

February 18, 2022

Wyoming Jim Bridger Plant to Remain Open and Considered for Carbon Capture Projects

Governor Mark Gordon [announced](#) yesterday that “that an agreement has been reached with PacifiCorp and the State of Wyoming to keep Unit 2 of the Jim Bridger power plant operational beyond April 30, 2022.”

PacifiCorp plans to convert Jim Bridger Units 1 and 2 to gas, which may take up to two years, and the plants will remain open during this time. PacifiCorp will also issue requests for proposal to add carbon capture facilities at Unit 3 and possibly 4 at Jim Bridger.

Associated news coverage:

- [State, PacifiCorp reach deal to save Jim Bridger Power Plant | Energy Journal | trib.com](#)
- [Wyoming governor brokers deal to keep Jim Bridger Unit 2 open; carbon capture may be added at power plant - Casper, WY Oil City News](#)
- [Wyoming, PacifiCorp Strike Deal To Keep Jim Bridger Power Plant Operating | Cowboy State Daily](#)

White House Releases Fact Sheet on Clean Industrial Sector

The Biden administration released a [fact sheet](#) this week announcing a suite of actions to advance industrial decarbonization efforts across agencies. The announcement includes key hydrogen initiatives funded under the Bipartisan Infrastructure Law, the launch of a Buy Clean Task Force, and guidance to help ensure federal agencies advance the responsible deployment of Carbon Management technologies.

The announcements included:

- Accelerating Clean Hydrogen
- Launching Buy Clean Procurement
- Using Trade Policy to Reward Clean Manufacturing
- Responsibly Advancing CCUS Technologies
- Supporting Equitable Innovation Across the Industrial Sector

The Industrial Innovation Initiative and Carbon Capture Coalition have both released statements regarding the announcement.

- Read the Industrial Innovation Initiative’s statement [here](#).
- Read the Carbon Capture Coalition’s statement [here](#).

Council on Environmental Quality Issues Carbon Management Guidance.

The Council on Environmental Quality (CEQ) released [carbon management guidance](#) on Tuesday.

This guidance, mandated by the USE-IT Act, describes how federal agencies can take steps to ensure that carbon management deployment mitigates environmental and community harm and incorporates community feedback. The report recognized the economic and emissions-reductions benefits of carbon management projects while asserting that its deployment will require effective permitting and efficient regulatory regimes. The CEQ recommends sound and transparent environmental reviews for carbon management projects.

The guidance stressed the importance of considering environmental justice, equity, and community engagement in projects; carbon management projects should protect overburdened communities from direct, indirect, and cumulative impacts. Projects should meaningfully engage with communities, consult with tribes from early on and create opportunities for nearby communities.

- Submit comments on the guidance until March 18 [here](#).
- Read the CEQ’s full guidance [here](#).

Senate Committees held Hydrogen Hearings

The Senate Energy and Natural Resources Committee held the first hearing on Feb 10 on clean hydrogen. Committee members discussed the opportunities and challenges in using clean hydrogen in the transportation, utility, industrial, commercial, and residential sectors. There was bipartisan support for funding hydrogen research and development, and potential hydrogen tax credits. Senators from different states expressed the advantages of the technology and the benefits if a hub was in their state.

Watch the hearing [here](#)

Additional news coverage:

- [US senators express bipartisan support for hydrogen as states vie to become hydrogen 'hubs' | Utility Dive](#)
- [Senate Committee Looks Deeper into Clean Hydrogen | RTO Insider](#)

The House Science, Space and Technology Committee also held a hearing on Feb 17, “H2Success: Research and Development to Advance a Clean Hydrogen Future,” which examined the state of hydrogen research and development in the U.S.

Five speakers gave a range of testimonies that discussed hydrogen's uses and benefits and its role in decarbonizing energy and industrial sectors. Witnesses also spoke about the opportunities and challenges for scaling hydrogen and the need for research on hydrogen storage, transport, and utilization and urged Congress to accelerate investments in innovation around a hydrogen economy. Witnesses also urged DOE to conduct periodic assessments of hydrogen and engage in proactive, transparent, and inclusive stakeholder engagement.

Witnesses included:

- **Mr. Keith Wipke**, Laboratory Program Manager at NREL
- **Dr. Julio Friedmann**, Chief Scientist and Head Carbon Wrangler at Carbon Direct
- **Ms. Rachel Fakhry**, Senior Advocate at Natural Resources Defense Council
- **Dr. Tomás Díaz de la Rubia**, Vice President for Research and Partnerships at the University of Oklahoma
- **Mr. Sheldon Kimber**, Chief Executive Officer and Co-Founder of Intersect Power

Watch the hearing [here](#).

