

August 20, 2020

The Honorable Dan Brouillette  
Secretary  
U.S. Department of Energy  
1000 Independence Ave., SW  
Washington, DC 2058

**Re: Energy Storage Grand Challenge**

Dear Secretary Brouillette:

We write in response to the Request for Information (RFI) published by the Department of Energy (DOE or the Department) regarding the Energy Storage Grand Challenge (ESGC). As members of Congress and strong supporters of efforts to accelerate the research, development, and deployment (RD&D) of advanced energy storage technologies, we are glad the Department is bolstering its efforts through this comprehensive, cross-cutting roadmap.

There is broad, bipartisan consensus that energy storage is the key to achieving a clean energy economy. Whether long-duration or mobile, storage will reshape our energy future—through the deployment of a suite of energy storage technologies, we'll have the ability to integrate variable resources like wind and solar which will increase load balancing and avoid costly transmission buildouts; help electrify our transportation sector; and reduce our reliance on foreign fossil fuels.

The Grand Challenge will increase coordination across DOE on energy storage issues through focused, cross-cutting goals, and help expand our ability to leverage expertise and funding within the Department, at our National Labs, and with our partners in academia and the private sector. We applaud the Department's attention to RD&D of long-duration energy storage and the creation of a stable and reliable domestic supply chain for storage technologies and the materials required to build them. Innovation in both of these areas will be critical for the U.S. to maintain and strengthen its leadership in energy storage.

Congress remains deeply engaged on energy storage policy, and we will continue to seek out ways to reduce barriers to its deployment at grid-scale. We look forward to working with the Department as the final ESGC Roadmap is released, and want to recognize the promising research that has already come out of our National Labs and projects like ARPA-E's DAYS program. Effective and long-lasting energy storage technologies will reduce our carbon footprint, increase the reliability, flexibility, and resiliency of our electric grid, and improve our national security. With so many benefits and opportunities, advancing innovation in energy storage is something we can and must work on together.

Sincerely,

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ANGUS S. KING, JR.  
United States Senator

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CORY GARDNER  
United States Senator

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MARTIN HEINRICH  
United States Senator

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RICHARD BURR  
United States Senator

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DEBBIE STABENOW  
United States Senator

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SUSAN M. COLLINS  
United States Senator

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SHELDON  
WHITEHOUSE  
United States Senator

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LISA MURKOWSKI  
United States Senator

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CATHERINE CORTEZ  
MASTO  
United States Senator

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MARTHA MCSALLY  
United States Senator