

April 1, 2022

State Carbon Management Legislative Highlights

- **Colorado:** [SB 22-193](#), *Air Quality Improvement Investments*. The bill creates the industrial and manufacturing operations clean air grant program through which the Colorado energy office awards grant money to private entities, local governments, and public-private partnerships for voluntary projects to reduce air pollutants from industrial and manufacturing operations. Possible projects include energy efficiency, beneficial electrification, producing or utilizing clean hydrogen or involving carbon capture at industrial facilities, and industrial process changes that reduce emissions.
- **Iowa:** [HF 2565](#), *A bill for an act relating to and making appropriations involving certain state departments, agencies, funds, and certain other entities, providing for regulatory authority, and providing for other properly related matters, and including effective date provisions*, passed the Iowa House on March 30. The bill requires the Iowa Utilities Board not to set a public hearing with carbon sequestration pipeline companies requesting eminent domain before February 1st, 2023.

Bills previously referenced in the update include:

Introduced

- **California:** [SB 1399](#), *Carbon capture and storage pilot program: industrial facilities*,
- **Maryland:** [HB 1366](#), *Zero-Emission Energy Resources and Carbon Capture, Use, and Sequestration – Renewable Energy Portfolio Standard and Study*,
- **Pennsylvania:** [HR 183](#), *A Resolution urging the Biden Administration and the Congress of the United States to designate this Commonwealth as a hydrogen hub*

First Committee

- **California:** [SB 905](#), *Decarbonized Cement and Geologic Carbon Sequestration Demonstration Act. Geological Carbon Sequestration Amendments*,
- **Minnesota:** [SF 3661](#), *State policy supporting the deployment of carbon capture and sequestration technologies establishment (passed committee, March 14)*

Enacted

- **Alabama:** [SB 36](#), *Oil and Gas Board, underground gas storage facilities, regulation, gas further defined to include abandonment of underground storage facilities, performance bonds, fees by board, Secs. 9-17-150, 9-17-151 am'd.*

- **Indiana:** [HB 1209](#), *Carbon sequestration projects*,
- **Mississippi:** [HB 1218](#), *Carbon dioxide geologic sequestration; revise laws regarding*,
- **Nebraska:** [LB 1099](#), *Create the Nebraska Hydrogen Hub Industry Work Group*,
- **South Dakota:** [HB 1120](#), *Include carbon dioxide and carbon dioxide capture companies in certain provisions regarding pipeline taxation*,
- **Utah:** [HB 244](#), *Geological Carbon Sequestration Amendments*
- **West Virginia:** [HB 4491](#), *To establish requirements for carbon dioxide sequestration*
- **Wyoming:** [SF 47](#), *Carbon storage and sequestration-liability*.

Read RDI's [weekly legislative update](#) to see all tracked bills related to carbon management

DOE Selects 22 Communities for Communities LEAP program

The Department of Energy announced the 22 communities it has selected to participate in its “Communities LEAP (Local Energy Action Program) program” on March 29.

The program seeks to help communities access the economic and environmental benefits of clean energy and clean energy manufacturing. The selected communities will work with DOE, its national labs and other experts, government and non-governmental partners, community-based organizations, and utilities, as well as environmental, economic development, and equity organizations to develop roadmaps for clean energy economic development pathways. The communities will pursue strategies for planning and investment in:

- Energy efficient buildings and beneficial electrification
- Clean energy development
- Clean transportation and enhanced mobility
- Carbon capture and storage
- Critical minerals recovery
- Resilient microgrids and energy storage
- Manufacturing and industry opportunities

For more information, visit the DOE's [Communities LEAP program page](#)

Council on Environmental Quality and EPA Release BETA Version of Climate and Economic Justice Screening Tool

The Council of Environmental Quality (CEQ) and the Environmental Protection Agency (EPA) recently released a BETA version of its Climate and Economic Justice and Screening tool. The Council on Environmental Quality (CEQ) was directed to create a Climate and Economic Justice Screening Tool in [Executive Order 14008](#). The tool's purpose is to help Federal agencies identify disadvantaged communities that are marginalized, underserved, and overburdened by pollution.

The current version of the tool provides socioeconomic, environmental, and climate information to inform decisions that may affect these communities. The tool identifies disadvantaged communities through publicly-available, nationally-consistent datasets.

CEQ is hosting public listening sessions to seek input and feedback on the beta version of the tool. Based on the feedback it receives, CEQ will update and refine the tool to ensure that it reflects the environmental, climate and other challenges that communities are experiencing.

- Read about and use the Screening Tool [here](#).
- Register for the [CEJST Public Listening Session #2](#)

Oxy Low Carbon Ventures and Weyerhaeuser to partner on carbon hub

On March 28 Oxy Low Carbon Ventures and Weyerhaeuser Company announced their agreement for the evaluation and potential development of a carbon capture and storage project in Livingston Parish Louisiana.

The lease agreement provides Oxy with rights to develop and operate a carbon sequestration hub on more than 30,000 acres of subsurface pore space controlled by Weyerhaeuser. Weyerhaeuser will continue managing the aboveground acreage as a working forest and Oxy will use the land to permanently store carbon dioxide (CO₂) underground.

