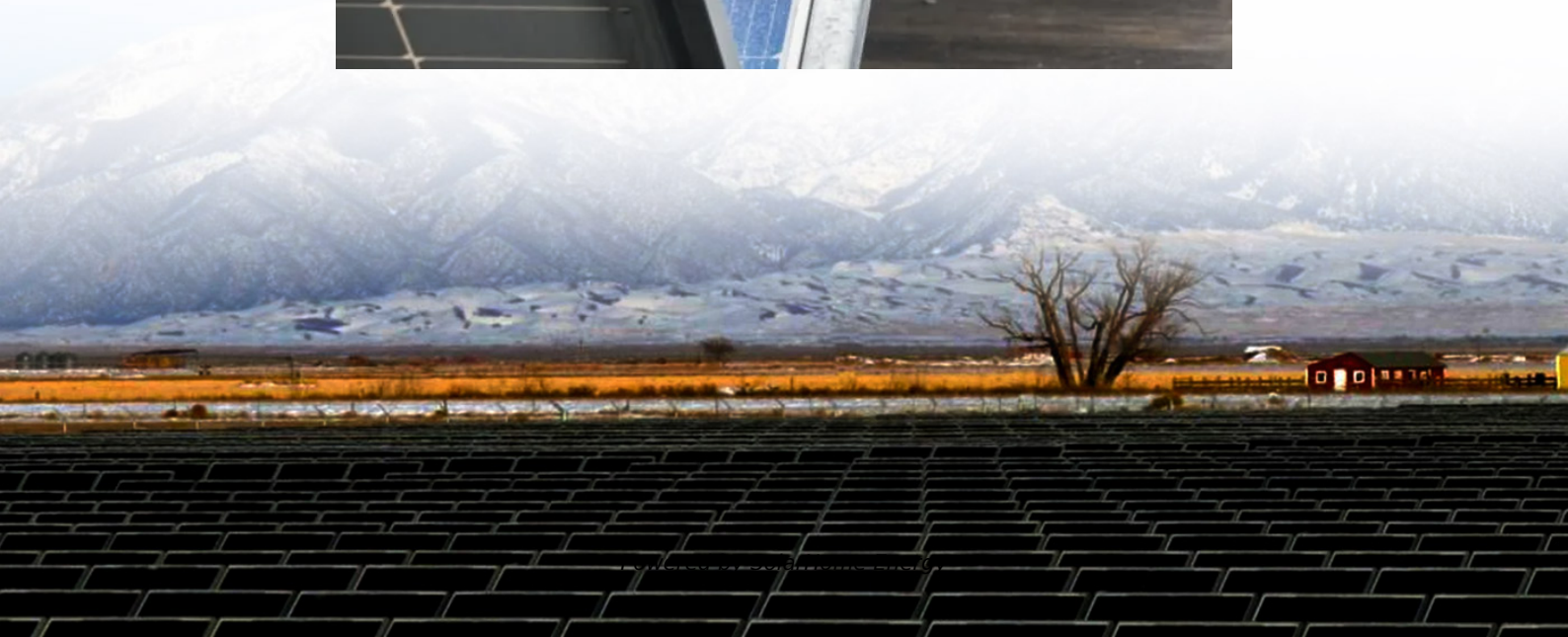


Domestic Hydrogen Energy Sites





Overview

What is the regional clean hydrogen hubs program?

The Regional Clean Hydrogen Hubs (H2Hubs) Program invests in hydrogen hubs across America to create a national network of hydrogen producers, consumers, and connective infrastructure while supporting the production, storage, delivery, and end-use of hydrogen.

Where can I find hydrogen resource data?

Explore hydrogen resource data via our online geospatial tools and downloadable U.S. maps and data sets. View, download, and analyze hydrogen data spatially and dynamically. HyDRA contains hydrogen demand, resource, infrastructure, cost, production, and distribution data. View and explore renewable energy resource data.

How many clean hydrogen hubs are there?

DOE Has Identified the Regional Clean Hydrogen Hubs – What Are the Next Steps?

On October 13, 2023, the Department of Energy (DOE) announced the seven regional clean hydrogen (H₂) hubs that are to be funded as part of the Bipartisan Infrastructure Law (BIL).

Where is Washington's largest green hydrogen hub located?

The nation's largest green hydrogen energy infrastructure system is situated in the Los Angeles basin, but Washington also has a proposal for a regional clean hydrogen hub. The legislature has delivered Senate Bill 5910 to Governor Jay Inslee to support the development of this proposed hub in Washington.

Is hydrogen a good investment for US states and regions?

