



FOR IMMEDIATE RELEASE  
July 23, 2021

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### **Wyoming Energy Authority Announces Three Awardees for Hydrogen Pilot Project**

*State of Wyoming Pilot Project: Design and/or Construction of a Pilot Project Demonstrating "Green" or "Blue" Hydrogen Production and Use*

#### **Cheyenne, WY –**

The Wyoming Energy Authority announces three projects that are receiving awards for the State of Wyoming Pilot Project: Design and/or Construction of a Pilot Project Demonstrating "Green" or "Blue" Hydrogen Production and Use.

On March 17, 2021, the Wyoming Energy Authority opened a Request for Proposals (RFP) for the Hydrogen Pilot Project and received 10 proposals on April 28<sup>th</sup> when it closed. Three finalists were announced during a public hearing on July 12, and those finalists were approved for funding today. Due to different grant funding sources, the Black Hills Energy and the Williams Companies projects received approval for funding from the Economic Development Funds – Innovation Subaccount. The Jonah Energy project received approval for funding from the Wyoming Energy Authority.

1. Black Hills Energy, "Wyoming Hydrogen Demonstration Pilot Project," requests \$464,923 for a feasibility study for a natural gas-fed blue hydrogen gas generator with carbon capture; a green hydrogen gas generator fed with renewable energy and water; and a conceptual engineering assessment of equipment modifications of GE LM6000 combustion turbines to accommodate blended fuel mix of hydrogen and methane. (*Energy Resources Council approved funding in full*).

2. Williams Companies, "Williams Southwest Wyoming Hydrogen Hub," requests \$997,734 for a feasibility study in partnership with the University of Wyoming to evaluate water access and compatibility as well as asset integrity in support of green hydrogen production and transport in the vicinity of Wamsutter and Opal, Wyoming. (*Energy Resources Council approved funding in full*).
3. Jonah Energy, "Green Hydrogen through Power to Gas Study," requests \$20,000 for a plan in partnership with National Renewable Energy Laboratory (NREL) to create "green" hydrogen and renewable natural gas through biomethanation. (*Wyoming Energy Authority approved funding in full*).

The goal of this program is to identify actual and proposed benefits of hydrogen projects for the State of Wyoming, its residents and communities, including, but not limited to: infrastructure development, business creation or retention, job creation or retention, technological advancement, intellectual property rights, commercialization, and additional state taxes, such as sales and use and/or property tax.

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### **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, small modular 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.