

October 5, 2021

The Honorable Chuck Schumer  
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The Honorable Mitch McConnell  
Minority Leader, United States Senate  
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The Honorable Joe Manchin  
Chairman, Senate Committee on Energy and  
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306 Hart Senate Office Building  
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The Honorable John Barrasso  
Ranking Member, Senate Committee on  
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437 Russell Senate Office Building  
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Dear Majority Leader Schumer, Minority Leader McConnell, Chairman Manchin, and Ranking Member Barrasso:

Thank you for your leadership in working to find common ground on the Infrastructure Investment and Jobs Act (IIJA) in strong bipartisan fashion. As we shift from relief and recovery to rebuilding our economy in light of impacts from COVID-19, it is critical to ensure that federal investments are made strategically and responsibly for a competitive 21<sup>st</sup> century economic landscape. Smart investments in this space mean deploying clean energy and energy efficient technologies here at home and ensuring cleantech of the future is designed and built in America by Americans, and the IIJA represents a significant first step in this regard.

Clean energy and energy efficiency have been pillars of American industry. In early March 2020, over [3.2 million Americans](#) worked in clean energy, more than any other energy sector. Clean energy industries have been growth sectors of the U.S. energy economy over the past decade, and wind and solar accounted for the [fastest-growing occupations](#) in America. More than half a million clean energy workers lost their jobs during the COVID-19 crisis, and nearly [340,000 were out of work](#) as of February, as the sector continues to recover.

The U.S. clean energy industry had [\\$240 billion in U.S. revenue in 2020](#) and should expand to continue serving world-wide demand. America's clean energy transformation has also [kept power prices low](#), supporting prosperity for all. **To lead in 21st century industries, America needs a modern energy system.**

Supporting the clean energy industry would create both immediate AND long-term benefits by generating well-paid manufacturing and construction jobs in every part of the country while creating a stronger, healthier, and more resilient future for our nation. Clean energy investment will strengthen our economy, put people back to work, and create even more jobs in the future. Our nation's workers, our economy, and our climate, cannot afford the cost of inaction.

With your leadership, the clean energy industry can power America into a thriving tomorrow. As cleantech CEOs, supply chain providers, entrepreneurs, and partners, we call on Congress to build on the momentum of the IIJA and enact policies and investments in additional legislation under consideration

that expand the use of energy efficiency and clean energy solutions in our businesses, homes, and public facilities such as schools and military bases.

Federal energy policy must recognize the value of clean energy and energy efficiency to the competitiveness of our economy and workforce, and our ability to mitigate the impacts of climate change. We urge you to incorporate the following recommendations as Congress considers proposals:

### **1. Leverage federal investments to put clean energy workers back on the job**

Congress should provide a forward-looking extension of the credits for renewable energy, energy efficiency, carbon capture and removal, and alternative fuel and electric vehicles to help get these industries back on their feet and provide a lifeline to the more than 3 million Americans employed in these sectors. Moreover, Congress should make these credits refundable (and/or available as a direct payment) to more readily deploy investment capital and help make energy improvements affordable for businesses and homeowners who have experienced a reduction in taxable income this year.

This extension should also provide parity to various technologies currently left out of the tax code, such as storage, transmission, and linear generators, and strengthen and modernize energy efficiency credits. It is critical to design these refundable credits in such a way to be workable for all technologies. Such a program could help put hundreds of thousands to work building America's clean energy economy and revive American manufacturing and put our country back to work.

### **2. Bolster federal research, development, and deployment to restart our nation's innovation engine**

The Investment Infrastructure and Jobs Act makes several crucial down payments on cleantech RD&D by fully funding the Energy Act of 2020. Congress must go further, however, we need to develop and rapidly scale new technologies that will help us regain our leadership in the global economy. This work begins with the entrepreneurs across this nation who are developing new energy solutions that will power our local economies. It is time to double down on the federal RD&D programs that support energy innovation, commercialization, and deployment. Lawmakers should also make sure federal RD&D programs are accessible and impactful for small businesses, which account for more than 99% of U.S. employer firms and will be critical to our economic recovery.

### **3. Promote strategic investments in resilient infrastructure**

As we rebuild from this crisis, we should address long-standing vulnerabilities in how we power our businesses, homes, and critical infrastructure. The Investment Infrastructure and Jobs Act makes much progress on this front, by investing in grid resilience and reliability, providing resources into transmission. We urge lawmakers to direct additional resources toward advanced energy solutions and advanced transportation infrastructure like electric vehicle charging that will strengthen our energy resilience. Hundreds of thousands of clean energy jobs are at stake. Our nation's workers, and our climate, cannot afford the cost of inaction.

We are committed to working with you to rebuild a stronger America and look forward to partnership as we build a booming clean energy economy, together.

Sincerely,

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