August x, 2021

The Honorable Charles Schumer The Honorable Mitch McConnell
Majority Leader Minority Leader

U.S. Senate U.S. Senate

S-221 Capitol Bldg. S-230 Capitol Bldg.

Washington, DC 20510 Washington, DC 20510

The Honorable Joe Manchin III The Honorable John Barrasso
Chairman Ranking Member
Senate Committee on Energy and Senate Committee on Energy and
 Natural Resources Natural Resources

304 Dirksen Senate Office Building 304 Dirksen Senate Office Building

Washington, DC 20510 Washington, DC 20510

Dear Majority Leader Schumer, Minority Leader McConnell, Chairman Manchin, and Ranking Member Barrasso,

The undersigned organizations express their strong support for creating a Foundation for Energy Security and Innovation (FESI). FESI would fill a critical gap in successfully transitioning new energy technologies into the market and meeting the nation’s energy security and climate goals. As you prepare a spending package through the reconciliation process, we ask that you include $30 million to establish FESI in line with the *Partnerships for Energy Security and Innovation Act* passed by the Senate as a bipartisan amendment to the U.S. Innovation and Competition Act ([S.1260](https://www.congress.gov/bill/117th-congress/senate-bill/1260)) in June. A companion bipartisan bill, [H.R. 4863](https://stansbury.house.gov/sites/evo-subsites/stansbury.house.gov/files/evo-media-document/PartnershipforEnergySecurityActBillText.pdf), was introduced in the House in July.

The FESI was originally proposed in the bipartisan and bicameral *IMPACT for Energy Act* (S. 2005 and its companion bill H.R. 3575 of the 116th Congress) and passed the House of Representatives in H.R. 4447 last year. We urge you to authorize and fund the FESI consistent with the leading recommendations from the Information Technology and Innovation Foundation in its May 2020 report *Mind the Gap: A Design for a New Energy Technology Commercialization Foundation* and the National Academy of Public Administration’s report, *An Innovation Foundation for DOE: Roles and Opportunities,* requested in the FY 2020 omnibus appropriations bill.

As a nonprofit foundation, the FESI would channel private-sector investments to help support the creation, development and commercialization of next generation energy technologies across the country. FESI would complement the Department of Energy’s (DOE) new Office of Clean Energy Demonstrations and the types of clean energy projects proposed in the Energy Infrastructure Act and funded in the Senate-passed Infrastructure and Investments Jobs Act. This type of foundation would help capitalize on the federal government’s investments in clean energy research and development by attracting private sector investment and partnership, as well as philanthropic donations. In particular, the FESI would pool resources to support innovative teams from industry, universities, national laboratories, state energy offices and incubators to commercialize new energy technologies. The FESI would leverage its connection to DOE to connect innovators with world-leading facilities, instrumentation, and experts at the 17 DOE national laboratories and DOE-funded research universities and bring to market the most promising energy technologies. A FESI would also help unlock and guide the untapped intellectual property held at DOE-funded national laboratories and research universities.

We believe that it is time for DOE to have a foundation of its own to support its mission of ensuring America’s security and prosperity by addressing its energy, environmental and nuclear challenges through transformative science and technology solutions. Modeled after the successful Foundation for the National Institutes of Health (FNIH) and other congressionally-mandated agency-affiliated foundations, the FESI would complement DOE investments in cutting-edge research and help bridge the gap between innovative but unproven prototypes and successful commercialization and penetration of new technology into the market.

With a one-time, modest investment of $30 million, the FESI would help accelerate innovation, strengthen the U.S. economy and bolster our global competitiveness as well as provide a new funding stream to help commercialize DOE technologies and improve relationships between the public and private sectors,

Thank you for your leadership and dedication to improving America’s scientific enterprise.

Sincerely,

Activate Global Inc. ADL Ventures

Algae Biomass Organization Alliance to Save Energy

American Association of Physicists in Medicine

American Association of Physics Teachers American Astronomical Society

American Chemical Society

American Crystallographic Association American Physical Society

American Society for Engineering Education

American Society of Plant Biologists American Sustainable Business Council Associated Universities, Inc.

Association of American Universities Association of Public and Land-grant Universities

Association of University Research Parks AVS – The Society for Science and

Technology of Materials, Interfaces and Processing

BPC Action

BRITE Energy Innovators C2ES

CalCharge Carbicrete Inc. Carbon Upcycling

The Center for Climate and Energy

Solutions

Clean Energy Business Network Clean Energy Trust

Climate-KIC CA Confluence Philanthropy

The Council of Scientific Society Presidents

DNV

Federation of American Scientists FedTech

Gas Technology Institute GE Research

GridWise HelioBioSys, Inc. High Noon Advisors Imperative Ventures

Information Technology and Innovation Foundation

JLW Advising JumpStart Inc.

Los Angeles Cleantech Incubator (LACI) MegaJoule Ventures, LLC

Momentum

National Association of State Energy Officials

The Ocean Foundation Ohio Fuel Cell Coalition OSA—The Optical Society Prime Coalition

Purdue University RFC Enterprises Social Venture Circle

Stony Brook University Sutro Energy Group Third Way

United States Nuclear Industry Council US Research Impact Alliance VentureWell

Washington Maritime Blue Washington State University Yale University