



July 17, 2018

The Honorable Richard Shelby, Chairman
Senate Committee on Appropriations
304 Russell Senate Office Building
Washington, DC 20510

The Honorable Patrick Leahy, Ranking Member
Senate Committee on Appropriations
437 Russell Senate Office Building
Washington, DC 20510

The Honorable Rodney Frelinghuysen, Chairman
House Committee on Appropriations
2306 Rayburn House Office Building
Washington, DC 20515

The Honorable Nita Lowey, Ranking Member
House Committee on Appropriations
2365 Rayburn House Office Building
Washington, DC 20515

Dear Chairman Shelby, Ranking Member Leahy, Chairman Frelinghuysen, and Ranking Member Lowey:

I am writing on behalf of the Business Council for Sustainable Energy (BCSE) in support of funding for clean energy programs at the U.S. Department of Energy (DOE) in Fiscal Year (FY) 2019. BCSE supports the maximum level of funding possible and has laid out our preferences for the levels included in either the Senate or the House bill in the attached chart. The clean energy programs at the Department of Energy (DOE) Offices of Energy Efficiency and Renewable Energy (EERE), Fossil Energy (FE), Electricity Delivery and Energy Reliability (EDER), Advanced Research Projects Agency-Energy (ARPA-E) and other essential DOE programs provide value to American consumers and business and contribute to the reliability of our nation's energy system.

BCSE also requests that you include clear direction to DOE to obligate and expend funds consistent with congressional intent and in a timely manner. Both the House and Senate provided clear report language that directs DOE to distribute funds in a timely manner with an emphasis that the DOE not prioritize early-stage research and development at the expense of later-stage deployment and demonstration activities. As you reconcile competing (at times very similar, and often complementary) report language in conference negotiations, we respectfully recommend a more expansive approach to ensure congressional intent is stated clearly and directly. We also encourage you to accept the House-approved language regarding ENERGY STAR®, and the Senate-approved language concerning Weatherization and Intergovernmental Programs, Building Technology Office, Advanced Manufacturing Office, Combined Heat and Power Technical Assistance Partnerships, and Industrial Assessment Centers, and Workforce Development.

BCSE is a coalition of companies and trade associations from the energy efficiency, natural gas and renewable energy sectors. It includes independent electric power producers, investor-owned utilities, public power, manufacturers, commercial end users and service providers in energy and environmental markets. Founded in 1992, the coalition's diverse business membership is united around the continued revitalization of the economy and the creation of a secure and reliable energy future in America.

BCSE industries have long partnered with the federal government on research and development and have worked together to bring clean energy innovation to the market. Renewable energy, energy efficiency and natural gas deliver more jobs, increased economic growth, greater energy productivity and fewer emissions for the United States.¹ This

¹ See the BCSE-BNEF *Sustainable Energy in America Factbook* on the web at <http://www.bcse.org/sustainableenergyfactbook/>

market dynamism and success is the result of a long-time bipartisan consensus of world class research, both pure and applied, successfully linked with industry. Examples can be found in a project entitled *the Faces Behind the Facts* produced by the Clean Energy Business Network (CEBN),² BCSE's partner organization of 3,000+ business leaders from small to medium-sized companies across the U.S. *Faces Behind the Facts* tells the story of clean energy business leaders across America. Many of these business leaders have benefitted from federal programs to launch their business ventures and provide solutions that work for American consumers and taxpayers. Businesses in the CEBN have sent a letter to the [House](#) and to the [Senate](#) to communicate to Congress about the value of these DOE clean energy programs.

To ensure that DOE clean energy programs continue to build upon this existing partnership and market growth, we urge you to accept the maximum funding levels for DOE clean energy programs in conference negotiations and to include clear and direct report language.

Please feel free to reach out to Ruth McCormick on the Council's staff at rmccormick@bcse.org with any questions.

Sincerely,



Lisa Jacobson, President
Business Council for Sustainable Energy

cc: The Honorable Lamar Alexander, Chairman, Senate Subcommittee on Energy and Water Development
The Honorable Dianne Feinstein, Ranking Member, Senate Subcommittee on Energy and Water Development
The Honorable Mike Simpson, Chairman, House Subcommittee on Energy and Water Development
The Honorable Marcy Kaptur, Ranking Member, House Subcommittee on Energy and Water Development
Senate conferees on FY 2019 Energy and Water Development Appropriations Bill
House conferees on FY 2019 Energy and Water Development Appropriations Bill

