



**Via E-Mail**

September 27, 2021

Executive Director  
U.S. Department of Energy, Loan Programs Office  
Attn: Renewable Energy Projects and Efficient Energy Projects Applications  
1000 Independence Avenue, SW  
Washington, D.C. 20585

**RE: Hy Stor Energy Project**

Dear Director:

Tetra Tech Inc. (“Tetra Tech”), a U.S. based engineering and science consulting firm with over 21,000 employees world-wide, supports the Mississippi Clean Hydrogen Hub under development by Hy Stor Energy LP (“Hy Stor Energy”). Tetra Tech is dedicated to supporting the delivery of clean energy solutions including the production, storage, and distribution of hydrogen from renewable energy. Green hydrogen has been identified as the clean energy source that could help bring the world to net-zero emissions in the coming decades.

Tetra Tech has worked extensively with the Hy Stor Energy staff over the past decade to design, permit, and build large scale underground gas storage and distribution facilities in salt formations in multiple locations around the United States. Based on that experience, we believe Hy Stor Energy is uniquely qualified to undertake and deliver this ambitious and groundbreaking green energy project.

The hub will utilize wind and solar generating resources to provide renewable energy that will power electrolyzers to isolate hydrogen from water sources. The generated hydrogen can be compressed and stored in bulk in salt caverns that Hy Stor Energy will develop and use for hydrogen storage. The stored hydrogen can be used as a fuel for generating electric power, essentially serving as grid scale energy storage, for powering vehicles and for reducing or offsetting fossil fuel-based feedstocks for energy intensive manufacturing. When the hub is complete, Hy Stor Energy estimates that it will be able to produce approximately 110 million kg of green hydrogen per year with a storage capacity of approximately 69 million kg of green hydrogen. This project will be nationally-significant in scale.

As a leading provider of engineering design and construction management services for solar and offshore wind generation, subsea cables, on-shore transmission lines and substations, gas compression and pipelines transmission, and associated facility infrastructure, Tetra Tech has a unique perspective on the merits of this project. From this broad-based experience, we believe the proposed hydrogen hub is well-positioned for success.

The production of green hydrogen at scale requires reliable sources of power to supply the electricity. The hub is positioned to take advantage of abundant sunlight and access to offshore wind that is anticipated to be available to early movers like Hy Stor Energy. These abundant natural resources will make the planned hub both reliable and economically viable.

Hy Stor Energy has long standing relationships with the owners of key salt resources and specialty engineering and geology experts necessary for a project of this scale to be successful. Those relationships and Hy Stor Energy’s management team’s proven ability to deliver large scale energy infrastructure projects

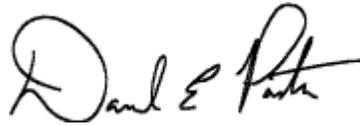
**Tetra Tech, Inc.**

1100 S. McCaslin Blvd., Suite 150, Superior, CO 80027  
Tel +1.303.664.4630 Fax +1.303.665.4391 | [tetrattech.com](http://tetrattech.com)

provides strong promise to increase economic growth in the region. The Mississippi Clean Hydrogen Hub is expected to create hundreds of new jobs in the area during the development and commercialization phases of the hub and attract new manufacturing and industrial companies that have a strategic interest in being a part of the clean hydrogen network.

For these reasons, we strongly believe that the Department of Energy should approve the loan guarantee application and other financial support for this project. We stand ready to assist Hy Stor Energy and other green energy producers in bringing their projects to market, and appreciate the opportunity to share our views on this project. Please let us know if we can provide any additional information or be of further assistance.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Dan E. Pastor". The signature is fluid and cursive, with a large initial "D" and "P".

Dan Pastor, P.E.  
Senior Vice President, Special Projects