation's future energy security. Modeled after the highly successful Defense Advanced Research Projects Agency (DARPA), ARPA-E supports "high-risk, high-reward" research which has the potential to drastically alter how we make and use energy in the future. The program utilizes a unique organizational structure and highly successful selection process to identify innovative technologies, pushes them to meet aggressive milestones and helps them to cross the valley of death so the private sector can then commercialize them.

Despite being just ten years old, ARPA-E is already fostering technological breakthroughs in energy storage, transportation fuels, and industrial efficiency. To date, 136 of more than 340 completed projects supported by ARPA-E have attracted over \$2.6 billion in private sector follow-on funding, and 71 projects have gone on to form new companies. The enthusiasm for ARPA-E's vision and quality of work is evidenced by its ability to repeatedly draw more than 2,000 entrepreneurs, state and federal government officials, state and federal agencies and large numbers of investors to its annual Energy Innovation Summit.

The importance of U.S. leadership in energy technologies to our economic and energy security makes ARPA-E a tremendous competitive advantage for our nation. Stable and sustained funding growth is necessary to ensure this successful program continues to enhance America's ability to pioneer the energy technologies of tomorrow.

Sincerely,

American Chemical Society

American Council for Capital Formation (ACCF)

American Geophysical Union

American Society of Agronomy

Association of American Universities

Association of Public and Land-grant
Universities

BASF Corporation

Bettergy Corp.

BPC Action

Brayton Energy

Citizens for Responsible Energy Solutions

Clean Energy Business Network

Clean Energy Trust

Cleantech Alliance

ClearPath Action

Copper Development Association

Crop Science Society of America

Dioxide Materials

Duke University

E2 (Environmental Entrepreneurs)

Elemental Excelerator, Inc.

Energy Technology Savings, Inc.

Environmental Defense Fund

Fearless Fund

Flash Steelworks, Inc

Florida State University

General Electric

Georgia Institute of Technology

Gnosys, Inc.

Greentown Labs

Industrial Microbes, Inc.

Information Technology and Innovation
Foundation

Intel Corporation

Introspective Systems

Ionic Materials, Inc.

LEEDCo

Malta Inc

Marine BioEnergy, Inc.

Massachusetts Institute of Technology

Michigan State University

Michigan Technological University

National Audubon Society

National Venture Capital Association

National Wildlife Federation

Natron Energy, Inc.

Natural Resources Defense Council

Newton Energy Group LLC

Nuclear Energy Institute

Onboard Dynamics, Inc.

Otherlab

Pajarito Powder, LLC.

Penn State University

Powerhouse	Third Way
Princeton University	United Technologies Corporation
Prospect Silicon Valley	University of California System
RedWave Energy, Inc.	University of California, Berkeley
SAFCell	University of California, Los Angeles
SixPoint Materials, Inc.	University of California, Merced
Soil Science Society of America	University of California, San Diego
Solar Energy Industries Association	University of Colorado Boulder
Spruce Capital Partners	University of Houston System
SSTI	University of Illinois at Urbana-Champaign
Starfire Energy	University of Illinois System
Stony Brook University	University of Maryland, College Park
Swift Coat, Inc.	University of North Carolina System
TechNet	University of Oregon
Tenley Consulting	University of Rochester
The Nature Conservancy	Urban Future Lab/ ACRE Incubator
The State University of New York System	US Chamber of Commerce
The Texas A&M University System	Vanderbilt University

Cc:

Senate Majority Leader McConnell

Senate Democratic Leader Schumer

Senate Appropriations Committee Chairman Richard Shelby

Senate Appropriations Committee Ranking Member Patrick Leahy

House Speaker Pelosi

House Republican Leader McCarthy

House Appropriations Committee Chairwoman Nita Lowey

House Appropriations Committee Ranking Member Kay Granger