Attachment

² See *Faces Behind the Facts* on the web at <https://cebn.org>

BCSE FY 2019 Energy and Water Conference Requests

	Energy Program	FY2018 Appropriations	BCSE Supported Level for FY2019 Appropriations
Hydrogen and Fuel Cell Technologies	Fuel Cell Technologies Office (FTO) within the Office of Energy Efficiency and Renewable Energy (EERE) <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$115 million for the Fuel Cell Technologies Office (FTO) within the Office of Energy Efficiency and Renewable Energy (EERE) for hydrogen infrastructure, market transformation, and stationary applications. 	\$115 million	\$115 million
	Advanced Energy Systems program within the Office of Fossil Energy (FE) <ul style="list-style-type: none"> BCSE supports \$30 million for the Solid Oxide Fuel Cell activities under the Advanced Energy Systems program within the Office of Fossil Energy (FE), which are vital to completing work on utility-scale fuel cell technologies. This level was included in both the House and Senate. 	\$30 million	\$30 million
Renewable Energy	Solar Energy <ul style="list-style-type: none"> Program funding levels should not be reduced from the current level of \$241.6 million. Of the two bills, BCSE prefers the funding level in the Senate bill, which includes \$239.5 million for the solar energy program including concentrating solar, photovoltaic, balance of system cost reduction, systems integration and manufacturing competitiveness. 	\$241.6 million	\$241.6 million but Senate bill preference
	Wind Energy <ul style="list-style-type: none"> Program funding levels should not be reduced from the current level of \$92 million. Of the two bills, BCSE prefers the funding level in the House bill, which includes \$84.4 million. 	\$92 million	\$92 million but House bill preference
	Water Power <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$105 million for the Waterpower program, including research on conventional hydropower, pumped storage, and marine and hydrokinetic technologies 	\$105 million	\$105 million

**Energy
Efficiency**

<p>Geothermal</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$85 million for the Geothermal Technologies Program (GTP) office. DOE GTP’s support has helped the industry expand beyond high temperature resources by producing power from moderate-temperature geothermal resources, more than doubling the number of states with geothermal power production. 	\$80.9 million	\$85 million
<p>Advanced Manufacturing Office</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$311 million to enable the research, development, demonstration and deployment of industrial energy efficiency and advanced manufacturing technologies that will keep U.S. companies competitive in international markets and support jobs in local communities. 	\$305 million	\$311 million
<p>Building Technologies Office</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$225 million to develop innovative, cost-effective technologies, tools, and solutions that help U.S. homeowners, consumers, and businesses achieve peak energy efficiency performance in their buildings across all sectors of our economy. 	\$220.7 million	\$225 million
<p>Energy Information Administration</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$125 million for data collection, analysis and reporting activities on energy use and consumption. BCSE and BNEF use EIA data as inputs into the annual Sustainable Energy in America Factbook. 	\$125 million	\$125 million
<p>Federal Energy Management Program</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$31 million to leverage private-sector capital in performance contracts; provide project and policy expertise to all federal agencies, help them meet Congressional and Executive energy management goals, such as reducing waste in federal agency energy use, spurring innovation and the commercialization of efficient technologies. 	\$27 million	\$31 million

	<p>Weatherization and Intergovernmental Activities³</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$251 million for the Weatherization Assistance Program and \$55 million for State Energy Programs to support energy efficiency and broader clean energy technologies and practices in partnership with state, local, and territorial governments. State energy offices have the primary responsibility for state energy emergency preparedness and response. 	<p>\$251 million (Weatherization Assistance Programs)</p> <p>\$55 million (State Energy Program)</p>	<p>\$251 million (Weatherization Assistance Programs)</p> <p>\$55 million (State Energy Program)</p>
	<p>Vehicle Technologies Program</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$337.5 million to promote the development of advanced efficiency technologies for light- and heavy-duty vehicles and transportation system efficiency. 	<p>\$337.5 million</p>	<p>\$337.5 million</p>
Natural Gas	<p>Fossil Energy, Supercritical, Transformational Electric Power Initiative</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$25 million and requests that the Senate Report language be included stating that, “The Committee rejects the proposed changes in the request to the STEP Program and recommends \$25,000,000 to complete the necessary design and construction of the 10MW pilot facility, and conduct the necessary testing, including long-duration testing for the facility.” 	<p>\$24 million</p>	<p>\$25 million</p>
	<p>Fossil Energy R&D, Unconventional Fossil Energy Technologies</p> <ul style="list-style-type: none"> BCSE Support the Senate funding level of \$54 million 	<p>\$40 million</p>	<p>\$54 million</p>
	<p>EERE, Building Technologies</p> <ul style="list-style-type: none"> BCSE supports the House funding level of \$20 million for R&D for the direct use of natural gas 	<p>\$10 million</p>	<p>\$20 million</p>
	<p>Fossil Energy R&D, Natural Gas Technologies, Natural Gas Infrastructure</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$16 million and that clarifying Report Language be added 	<p>\$15 million</p>	<p>\$16 million</p>
	<p>Emissions Mitigation from Midstream Infrastructure</p>	<p>\$9 million</p>	<p>\$12 million</p>

³ Includes \$3,000,000 for training and technical assistance.

	<ul style="list-style-type: none"> BCSE supports the Senate funding level of \$12 million 		
	<p>Emissions Quantification from Natural Gas Infrastructure</p> <ul style="list-style-type: none"> BCSE supports Senate funding level of \$6 million for the Emissions Quantification from Natural Gas Infrastructure research subprogram and requests that the following language be added: <i>“to update and improve component-level emissions factors and on better characterizing the regional variability of methane emissions across the value chain.”</i> 	\$6 million	\$6 million
Energy Storage	<p>Energy Storage</p> <ul style="list-style-type: none"> BCSE supports the Senate funding level of \$41 million for storage account (new cybersecurity office) and \$24 million for the Joint Center for Energy Storage Research hub 	\$41 million	\$41 million in the new cybersecurity office and \$24 million for the Joint Center for Energy Storage Research Hub