



February 5, 2019

The Honorable Frank Pallone
Chairman
Energy and Commerce Committee
U.S. House of Representatives

The Honorable Paul Tonko
Chairman
Environment & Climate Change
Subcommittee
U.S. House of Representatives

The Honorable Greg Walden
Ranking Member
Energy and Commerce Committee
U.S. House of Representatives

The Honorable John Shimkus
Ranking Member
Environment & Climate Change
Subcommittee
U.S. House of Representative

Re: Hearing assessing the environmental and economic impacts of climate change

Dear Chairman Pallone, Ranking Member Walden, Chairman Tonko, and Ranking Member Shimkus,

On behalf of the advanced energy industry, we write to offer support as you consider legislative action to address the risks posed by climate change. The recent report by the National Climate Assessment demonstrated the economic risks and potential adverse impacts of climate change to our country. As your committee considers actions that government can take in response, we encourage you to look at advanced energy technologies and services. Relying on these technologies will reduce the risks associated with climate change, while at the same time increase the affordable energy options available to businesses and consumers, improve the reliability and resilience of the grid, and create jobs across the country.

Today, the \$200 billion advanced energy industry makes up a strong segment of the American economy, supporting more than 3 million jobs across the country. Increasingly, advanced energy technologies and services save consumers billions of dollars. Costs have fallen so sharply that in some parts of the country investing in new wind and solar energy projects are more cost-effective than continuing to operate existing fossil fuel power plants. For example, a recent utility filing by Northern Indiana Public Service found customers could save \$4 billion by replacing its entire existing coal fleet by 2028 with a portfolio of solar, wind, storage, and demand management resources. Investments in advanced energy provide opportunities for job growth and lower electricity costs to consumers while also lowering carbon emissions across the economy.

To maximize the benefits to the economy, consumers, and environment, we encourage you to put to work advanced energy technologies in any federal response to climate change. Advanced energy encompasses the best available energy technologies for supply and demand, including wind, solar, energy storage, nuclear, demand response, energy efficiency, electric vehicles, hydropower, combined heat and power, and fuel cells among others.

We support calls for action to increase the use of certain advanced energy technologies rapidly by 2030, but evidence demonstrates the most cost-effective way to achieve climate goals is by using a broad suite of advanced energy technologies and services. Investment in advanced energy technologies can achieve multiple outcomes, including job creation, protecting communities, increasing resilience, and prioritizing fairness and economic opportunity for those most affected by climate impacts.

We also understand your interest and support your calls for legislative action to improve the nation's infrastructure as a key part of addressing the risks posed by rising carbon emissions. A comprehensive infrastructure plan must include the use of broad advanced energy technologies and services including transmission expansion, microgrids, digital solutions, and transportation electrification strategies.

We support legislative action to deploy advanced energy technologies and services to address the impacts of carbon emissions on the environment, public health, and the economy. We look forward to working with all members of the 116th Congress on this opportunity .

Sincerely,

Nat Kreamer
Chief Executive Officer
Advanced Energy Economy