



OKLAHOMA
Commerce

Oklahoma's Hydrogen Energy Task Force

In 2021, Oklahoma launched the Hydrogen Production, Transportation, and Infrastructure Task Force (OK H2 Task Force). As the nation's demand for low-carbon hydrogen fuel grows, Oklahoma's pioneering culture, robust university research and business friendly environment combined with the state's geographically advantageous location has set it up to be a leader in the hydrogen economy.

THE TASK FORCE FOCUSED ON:

- Research
- Collaboration
- Growth viability
- Usage
- Supply chain
- Infrastructure

OKLAHOMA ADVANTAGES:

- Extensive pipeline infrastructure
- Skilled traditional and renewable energy workforce
- Low-cost electric rates
- Lowest cost of doing business (CNBC, 2021)
- 3rd largest renewable energy producing state
- Abundant clean water and alternative water sources
- Carbon and H2-ready pore space and geology
- The most inland, ice-free U.S. seaport

Oklahoma is a Renewable Energy Leader

In Oklahoma, nearly 40% of the state's electricity is generated from renewable sources. Oklahoma currently produces roughly 68% more energy than is needed within the state. With much of the rest of the world short on energy supplies, Oklahoma companies have the potential to increase export markets and ease the suffering of humans in less resource rich areas.

Oklahoma is home to state-of-the-art hydrogen production facilities, hydrogen related equipment manufacturers, and long-standing carbon sequestration facilities. The hydrogen industrial entities operating today provide a solid foundation for leveraging the State's growing renewable energy production and expansive water supplies to produce zero carbon hydrogen.

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