Speaker Request: Ground Water Protection Council (GWPC) Annual Forum & UIC Conference

The Ground Water Protection Council (GWPC) Annual Forum & UIC Conference will be held on June 21st through June 23rd, in Salt Lake City Utah. The GWPC mission is to promote the protection and conservation of ground water resources.

They are looking for speakers for the **Class VI** subject of their Annual Forum & UIC Conference.

- For additional information and to submit a presentation click [here](#).

Natural Resources Research Institute Releases report on the Economics of Carbon Management

The Natural Resources Research Institute (NRRI) recently released a report on the [Economics of Carbon Capture and Sequestration](#).

The report is funded by the Department of Energy's National Energy Technology Laboratory (NETL) and explores the importance of decarbonization plans in determining the need for carbon management and describes revenues and costs affecting carbon management's economic viability.

News Roundup

- [Talos Energy - TALOS ENERGY ANNOUNCES LEASE AGREEMENT FOR MAJOR CARBON SEQUESTRATION HUB IN MISSISSIPPI RIVER INDUSTRIAL CORRIDOR](#)
- [Goldman Sachs – Clean hydrogen transformational for net zero | Business Chief North America](#)
- [Congress needs to think some more about CO2 pipelines - Niskanen Center](#)

- [Underground carbon-dioxide storage idea is cracked. And that's actually good. - The Washington Post](#)
 - [DOE plans to turn fossil fuel waste into rare materials for tech components - CNNPolitics](#)
 - [New federal guidelines could boost carbon capture in the US - The Verge](#)
 - [Biden administration launches industrial decarbonization initiative, targets \\$9.5B for clean hydrogen | Utility Dive](#)
 - [US readies funding for clean hydrogen, concrete | Argus Media](#)
 - [\\$8 billion in hydrogen spending planned by US Energy Department \(detroitnews.com\)](#)
 - [Biden administration announces green manufacturing push | TheHill](#)
 - [DOE selects Cormetech to develop carbon capture tech for natural gas plants \(powerengineeringint.com\)](#)
 - [US readies funding for clean hydrogen, concrete | Argus Media](#)
 - [DOE Announces \\$6 Million Investment to Train the Next Generation of Clean Energy Innovators | Department of Energy](#)
 - [Cassidy places hold on EPA nominees over carbon capture project approval delay | TheHill](#)
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Global News

- [Step on the gas on carbon capture - The Financial Express](#)
 - [Santos's Bayu-Undan carbon capture and storage plans may not stack up, report says - ABC News](#)
 - [Eastern Pacific Shipping Backs Carbon Capture in New Start-Up Investments - Ship & Bunker \(shipandbunker.com\)](#)
 - [Eni UK sees 'major breakthrough' for carbon capture | News | gasworld](#)
 - [ccu: Climate Action: India to set up two carbon capture and utilisation centres | India News - Times of India \(indiatimes.com\)](#)
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New podcasts, reports, statements & blogs

- [Public perceptions of carbon capture, use, and storage \(CCUS\) \(naturalgasworld.com\)](#)
 - [Report highlights challenges for clean hydrogen future - Power Engineering \(power-eng.com\)](#)
 - [Infrastructure is Key: What's Needed for CCUS Deployment • The National Wildlife Federation Blog : The National Wildlife Federation Blog \(nwf.org\)](#)
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News in the States

Alabama

- GE Gas Power receives funding for carbon capture integration study (powerengineeringint.com)

Arizona

- Advances in carbon capture can turn the tide against climate change (asu.edu)

Arkansas

- Drax starts operations at Leola wood pellet plant | Business | magnoliareporter.com

California

- This fuel plant will use agricultural waste to combat climate change | MIT Technology Review

Georgia

- David Suzuki: Can carbon capture help resolve the climate crisis? | Georgia Straight Vancouver's News & Entertainment Weekly
- LanzaJet commits to sustainable aviation through an MoU | Sustainability Magazine
- LanzaJet and Marquis Sustainable Aviation Fuel (SAF) to build 120 mgpy Alcohol-to-Jet plant in Illinois - Green Car Congress

Illinois

- Ultrafast technology could slash carbon capture costs (acs.org)
- LanzaJet, Marquis to build sustainable fuels plant in Illinois - Canadian Biomass Magazine

Indiana

- Duke Energy to funnel bulk of \$63B capital plan to energy transition, CEO says | S&P Global Market Intelligence (spglobal.com)

Iowa

- OTHER VOICES: Remember facts with carbon capture projects | Opinion | siouxcityjournal.com
- Bill to limit use of eminent domain for carbon pipelines in Iowa advances - Agweek | #1 source for agriculture news, farming, markets
- Iowa Senate panel advances bill to limit eminent domain for carbon and other pipelines | Iowa Public Radio
- Floyd County Supervisors Hear Carbon Pipeline Concerns – KCHA News
- Eminent Domain Debate Heats Up in Iowa as Carbon Pipeline Projects Stack Up (dtnpf.com)
- Iowa bill would stop use of eminent domain to build carbon dioxide pipeline | SiouxlandProud | Sioux City, IA | News, Weather, and Sports

