Cosponsor H.R. 3681 - the bipartisan ARPA-E Reauthorization Act of 2017

**Current cosponsors:** Costello, Kaptur, Love, Beyer, Curbelo, Polis, Stefanik, Quigley, Meehan, Eshoo, Gallagher, Lipinski, Foster, Schiff, Soto, Deutch, Peters, Welch, Tonko

**Supported by:** the U.S. Chamber of Commerce, the National Association of Manufacturers (NAM), the Council on Competitiveness, the American Petroleum Institute (API), the American Gas Association (AGA), the Alliance to Save Energy (ASE), the Nuclear Energy Institute (NEI), the American Council on Renewable Energy (ACORE), the Carbon Utilization Research Council (CURC), the Bipartisan Policy Center (BPC), ClearPath, the American Council for Capital Formation (ACCF), the Task Force on American Innovation (TFAI), Third Way, Citizens for Responsible Energy Solutions (CRES), the Information Technology and Innovation Foundation (ITIF), Environmental Entrepreneurs (E2), and the Energy Sciences Coalition (ESC) – including 48 universities, 28 scientific and professional associations, and 8 private companies (see below for the full list)

Dear Colleague,

In the few years since it was first established, the Advanced Research Projects Agency – Energy (ARPA-E) has already demonstrated incredible success in advancing high-risk, high-reward energy technology solutions that neither the public nor the private sector had been willing or able to support in the past. This was highlighted in a Congressionally mandated [National Academies review](#) of the agency released in June.

Some of the National Academies’ key findings include the following:

- “One of ARPA-E’s strengths is its focus on funding high-risk, potentially transformative technologies and overlooked, ‘off-roadmap’ opportunities pursued by neither private firms nor other funding agencies, including other programs and offices within DOE.”

- “The results of some of these projects have prompted follow-on funding for various technologies, which are now beginning to enter the commercial market.”

- “ARPA-E is in many cases successfully enhancing the economic and energy security of the United States by funding transformational activities, white space, and feasibility studies to open up new technological directions and evaluate the technical merit of potential directions.”
Industry leaders like Bill Gates, Norm Augustine, and Chad Holliday have repeatedly called for significantly increasing ARPA-E’s budget given the unique role that it is now playing in our energy innovation pipeline. And Secretary of Energy Rick Perry also recently stated that “Innovators like the ones supported by our ARPA-E program are key to advancing America’s energy economy.”

ARPA-E’s impressive track record includes over $1.8 billion in private sector follow-on funding for a group of 74 ARPA-E projects since the agency’s founding in 2009. Equally notable, 56 projects have formed new companies and 68 projects have shown enough promise to result in partnerships with other government agencies for further development.

This is why we are so pleased to introduce the bipartisan ARPA-E Reauthorization Act of 2017.

This bill authorizes reasonable growth in funding for ARPA-E through 2022. Increased funding for ARPA-E is consistent with the strong and sustained recommendations of many respected industrial and academic institutions and organizations in recent years. The bill also includes a provision which ensures that sensitive proprietary business information collected by ARPA-E remains protected, which will enable even greater private sector engagement in its programs.

We hope that you will join us in cosponsoring this critical investment in our nation’s clean energy future.

Please contact Adam Rosenberg (adam.rosenberg@mail.house.gov, 5-7255) on the Minority staff of the Committee on Science, Space, and Technology, Dante Cutrona (Dante.Cutrona@mail.house.gov, 5-4315) in Rep. Costello’s office, TJ Lowdermilk (TJ.Lowdermilk@mail.house.gov, 5-4146) in Rep. Kaptur’s office, or Joshua Satterfield (Joshua.Satterfield@mail.house.gov, 5-3011) in Rep. Love’s office if you have questions or would like to cosponsor the bill.

Sincerely,

Ranking Member Eddie Bernice Johnson
Committee on Science, Space, and Technology

Ryan Costello
Member of Congress

Ranking Member Marcy Kaptur
Subcommittee on Energy and Water Development
Committee on Appropriations

Mia Love
Member of Congress
Signatories of the Statement of the Energy Sciences Coalition in Support of H.R. 3681, the ARPA-E Reauthorization Act of 2017

Universities (48)

Arizona State University
Binghamton University
Boston University
Case Western Reserve University
City College of CUNY
Clemson University
Columbia University
Cornell University
Duke University
Florida State University
George Mason University
Georgia Institute of Technology
Harvard University
Iowa State University
Lehigh University
Massachusetts Institute of Technology
Michigan State University
Michigan Technological University
New York University
Northern Illinois University
Northwestern University
Pace University
Penn State University
Princeton University
Purdue University
Rensselaer Polytechnic Institute
Rutgers, The State University of New Jersey
South Dakota School of Mines
Stanford University
The Ohio State University
University of California System
University of Colorado Boulder
University of Delaware
University of Iowa
University of Maryland, College Park
University of Michigan
University of Missouri System
University of North Texas
University of Pennsylvania
University of Rochester
University of Southern California
University of Texas at Austin
University of Wisconsin-Madison
Vanderbilt University
Washington State University
Washington University in St. Louis
West Virginia University
Yale University

Scientific and Professional Associations (28)

American Association for the Advancement of Science
American Chemical Society
American Geophysical Union
American Geosciences Institute
American Institute of Physics
American Mathematical Society
American Physical Society
American Society for Engineering Education
American Society of Agronomy
American Society of Mechanical Engineers
American Society for Microbiology
American Society of Plant Biologists
Association of American Universities
Association of Public and Land-grant Universities
Biophysical Society
Coalition for Academic Scientific Computation (CASC)
Consortium for Ocean Leadership
Computing Research Association
Council of Scientific Society Presidents
Crop Science Society of America
The Ecological Society of America
Fusion Power Associates
IEEE-USA
Materials Research Society
OSA—The Optical Society
Society for Industrial and Applied Mathematics
Soil Science Society of America
Southeastern Universities Research Association
Private Companies (8)

Battelle
Cray Inc.
General Atomics
IBM
Jefferson Science Associates, LLC
Krell Institute
Oak Ridge Associated Universities (ORAU)
Tech-X