



REGIONAL CARBON CAPTURE DEPLOYMENT INITIATIVE

UPDATE

March 17, 2023

EPA announces Louisiana Class VI primacy request moving forward, decision to come in May

On Monday, EPA Administrator Michael Regan sent a letter to Louisiana Governor John Bel Edwards (D) indicating that the agency plans to complete its review of the state's application for Class VI primacy by May of 2023. Administrator Regan indicated that there will be a 60-day public comment period following the agency's decision on Louisiana's primacy application.

Notably, Administrator Regan's letter indicates an agreement with the Louisiana Department of Natural Resources and EPA's Region 6 to include "safety and environmental burden considerations ... such as site selection for the various components of CCS projects." Regan further states that "Louisiana's agreement to incorporate language around coordination for Class VI injection well site closure and building a robust environmental justice program ... will serve as an example for future Memorandum of Agreements between EPA and other states seeking Class VI primacy."

You can read Administrator Regan's full letter [here](#).

Join GPI's Team as a State and Regional Associate

The Great Plains Institute's carbon management team is looking to hire a [State and Regional Carbon Management Program Associate](#) to provide program assistance and administrative support across the carbon management team's projects. The associate will have primary responsibility for administrative and support tasks and take the lead in planning the State and Regional Carbon Management project meetings and events.

We would greatly appreciate it if you could share this job listing with your stakeholder networks. Please feel free to reach out with any questions about the position.

National Energy Technology Laboratory announces new Direct Air Capture Center

Last week, the National Energy Technology Laboratory (NETL) announced that they will be opening a new Direct Air Capture Center at NETL's Pittsburgh campus which is scheduled to begin operations in the Summer of 2024. The center will focus on accelerating the deployment of direct air capture technologies through research into their performance in varying climates, both testing for diverse temperatures and humidities.

You can read more about NETL's new center in their announcement [here](#).

News Roundup

- [EPA urged to increase support for US carbon capture projects \(gasworld.com\)](#),
- [EPA must fast track permitting for carbon capture projects, say PA Chamber, industry groups, Pennsylvania Business Report, March 16](#)
- [US industry groups urge EPA to expedite state authority over carbon capture permits, Upstream, March 15](#)
- [Technology not to blame for carbon capture's failure to launch, advocates say | S&P Global Market Intelligence \(spglobal.com\)](#)
- [Baker Hughes signs direct air capture deal with HIF Global, Gasworld, March 8](#)
- [Decarb Conference Names 2023 CO2 Utilization Award Nominees \(carbonherald.com\)](#)
- [Carbon Clean expands into U.S. to meet booming demand for carbon capture technology \(worldoil.com\)](#)
- [Accelerating decarbonization with direct air capture, NETL, March 6](#)
- [Quantum computing quests for carbon capture compounds \(gasworld.com\)](#)
- [Occidental's Direct Air Capture Plant To Use Siemens Energy Compressors \(carbonherald.com\)](#)
- [Climeworks, Heirloom, Battelle join forces on direct air capture \(axios.com\)](#)
- [Chevron Eyes Step Change in Costs to Make CCS Work | Energy Intelligence](#)
- [Carbon Storage and Hydrogen: Match Made in Heaven? - IEEE Spectrum](#)
- [Direct Air Capture Prizes To Accelerate Just and Sustainable Carbon Management Solutions | News | NREL](#)
- [Biden Administration Ready to Accelerate Carbon Capture Technologies with \\$2B-Plus in Funding - Natural Gas Intelligence](#)
- [Carbon Storage and Hydrogen: Match Made in Heaven? - IEEE Spectrum](#)
- [Carbon Capture Coalition backs CCU Parity Act - Daily Energy Insider](#)
- [How to make carbon capture way more efficient, Gizmodo, March 8](#)
- [A promising breakthrough could save this controversial climate tech, Inverse, March 8](#)
- [Could this material kick off the carbon capture revolution?, Daily Beast, March 8](#)
- [DexMat Raises \\$3M For Carbon Reduction At Gigaton Scale \(carbonherald.com\)](#)
- [Factbox: Energy firms bet big on carbon capture projects in U.S., Canada | Reuters](#)
- [Record Number of Carbon Capture Projects Announced Last Year - Decarbonfuse \(carbonherald.com\)](#)
- [Carbon capture and e-fuels the talk of CERAWEEK \(energyvoice.com\)](#)

- Chevron and JERA jump on carbon capture and storage bandwagon in U.S. and Australia - Offshore Energy (offshore-energy.biz)
 - Meeting the challenges of large-scale carbon storage and hydrogen production | PNAS
-

