



FOR IMMEDIATE RELEASE
January 20, 2022

Contact: Glen Murrell, Executive Director
glen.murrell@wyo.gov
(307) 823-2875

Wyoming Energy Authority Announces Energy Resources Council Approves Three Projects

*State of Wyoming Carbon Capture Utilization and Storage Deployment Program and the
Economic Development Fund*

Cheyenne, WY – The Wyoming Energy Authority and the Energy Resources Council announce the recommendation of three grant funding requests. Two requests are for carbon capture utilization and storage projects and one is for a hydrogen production project.

On March 20, 2021, the Wyoming Energy Authority opened a [Request for Proposals](#) (RFP) for the [CCUS Deployment Project](#) and received 17 proposals on October 22nd when it closed. The Energy Resources Council approved funding for two projects during their meeting on January 18th, 2022. A third project was also recommended for funding through the Economic Development Funds Innovation Subaccount.

The Wyoming Energy Authority aims to make progress toward the construction of a project deploying CCUS and enhancing the viability of Wyoming's carbon-based energy economy. As such, these three projects leverage existing resources and infrastructure within Wyoming, test configurations of these resources and infrastructure to establish technical feasibility, and establish the economic viability of the projects. Furthermore,

these three proposals illustrated that their projects are at a scale sufficient to demonstrate commercial viability.

The three projects considered at the meeting:

- [Tallgrass Energy](#), "**Eastern Wyoming Sequestration Hub**," requested \$4,109,990 for studying the potential to sequester CO₂ in the Wyoming Denver-Julesburg Basin in support of the development of a commercial scale sequestration hub in Eastern Wyoming. The information from this phase of the project will provide the basis for full implementation of a regional sequestration hub which includes Tallgrass's development of a multi-state CO₂ transmission system. This project will provide an excellent platform to increase the visibility of Wyoming and its suitability for commercial deployment of CCUS. *Energy Resources Council recommended funding in full.*
- [North Shore Energy](#) and [Starwood Energy Group](#), "**Project Phoenix**," requested \$4,262,500 for a joint exploration in the development of a state-of-the-art ammonia complex with on-site carbon capture and sequestration capabilities at existing depleted hydrocarbon reservoirs and processing facilities near Evanston, WY. When fully developed, the project will be a very low-cost producer of low carbon ammonia, will permanently store CO₂ underground, will re-purpose existing infrastructure, and retain and create new jobs in southwest Wyoming. *Energy Resources Council recommended funding in full.*
- [8 Rivers](#), "**The ⁸RH₂ Process for Producing Clean Hydrogen with Autothermal Reforming and Carbon Capture**," requested \$150,000 to conduct a Pre-Front-End Engineering Design (Pre-FEED) study for a new-build 8 Rivers Hydrogen (⁸RH₂) plant in Wyoming aiming for an eventual FEED study followed by project construction. The facility would use autothermal reforming to produce 100 MMSCFD of clean hydrogen with up to 99% carbon capture, for sequestration in Evanston, Wyoming. *Energy Resources Council recommended funding in full through the Economic Development Funds Innovation Subaccount.*

The recommendations from the Energy Resources Council will be forwarded to the Governor for final approval.

###

[About Wyoming Energy Authority](#)

The Wyoming Energy Authority advances Wyoming's energy strategy by driving data, technology, and infrastructure investments. Focusing on an "all-of-the-above" energy

mix, the WEA's strategy includes products from our legacy industries, along with the newer players of renewable energy and emerging opportunities in hydrogen, advanced nuclear, geothermal, and rare earth elements. The WEA was created in 2020 by the Wyoming State Legislature by merging the Wyoming Infrastructure Authority and the Wyoming Pipeline Authority.