Louisiana

- Energy firms offering 500 million tons of carbon capture capacity to Louisiana industry (businessreport.com)
- Talos Energy and EnLink Midstream Announce Complete Carbon Capture, Transportation and Sequestration Services Solution (apnews.com)
- Major carbon sequestration hub plans unveiled for the Mississippi River | News | gasworld
- Talos energy - talos energy announces lease agreement for major carbon sequestration hub in mississippi river industrial corridor
- Talos, EnLink plan major CCS hub in Louisiana | Argus Media
- Energy firms offering 500 million tons of carbon capture capacity to Louisiana industry (businessreport.com)

Maryland

- Supporters of Battling Climate Change Rally in Annapolis | Maryland News | US News

Minnesota

- Steve Veverka letter: Time to support Summit Carbon Solutions - West Central Tribune | News, weather, sports from Willmar Minnesota (wctrib.com)
- Rio Tinto Explores Carbon Capture at Minnesota Mining Site with \$2.2 M DOE Funding (environmentalleader.com)
- DOE backs Rio Tinto led team to explore carbon storage at Tamarack | News | bakersfield.com

Mississippi

- TACC Supercomputer Powers Carbon Capture Simulations (hpcwire.com)

New Mexico

- Hydrogen bill stays alive in slimmer form - Rio Rancho Observer (rrobserver.com)
- Hydrogen hub bill on hold again | Legislature | New Mexico Legislative Session | santafenewmexican.com
- Hydrogen hub bill is tabled | Legislature | New Mexico Legislative Session | santafenewmexican.com

North Carolina

- Another Major US Energy Company Ditching Coal Power Early (solarquotes.com.au)
- CSRWire - Duke Energy Expands Clean Energy Action Plan

North Dakota

- Burgum touts North Dakota's economic prowess, highlights labor shortage in State of the State address - InForum | Fargo, Moorhead and West Fargo news, weather and sports
- North Dakota blue hydrogen hub developers line up tribal natural gas supplier | S&P Global Platts (spglobal.com)
- North Dakota tribe to supply natural gas to hydrogen plant | State News | bhpioneer.com
- Tribune editorial: 2 projects could provide boost to North Dakota | Editorial | bismarcktribune.com

Pennsylvania

- RGGI raised as reason for potential coal-fired power plant closure - Pittsburgh Business Times (bizjournals.com)
- Governor's budget includes additional staff to Bureau of Geological Survey to advance carbon capture and storage

South Dakota

- PUC commissioner withdraws from CO2 discussion | KELOLAND.com
- Legislative update: Week 5 by District 24 Representative Mike Weisgram | DRGNews

Texas

- New \$1.7 billion biorefinery coming to East Texas | Texas | thecentersquare.com
- Factors for Effective Capture and Storage of Carbon (azocleantech.com)

Vermont

- Following national trend, Vermont brewery turns carbon emissions into beer bubbles - VTDigger

Wyoming

- Bills would shift CO2 storage liability to Wyo, force carbon capture | Wyoming | gillette newsrecord.com
- The high stakes of Wyoming's electric power future - WyoFile

- [With new bill, lawmakers reopen battle over state's coal plants | Energy Journal | trib.com](#)
 - [State, PacifiCorp reach deal to save Jim Bridger Power Plant | Energy Journal | trib.com](#)
 - [Wyoming governor brokers deal to keep Jim Bridger Unit 2 open; carbon capture may be added at power plant - Casper, WY Oil City News](#)
 - [Wyoming, PacifiCorp Strike Deal To Keep Jim Bridger Power Plant Operating | Cowboy State Daily](#)
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Upcoming events

February 22

[Engagement Call | National Environmental Justice Community Engagement Call | EPA](#)

March 1

[IEAGHG/IETS Workshop: CCUS Technologies in Industrial Systems](#)

March 1

[Technology, Infrastructure, and Policy for Carbon Utilization Registration, Tue, Mar 1, 2022 at 1:00 PM | NASEM](#)

March 4

[IEAGHG Webinar: Criteria for Depleted Reservoirs to be Developed for CO2 Storage](#)

March 28

[Carbon, Capture, Utilization, and Storage \(CCUS\) Conference | Houston \(aapg.org\)](#)

To subscribe or request to add an event, news story, report, blog, or job posting to the update please reach out to Emma Thomley at ETHomley@gpisd.net Want to read more carbon management updates, studies, and fact sheets? Visit us at [Carbon Capture Ready](#).

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