

Congress of the United States
Washington, DC 20515

December 12, 2019

The Honorable Charles E. Grassley
Chairman
Senate Committee on Finance
United States Senate
219 Dirksen Senate Office Building
Washington, DC 20510

The Honorable Richard E. Neal
Ranking Member
House Committee on Ways & Means
United States House of Representatives
1102 Longworth House Office Building
Washington, DC 20515

The Honorable Ron Wyden
Ranking Member
Senate Committee on Finance
United States Senate
219 Dirksen Senate Office Building
Washington, DC 20510

The Honorable Kevin Brady
Ranking Member
House Committee on Ways & Means
United States House of Representatives
1139 Longworth House Office Building
Washington, DC 20515

Dear Chairman Grassley, Ranking Member Wyden, Chairman Neal, and Ranking Member Brady:

As you negotiate a possible end of year tax extenders package, we want to express the importance of continued national investment in hydrogen production as an energy storage technology. Hydrogen energy conversion into fuel or electricity does not emit greenhouse gases; it emits only heat and water as by-products, making hydrogen a unique medium for zero-emission energy storage and transportation.

The use of hydrogen as an energy source has several direct and broad benefits that justify careful review by your Committees. It can be used for direct combustion in existing turbines and boilers, generating both electricity and heat. Like other liquid fuels, hydrogen rich gas can be exported in its physical state, further enhancing America's resurgence as a global energy exporter.

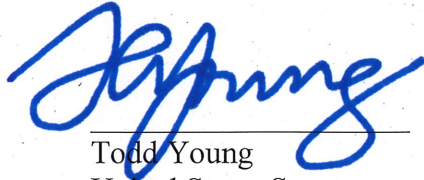
The market for hydrogen fuels also holds great promise. Industry trends, including fuel desulfurization will increase the need for economically viable sources of hydrogen, and the global shipping industry has identified it as a potential fuel alternative to oil. Finally, hydrogen and ammonia are important fuels and feedstocks for critical American industries, such as electronics, glass, fertilizers, metals processing and more. But in order to develop, these markets will need a consistent, reliable supply of green hydrogen energy.

As with many first-of-its-kind advanced energy technologies, federal resources are critical in bringing hydrogen fuels to market. In Indiana, Wabash Valley Resources is currently building the nation's first hydrogen carrier ammonia produced with a near zero carbon footprint. The manufacturing process also captures carbon dioxide waste gases, permanently sequestering them in deep rock formations. Taken as a whole, the process results in a combined hydrogen production and carbon sequestration facility. The resulting pure stream of hydrogen gas will be created at the world's first carbon neutral ammonia processing facility.

As your respective committees consider an energy package, we urge you to take into account the unique benefits of hydrogen technologies and the important role hydrogen plays not just for electricity production, but also as a global energy commodity.

Thank you for your considering this request as you continue to negotiate the end of year tax extenders package.

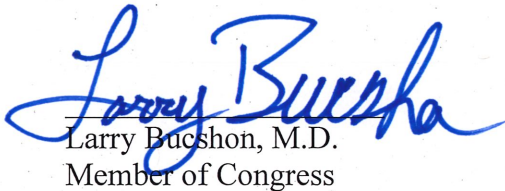
Sincerely,



Todd Young
United States Senator



Mike Braun
United States Senator



Larry Bucshon, M.D.
Member of Congress