



May 15, 2018

The Honorable Rodney Frelinghuysen
Chairman, House Appropriations Committee
2306-RHOB
Washington, DC 20515

The Honorable Nita Lowey
Ranking Member, House Committee on Appropriations
2365-RHOB
Washington, DC 20515

The Honorable Mike Simpson
Chairman, House Appropriations Subcommittee on Energy
Water Development
2084-RHOB
Washington, DC 20515

The Honorable Marcy Kaptur
Ranking Member, House Appropriations Subcommittee
on Energy and Water Development
2186-RHOB
Washington, DC 20515

Dear Chairmen Frelinghuysen and Simpson and Ranking Members Lowey and Kaptur:

As companies and organizations deploying clean and efficient energy technologies across the United States, we urge you to provide robust support for federal clean energy programs in fiscal year 2019 (FY2019).

Within the jurisdiction of the Energy and Water Subcommittee, we specifically urge you to maintain robust funding in FY2019 for critical Department of Energy (DOE) offices such as Energy Efficiency and Renewable Energy, Electricity Delivery and Energy Reliability, Fossil Energy, the Office of Science, and the Advanced Research Projects Agency – Energy. We also urge the full Appropriations Committee to continue to support the wide range of energy-related activities that fall under the jurisdiction of other federal agencies, such as the Departments of Interior (DOI), Defense (DOD), Agriculture (USDA), and Environmental Protection Agency (EPA).

Federal investments like these encourage private-sector innovation, support critical technical assistance to customers and providers and help address barriers to deployment—paving the way for diverse energy technologies to rise and compete. Consumers, businesses, and taxpayers across America are enjoying the benefits of job creation, lower energy bills, greater reliability, increased domestic investment, and healthier communities.

Across every energy sector in the U.S., federal investments have historically helped pave the way for technology improvements and cost declines. The 2018 [Sustainable Energy in America Factbook](#) produced by the Business Council for Sustainable Energy and Bloomberg New Energy Finance documents recent trends in the clean energy made possible in part by government investment:

- Natural gas and renewable energy accounted for half of electricity generation in the U.S. in 2017
- Consumers devoted a smaller share of their spending in 2017 towards electricity than at any time ever recorded, and the total share of household expenses dedicated to energy costs also hovered near an all-time low
- Clean energy in the U.S. attracted \$57 billion in investment in 2017
- The renewable energy, energy efficiency and natural gas sectors employed approximately 3 million Americans in 2016

A new companion project by the Clean Energy Business Network, [Faces Behind the Facts](#), tells the stories of business leaders working across these industries, and features examples of how federal programs have helped launch successful business ventures and provide solutions that work for American consumers and taxpayers.

Allocating resources for clean energy initiatives in FY2019 will help expand a diverse array of technologies and accelerate cost declines, ensuring continued job growth in the energy sector and a clean, resilient, and cost-competitive energy system.

Sincerely,

Lynn Abramson, President
Clean Energy Business Network
Washington, DC

Jennifer Kefer, Executive Director
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Arlington, VA

Michael Sams, CEO & President
AMSEnergy Corp
Columbia, TN

Jen Derstine, Director of Strategy, Policy & Corporate Dev.
Capstone Turbine Corporation
Van Nuys, CA

Mike Straight, Principal
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Laura Berland-Shane, Southern California Chapter Director
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Phil Giudice, CEO
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Moriel Arango, Chief Technology Officer
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Matthew Goss, Vice President - Energy Strategy Leader
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Sam Weaver, CEO
Cool Energy, Inc.
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Philip Brennan, CEO
Echogen Power Systems, Inc.
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Mary Winston, Small Business Owner
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Greene Tech Renewable Energy LLC
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Humble, TX

Jeff Dye, CRO
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Molecule Works Inc.
Richland, WA

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ProMark Associates, Inc.

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Sidel Global Environmental LLC / Sidel Systems USA

Atascadero, CA

Roger Richmond-Smith, CEO

Smardt Chiller Group Inc

Plattsburgh, NY

Gil Amengual, Director, Marketing & Product Strategy

Solar Turbines Incorporated

San Diego, CA

John Atkins, President/CEO

TerraShares

Morristown, TN

Ronald Gdovic, CEO

WindStax Energy

Pittsburgh, PA

Mee Haaw

Chicago, IL

Patricia Rowell

Alexandria, VA

Jonathan Stone

Chippewa Falls, WI



Case Studies of Small- and Medium-Size Businesses Benefitting from Federal Clean Energy Programs May 15, 2018

A new project launched by the Clean Energy Business Network in 2018, [Faces Behind the Facts](#), tells the stories of business leaders working across the clean energy economy. Of the 8 businesses profiled in our initial release, more than half have benefitted from federal grants and/or technical assistance:

- **Onboard Dynamics (Rita Hansen):**
 - An [ARPA-E](#) award enabled the development of the mobile natural gas compression technology that led to the creation of this company. [See video by CRES.](#)

- **ElectraTherm (John Fox) and Gulf Coast Green Energy (Loy Sneary):**
 - The Department of Energy's Research Partnership to Secure America (RPSEA) program helped fund a [flare reduction demo project in ND](#) and a [demo project to capture waste heat from O&G produced waters in MS](#).
 - A Department of Energy grant helped fund ElectraTherm's demo project on [low-temperature geothermal project](#) in NV.
 - The Navy has funded an ElectraTherm demo project at [Guantanamo Bay](#).
 - The U.S. Naval Academy and Office of Naval Research are partnering with ElectraTherm on a project in Annapolis, MD to test onboard ship applications of the Power+ generator.

- **ThermoLift (Paul Schwartz):**
 - One of the initial funding sources that helped ThermoLift develop its natural-gas fired heat pump technology include [a grant](#) from DOE's Building Technologies Office.

- **Capstone Turbine Corp. (Jen Derstine) and UGI HVAC (Gary Fechter):**
 - Both of these companies are examples of CHP developers that benefit from the customer education performed by the Department of Energy's CHP Technical Assistance Program.

Many of our [Member Case Studies](#) and [guest blog posts](#) also highlight the importance of federal grants and technical assistance programs. For example:

- [Public-Private Partnerships Fuel American Ingenuity](#) (Q&A with John Carlisle, Director, Chain Reaction Innovations at Argonne National Laboratory; Bernard Johnson, Co-founder and CEO, ClearFlame; Ian Hamilton, Founder and CEO, Atlas Energy Systems, LLC; and Justin Whiteley, Chief technology officer and co-founder, Energy)
- [Small Businesses are the Next Big Thing in Energy Innovation](#) (Q&A with Jen Derstine, Director of Strategy and Policy, Capstone Turbine Corp.)
- [From the Space Coast to Energy Innovation: The New Frontier for the Southeast's Economy](#) (Q&A with Mike Aller, Executive Director, Energy Florida)
- [We Can't Take America's Energy Innovation Leadership for Granted](#) (Laura Thompson, Vice President, Flow Energy)