Global News

- UK will fail net zero 'unless carbon capture rolled out at scale', Gasworld, March 10
 - *Carbon capture projects tackling climate change*, Al Jazeera, March 8
 - Baker Hughes signs direct air capture deal with HIF Global (gasworld.com) Experts pin bigger green hope on CCUS - Chinadaily.com.cn
 - Wärtsilä receives first order for CCS-ready scrubber system (gasworld.com)
 - Britain pledges 20 bln pounds to capture carbon emissions | Nasdaq
 - UK will fail Net Zero 'unless carbon capture rolled out at scale' (gasworld.com)
 - Denmark hopes to pump some climate gas beneath the sea floor, Washington Post, March 8
 - Pioneering cross-border CO₂ storage begins in Danish waters, Reuters, March 8
 - Denmark, the first country to import CO₂ and bury it undersea, Yahoo News, March 8
 - Japan to spend \$2.35bn on turning Victorian Latrobe valley coal into 'clean hydrogen', The Guardian, March 6
 - Project Greensand: First CO₂ injected in depleted oil field in Danish North Sea, Offshore Engineer, March 8
 - The EU needs a business case for carbon removals, Euractiv, March 8
 - Highlights from EU's first Expert Group Meeting on the Carbon Removal Certification Framework, Carbon Herald, March 8
 - Aker CCS projects In the Netherlands and Norway fight climate change, Gasworld, March 6
 - Norway sees strong energy sector interest in offshore carbon storage, UPI, March 6
 - Beam Suntory launches new carbon capture tequila project, Carbon Herald, March 6
 - Petronas, JOGMEC form renewable energy, carbon capture initiative | Offshore (offshore-mag.com)
-

New podcasts, reports, statements & blogs

- New process gives CO₂ conversion more "bang for the buck" (gasworld.com)
 - Carbon removals are an important tool to reach our climate goals – EURACTIV.com
 - Quantum computing quests for carbon capture compounds (gasworld.com)
-

News in the States

Indiana

- Carbon capture pilot project could get state support in Indiana (indystar.com)

Iowa

- [Iowa Poll: Strong majority opposes using eminent domain for carbon-capture pipelines \(Des Moines Register\)](#)

Louisiana

- [CapturePoint will invest in Louisiana CCS infrastructure, Greater Baton Rouge Business Report, March 7](#)
- [Climeworks, Heirloom, Battelle join forces on direct air capture \(axios.com\)](#)
- [Louisiana's Request To Oversee CO2 Storage Projects Moves Forward \(carbonherald.com\)](#)

North Dakota

- [Project Tundra targets world's largest CCUS power plant \(gasworld.com\)](#)
- [Safety concerns for Bismarck area dominate first Summit carbon pipeline hearings - Agweek | #1 source for agriculture news, farming, markets](#)

Pennsylvania

- [Pennsylvania wants to regulate carbon dioxide storage wells, state plans to tell the feds | Pittsburgh Post-Gazette](#)

Texas

- [CERAWEEK-Chevron, Talos Energy triple size of proposed Texas carbon hub, Reuters, March 6](#)
- [Oxy Subsidiary Says Gulf Coast CCS Hub to Enter Service by 2026, Natural Gas Intelligence, March 7](#)
- [Bayou Bend CCS project increases its acreage | Hydrocarbon Engineering](#)
- [Occidental's Direct Air Capture Plant To Use Siemens Energy Compressors \(carbonherald.com\)](#)
- [Carbon storage project spreads its wings onshore positioning itself as 'one of the largest' in U.S. - Offshore Energy \(offshore-energy.biz\)](#)

Upcoming events

March 9

- [NETL Energy 101 Webinar: Point Source Carbon Capture | netl.doe.gov](#)
Join NETL Thursday, March 9, from 10-11 a.m. (ET) for a discussion with a point source carbon capture expert and learn about the regional economic and workforce development opportunities this technology is expected to generate. The webinar will begin with comments from Anthony Armaly, coordinator of NETL's Regional Workforce Initiative (RWF), followed by a presentation by Ron Munson, technology manager, Point Source Carbon Capture, and an economic and workforce development roundtable discussion

March 16

- [Looking Ahead: Unpacking the EIA 2023 Annual Energy Outlook \(rff.org\)](#)
The U.S. Energy Information Administration (EIA) will release its 2023 Annual Energy Outlook (AEO2023) at a live event hosted by Resources for the Future (RFF). The

AEO2023 models projections of domestic energy markets through 2050 to explore a variety of different assumptions about economic growth, world oil and gas prices, and technological innovation.

April 25-27

- [About CCUS 2023 \(ccusevent.org\)](https://ccusevent.org)

Plan now to attend Carbon, Capture, Utilization, and Storage (CCUS) 25–27 April 2023 at the University of Houston in Houston, Texas. Themed "An Emerging Field for Energy Professionals," this in-person event will unite AAPG, SPE, and SEG and highlight current CCUS work and address related challenges, including Subsurface Geologic Storage, CO₂ Enhanced Hydrocarbon Recovery, Reservoir Monitoring and Risk Assessment, Case Studies, Industry Applications, Economics, Incentives, and Policy Infrastructure.

About the Regional Carbon Capture Deployment Initiative: The Regional Carbon Capture Deployment Initiative brings together state officials with diverse industry, NGO, labor, and other stakeholders to promote broad scale deployment of infrastructure for carbon management. The Initiative is staffed by the Great Plains Institute (GPI), a nonpartisan nonprofit working to transform the energy system to benefit the economy and environment.

Subscribe or request to add an event, news story, report, blog, or job posting to the update by reaching out to [Emma Thomley](#). Looking for more carbon management updates, studies, and fact sheets? Visit us at [Carbon Capture Ready](#) and read previous newsletters in our Action Alliance's [newsletter archive](#).