

Hydrogen



Hydrogen in Wyoming

Energy Leader

With an abundance of natural resources, Wyoming is known as the “Energy State,” and for good reason. Wyoming consistently ranks high in traditional, emerging, and renewable energy sources, including hydrogen. Wyoming has 25% of the nation’s hydrogen production feedstock from both hydrocarbon and renewable resources, existing export infrastructure to reach high-value markets such as California and the Rocky Mountain metropolitan areas, and infrastructure for managing and storing CO₂ from blue hydrogen.

Environment

Our state has a tax climate extraordinarily favorable for business, and higher education programs to develop a workforce skilled in hydrogen technology. Wyoming’s favorable business environment includes easy access to year-round recreational opportunities and wide-open spaces. Here, recreation and economic opportunity go hand-in-hand. With our tax-friendly climate and workforce training grants, Wyoming understands and supports all forms of energy development.

Potential

- 25% of national hydrogen production feedstock
- Green and blue hydrogen production and potential export hubs
 - Existing export infrastructure to reach high-value markets
 - Local offtake potential at retiring coal power generation stations or the Rocky Mountain metropolitan areas
 - Infrastructure for blue hydrogen includes
 - CO₂ transportation infrastructure
 - Geological formations for CO₂ sequestration

LOW TAX BURDEN

NO corporate or personal state income tax

NO inventory tax

NO franchise tax

NO occupation tax

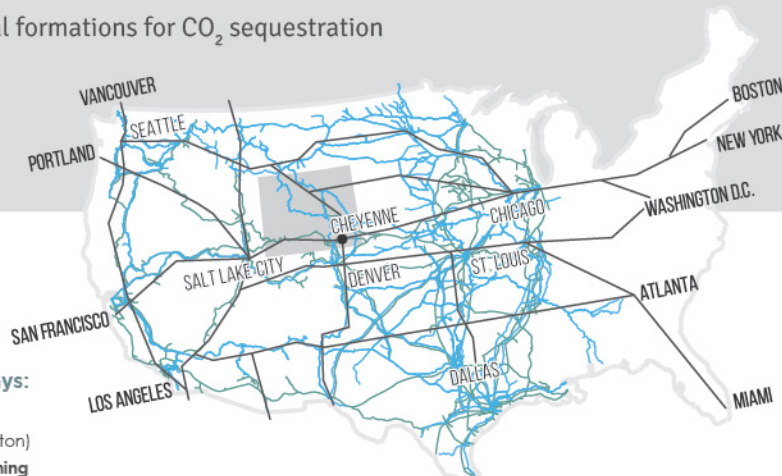
NO value-added tax

- INTERSTATE ROUTES
- UNION PACIFIC ROUTES
- BNSF ROUTES

Three Interstate highways:

I-80 (New Jersey to California)
I-25 (New Mexico to Wyoming)
I-90 (Massachusetts to Washington)

915 interstate miles cross Wyoming





FEATURED BUSINESSES

Black Hills Energy, a utility company, is working with GE to analyze how to modify their existing natural gas generators at their Cheyenne Prairie generating station to use a blend of hydrogen.

Williams Companies is currently evaluating production and transportation of green hydrogen, including what the best methods are for transporting hydrogen using existing infrastructure, as well as providing water for proposed electrolysis.

Tallgrass Energy and The Anschutz Corporation are both also getting involved in the hydrogen economy.

NEWS

Wyoming has entered a coalition with Colorado, New Mexico and Utah that will coordinate to develop a regional clean hydrogen hub. The states are working to compete for some of the \$8 billion in the 2021 Infrastructure Investment and Jobs Act allocated toward four or more regional hydrogen hubs.

SUPPORTED INDUSTRY RESEARCH PROGRAMS:

**University of Wyoming,
School of Energy Resources
Hydrogen Energy Research
Center:**

A brand new developing center for advanced research into key technical aspects of the hydrogen production, delivery, and deployment sector, which stands to complement and enhance Wyoming's already robust energy sector, helping to diversify its economy.

Learn more about Wyoming's
hydrogen economy at
WhyWyoming.org
WyoEnergy.org

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