Hydrogen, as a versatile energy carrier with a diverse range of applications



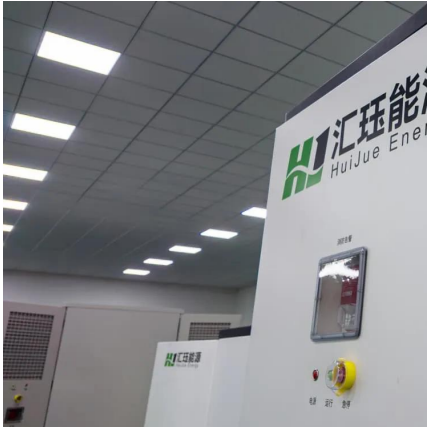
across sectors, offers a key opportunity for US states and regions to leverage existing assets and infrastructure in the transition to a clean energy economy. State and regional activity is ramping up to take advantage of near-term federal funding opportunities.

What is a hydrogen hub?

A hydrogen hub is an area with existing hydrogen and ammonia distribution infrastructure, natural gas pipelines, biomass feedstock resource, and permanent geologic CO₂ storage potential. The identification of such hubs, as mentioned in the Atlas, offers an opportunity to co-locate new hydrogen facilities.



Domestic Hydrogen Energy Sites

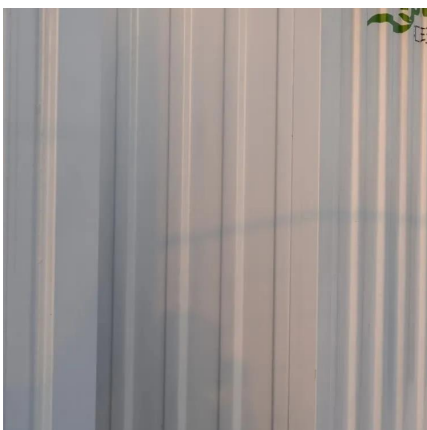
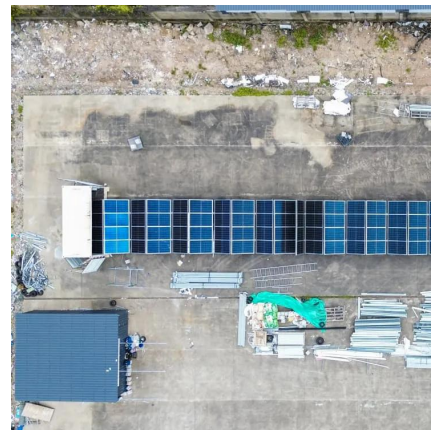


Future made in Bavaria

Through Energie Campus Nürnberg (EnCN), Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU) and other research institutions have already established a leading ...

Unleashing America's Hydrogen Potential to Achieve Energy ...

Since reassuming office, President Trump has moved swiftly to implement his Unleashing American Energy agenda, prioritizing energy abundance, infrastructure expansion ...



Networks & Storage

Integrated Hydrogen Pipelines Our commitment to a sustainable and secure energy future is embodied in the development of dedicated hydrogen ...

Hydrogen hubs are key to domestic energy production ...

The hydrogen hubs program intends to demonstrate localized production and end use of



hydrogen and to create a connected synergistic ...



Annual Energy Outlook 2025 Fact Sheet: Hydrogen Market ...

We have introduced a new Hydrogen Market Module (HMM) to represent the domestic hydrogen market in the Annual Energy Outlook 2025 (AEO2025).

Energy Department Removes Barriers for American Energy ...

The U.S. Department of Energy's (DOE) Hydrogen and Fuel Cell Technologies Office today removed barriers for the American hydrogen industry by updating its 45VH2 ...



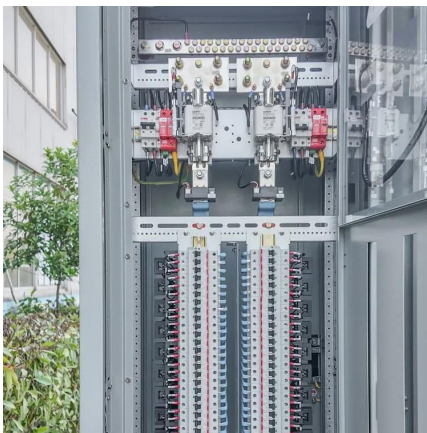
New hydrogen centre officially opened in Nuremberg

The new Bavarian Hydrogen Centre will be built on the Energy Campus in Nuremberg. The announcement on 05.09.2019 laid the foundation stone for the prestigious ...



Natural Gas Decarbonization and Hydrogen Technologies ...

Administration Policy In keeping with the new Administration's focus on energy dominance, hydrogen can further enhance U.S. energy security, resiliency and economic prosperity ...