Associated news coverage

- [Oxy Low Carbon Ventures and Weyerhaeuser reach lease \(globenewswire.com\)](#)
- [Oxy Partners with Weyerhaeuser for Carbon Capture Hub in Louisiana | Hart Energy](#)

West Virginia Federal Legislators Request Update from EPA on Class VI Regulations

On March 30, Representative David B. McKinley, P.E., Senator Shelley Moore Capito and Senator Joe Manchin III, all from West Virginia, sent a [letter](#) to the US Environmental Protection Agency (EPA) requesting an update on EPA's action regarding Class VI regulations. The EPA regulates the underground injection of CO₂ through its Underground Injection Control (UIC) program. Class VI wells are used for the geologic storage of carbon dioxide and states can apply for primacy, which gives a state permission to regulate Class VI wells at the state level.

The legislators noted that section 40306 of the Infrastructure Investment and Jobs Act (IIJA) included significant investments for states' ability to permit, site and monitor carbon sequestration wells. They requested an update on EPA's efforts to implement section 40306, as well as the EPA's plans to approve state applications to permit, site and monitor carbon sequestration wells.

Associated News Coverage

- [Capito, Manchin, McKinley Urge EPA to Expedite Approval for States to Expand Carbon Capture Infrastructure \(senate.gov\)](#)

Alberta Selects Six Carbon Hubs Proposals

The Canadian province of Alberta announced its selection of six carbon hubs proposals to move forward with developing Canada's first carbon storage hubs on March 31. The hubs will help reduce CO₂ emissions in Alberta's industrial heartland region near Edmonton by permanently sequestering them underground.

Projects include:

- Meadowbrook Hub Project by Bison Low Carbon Ventures Inc.
- Open Access Wabamun Carbon Hub by Enbridge
- The Origins Project by Enhance Energy Inc.
- Alberta Carbon Grid by Pembina Pipeline Corp. and TC Energy Corp.
- Atlas Carbon Sequestration Hub by Shell, ATCO Energy Solutions Ltd. and Suncor Energy Inc.
- Wolf Midstream and partners

Associated news coverage

- [Alberta picks six proposals to develop Canada's first carbon storage hubs | Reuters](#)
 - [Carbon storage hub projects around Edmonton given green light for detailed study by Alberta | CTV News](#)
 - [Alberta Advances Six Carbon-Capture Proposals for Further Study | Financial Post](#)
 - [Enbridge awarded right to advance Alberta carbon hub \(prnewswire.com\)](#)
 - [Wolf midstream and partners selected to develop potential sequestration hub \(yahoo.com\)](#)
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News Roundup

- [Clean coalition | Northeast states join \\$8bn race to be US hydrogen hub | Recharge \(rechargenews.com\)](#)
- [Xebec Announces MOU for CO₂ Capture and Sequestration Equipment with Summit Carbon Solutions | Financial Post](#)
- [Xebec signs MOU for CCS equipment with Summit Carbon Solutions | Biomassmagazine.com](#)
- [Are CO₂ pipelines safe? - E&E News \(eenews.net\)](#)
- [Four Northeast states crafting hydrogen hub bid | Energy News Network](#)
- [Siouxland Ethanol enters CO₂ capture agreement | World Grain \(world-grain.com\)](#)
- [DOE awards \\$2.4M to 3 projects for next-generation grid energy storage - Green Car Congress](#)

- [Turning Carbon Dioxide into Sustainable Fuel: United and Oxy Low Carbon Ventures Announce Collaboration with Biotech Firm to Create New Fuel Sources \(prnewswire.com\)](#)
 - [Oxy Low Carbon Ventures and Weyerhaeuser reach lease \(globenewswire.com\)](#)
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Global News

- [The Hydrogen Stream: New tech to convert hydrogen into methanol for transportation – pv magazine International \(pv-magazine.com\)](#)
 - [Australia invests in hydrogen \(pemedianetwork.com\)](#)
 - [CCSA calls for increased CCUS roll-out to empower UK's industrial regions - Politics.co.uk](#)
 - [Petronas advances carbon capture and storage ambitions | Upstream Online](#)
 - [LEILAC 2 carbon capture project is given the green light | World Cement](#)
 - [Virgin Atlantic set to offset carbon at new facility in North East Scotland - Business Insider](#)
 - ['Breakthrough' carbon capture tech slashes costs | News | gasworld](#)
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New podcasts, reports, statements & blogs

- [Carbon Pipeline to Improve Ethanol Plant and Ag Profitability, Developer Says | AgWeb](#)
 - [Companies set sights on removing troublesome CO2 from air \(ny1.com\)](#)
 - [Direct Air Capture Startup Heirloom Raises \\$53M In Series A Funding - CleanTechnica](#)
 - [Zero Emission Hydrogen Turbine Center: A closed loop of the energy future \(powerengineeringint.com\)](#)
 - [The race to upcycle CO2 into fuels, concrete and more \(nature.com\) Radical action needed to drive energy transition: Irena | Argus Media](#)
 - [The U.S. can get close to deep decarbonization by 2050, study finds | LBJ School of Public Affairs | The University of Texas at Austin \(utexas.edu\)](#)
 - [Monolith to Present at Appalachian Hydrogen & Carbon Capture Conference III - EIN Presswire \(einnews.com\)](#)
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News in the States

