



PRESS RELEASE: For Immediate Release

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Obsidian Pacific NW Hydrogen Hub concept “encouraged” to continue bid for federal funding.

The complete regional plan will produce, store and transport clean hydrogen for consumers in Oregon and Washington.

Lake Oswego, Ore. – On Tuesday, the Obsidian Pacific Northwest Hydrogen Hub was encouraged by the U.S. Department of Energy (DOE) to continue its bid for federal hydrogen hub funding. The plan supports the development of a hydrogen network in the Northwest powered entirely by renewable electricity.

[DOE is administering \\$8 billion](#) from the Bipartisan Infrastructure Bill designed to scale-up production of low-carbon (“clean”) hydrogen by funding what they are calling hydrogen hubs—infrastructure to make, store, transport and use hydrogen. DOE expects hydrogen hubs to “form the foundation of a national clean hydrogen network that will contribute substantially to decarbonizing multiple sectors of the economy.” The Obsidian Pacific NW Hydrogen Hub will leverage private funding with \$700 million of DOE money for its multi-billion dollar project.

DOE reviewed nearly 100 concept papers for federal funding. As one of the 33 projects encouraged to continue with the funding process, the Obsidian Pacific NW Hydrogen hub will now submit a full funding application in April.

“The Obsidian Pacific NW Hydrogen Hub is proud to receive an encourage decision by the DOE,” said David Brown, senior principal and co-founder of Obsidian Renewables. “We are grateful for the labor, business and community partnerships we have built throughout the region that help make the Pacific NW Hydrogen Hub a competitive project.”

The complete plan envisions hydrogen production, storage, transportation and consumption. Hydrogen is a versatile industrial feedstock and fuel that the hydrogen hub will supply to various industries such as agriculture, data centers, hospitals, ports, power plants and domestic fertilizer producers. Anchor sites in Moses Lake, Washington and Hermiston, Oregon, will use power from new renewable wind and solar power plants to split water in a process called electrolysis. These renewable energy sources will connect

to a 400-megawatt electrolyzer capable of producing 175 metric tons of hydrogen daily at each anchor site.

The Obsidian Pacific NW Hydrogen Hub also includes a new hydrogen pipeline system to store, collect and distribute hydrogen to consumers across eastern Oregon and Washington, providing the lowest cost source of hydrogen across much of the Northwest.

"Building out a hydrogen energy network will be a critical piece of our decarbonization goals," said Ken Dragoon, Obsidian Renewables' director of hydrogen development. "Our plan leverages the region's deep commitment to clean energy to build a renewable hydrogen network to help us meet our decarbonization goals."

The DOE plans to select six to 10 hydrogen hubs to receive between \$400 million and \$1.25 billion to connect large-scale clean hydrogen production to consumers. Applications will be evaluated based on several critical factors, including technical merit, financial viability and community benefits. DOE is expected to make final funding awards in the Fall of 2023.

About Obsidian Pacific NW Hydrogen Hub:

The [Obsidian Pacific NW Hydrogen Hub](#) intends to be one of the federally funded renewable hydrogen hubs selected by the U.S. Department of Energy. It will include industrial parks in Oregon and Washington that will be home to new renewable nitrogen/ammonia fertilizer plants supplied through a new dedicated renewable hydrogen storage pipeline.

Obsidian Renewables is proud to have been a leader in bringing large-scale solar to Oregon and promoting it as a reliable and low-cost form of energy. We see exciting possibilities for solving our energy issues with renewable energy storage, hydrogen and other technologies.

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