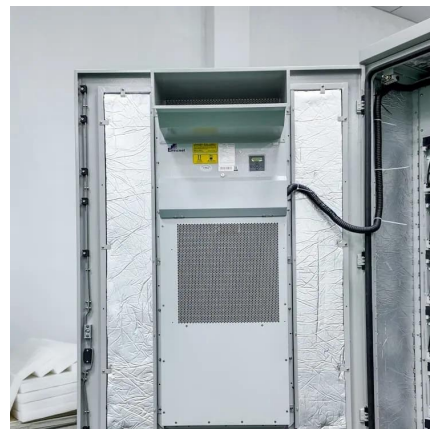


U.S. Department of Energy Hydrogen Program and National ...

Dr. Sunita Satyapal Director, Hydrogen and Fuel Cell Technologies Office, and DOE Hydrogen Program Coordinator U.S. Department of Energy

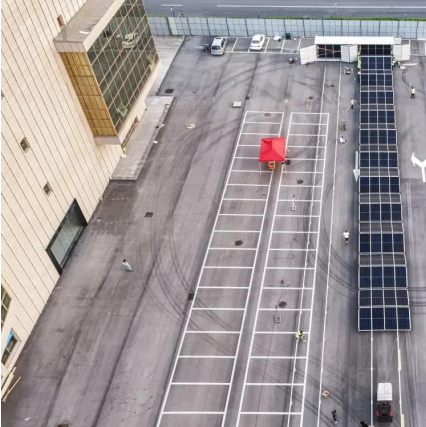
Regional Clean Hydrogen Hubs

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Regional Clean Hydrogen Hubs

The Regional Clean Hydrogen Hubs (H2Hubs) Program invests in hydrogen hubs across America to create a national network of hydrogen producers, ...



We've completed construction of our world-first green ...

We have reached a key milestone on our H100 Fife project, with the completion of the construction of the world's first domestic hydrogen gas ...

Hydrogen hubs are key to domestic energy production and ...

The hydrogen hubs program intends to demonstrate localized production and end use of hydrogen and to create a connected synergistic hydrogen economy across the U.S. ...





'World first' domestic hydrogen network completed in ...

Scottish gas distribution company SGN has completed a "world first" domestic hydrogen gas network as part of its H100 Fife project.

Hydrogen and Fuel Cell Technologies Office Multi-Year ...

Letter from the Director It is my great privilege to present to you the U.S. Department of Energy (DOE) Hydrogen and Fuel Cell Technologies Office's (HFTO's) new Multi-Year Program Plan ...



[DOE Hydrogen and Fuel Cells Program Record](#)

"Merchant" hydrogen--hydrogen generated on site or in a central production facility and sold to a consumer by pipeline, bulk tank, or cylinder truck delivery; "Captive" hydrogen--hydrogen ...

Hydrogen Resource Data, Tools, and Maps , Geospatial Data Science , NREL

This hydrogen data estimates the potential for producing hydrogen from onshore wind, solar photovoltaic, and biomass energy by county for the United States. The zipped shapefile data ...



Hydrogen Hubs: The State of Play

Several states have announced their intent to form regional hydrogen hubs, drawing on their strengths across state lines. Individual states ...



Hydrogen Center Bavaria , Zentrum Wasserstoff.Bayern (H2.B)

The State of Bavaria has founded the Hydrogen Center Bavaria (H2.B) to consolidate and expand the strong position of the Bavarian industry in the important future field of the hydrogen economy.



Towards a unified theory of domestic hydrogen acceptance: An

Through an integrative, comparative literature review targeting hydrogen and domestic energy studies, the paper proposes a novel Domestic Hydrogen Acceptance Model ...





[Hydrogen in Bavaria - prospects and challenges](#)

Bavarian Hydrogen Strategy 2.0 (2024) Update published by Bavarian Ministry of Economic Affairs, Regional Development and Energy within the framework of the Energy Plan Bavaria 2040



[Hydrogen Resource Data, Tools, and Maps](#)

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Switzerland , Green Hydrogen Organisation

The Swiss government prioritises creating a domestic hydrogen market while ensuring integration with European hydrogen infrastructure, promoting innovation, and fostering international ...



U.S. DOE Hydrogen Program and National Clean Hydrogen ...

Dr. Sunita Satyapal Director, Hydrogen and Fuel Cell Technologies Office Coordinator, DOE Hydrogen Program U.S. Department of Energy And Director, Hydrogen Interagency Task Force



Future made in Bavaria

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Green Hydrogen Revolution: Namibia's Daures Village Debuts ...

The Daures Green Hydrogen Village in Namibia is rewriting the playbook on sustainable energy in Africa. Touted as Africa's first net zero village, it's kicking off a pilot in ...

Hydrogen Hubs: The State of Play

Several states have announced their intent to form regional hydrogen hubs, drawing on their strengths across state lines. Individual states and private sector partners are ...



CALIFORNIA HYDROGEN HUB (ARCHES)

Clean hydrogen is a flexible energy carrier that can be produced from a diverse mix of domestic clean energy resources, including renewables, nuclear, and fossil resources with safe and ...

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<https://www.talbert.co.za>