Alabama

- [GTI Advancing Next-Generation Hydrogen Energy Storage Technology \(powermag.com\)](#)

Alaska

- [Feds looking to protect carbon price with legislation or compensation contracts - Alaska Highway News](#)

Arkansas

- [US Northeast prepares proposal for clean hydrogen hub | Upstream Online](#)

California

- [Kern County, Bakersfield work with Biden admin on green jobs | The Fresno Bee](#)
- [Cement, Concrete, Blue Planet, And Climate Change: Taking Lemons And Making Lemonade \(forbes.com\)](#)
- [Kern, Bakersfield win federal grants supporting energy technology | News | bakersfield.com](#)
- [Feds to Give San Jose Money for Developing Clean Energy | San Jose Inside](#)
- [California lawmakers want to build more clean energy, faster - Los Angeles Times \(latimes.com\)](#)

Colorado

- [Sarah Jensen: Colorado must employ carbon capture technology \(dailycamera.com\)](#)

Connecticut

- [State to Develop Proposal to Become Hydrogen Hub With Other Three States | Top Stories | primepublishers.com](#)
- [Four Northeast states form consortium to develop regional clean hydrogen hub – pv magazine USA \(pv-magazine-usa.com\)](#)

Illinois

- [Illinois bill would help prevent pollution | Energy News Network](#)

Iowa

- [Opinion: Carbon capture is an investment in ethanol's future \(desmoinesregister.com\)](#)
- [Bruce Rastetter Iowan Behind Summits 45 Billion Carbon Capture Emissions Pipeline... | Des Moines Register](#)
- [Iowa CO2 pipeline opponents plan hearing on eminent domain | National News | kpvi.com](#)
- [Pipeline Debate: CO2 projects may benefit ethanol, but worry landowners | State & Regional | agupdate.com](#)
- [Iowa pipeline opponents push for more restrictions on eminent domain \(desmoinesregister.com\)](#)
- [Iowa landowners push lawmakers to stop the use of eminent domain for carbon pipelines | Iowa Public Radio](#)
- [Amendment would put carbon pipeline proceedings on hold in Iowa - Agweek | #1 source for agriculture news, farming, markets](#)
- [Iowa CO2 pipeline opponents plan hearing on eminent domain | Govt-and-politics | qctimes.com](#)
- [Montgomery County board backs eminent domain ban on pipeline | News | kmland.com](#)

- Iowa Tribe one of 22 communities in U.S. Communities LEAP | News | hiawathaworldonline.com
- Landowners in Iowa resist companies' plans to create carbon-capture pipelines : NPR

Louisiana

- Capito, Manchin, McKinley Urge EPA to Expedite Approval for States to Expand Carbon Capture Infrastructure (senate.gov)
- Oxy Low Carbon Ventures and Weyerhaeuser reach lease agreement for a carbon capture and ... | djournal.com
- Occidental, Weyerhaeuser to evaluate potential Louisiana carbon capture hub (NYSE:OXY) | Seeking Alpha
- Oxy Low Carbon Ventures and Weyerhaeuser reach lease (globenewswire.com)
- B&W, Kiewit partner to deliver 200 MW biomass plant in Louisiana | Biomassmagazine.com
- Opposition grows against Commonwealth LNG facility in Cameron Parish | Business | theadvocate.com
- A Primer On CCUS Regulation In Louisiana - Energy and Natural Resources - United States (mondaq.com)

Maryland

- After lengthy House debate, Md. Senate Committees agree to amendments on climate bill | WTOP News

Massachusetts

- State to Develop Proposal to Become Hydrogen Hub With Other Three States | Top Stories | primepublishers.com

Michigan

- Commentary: President Biden recommitted to climate action. Michigan's senators should follow his lead. | Crain's Detroit Business (crainsdetroit.com)

Minnesota

- Revised Future Fuels Act would tighten emissions standards - Session Daily - Minnesota House of Representatives (state.mn.us)

Nebraska

- 'Wild West territory': New fight over pipelines emerging in Nebraska | Nebraska News | journalstar.com

New York

- NY Governor proposes regional clean energy hydrogen hub - Offshore Energy (offshore-energy.biz)

North Dakota

- Plain Talk: North Dakota's Sierra Club doesn't oppose carbon capture pipeline | Say Anything (sayanythingblog.com)
- With cost upped to \$1.45B, Project Tundra seeks funds from North Dakota energy board - InForum | Fargo, Moorhead and West Fargo news, weather and sports
- Burgum statement on Biden administration's plan to release 180M barrels from Strategic Petroleum Reserve | North Dakota Office of the Governor (nd.gov)

Ohio

- In Canton, Portman Provides Remarks at the Utica Green Conference | Senator Rob Portman (senate.gov)

Pennsylvania

- Anti-RGGI bill passes House, moves to the Senate - Pittsburgh Business Times (bizjournals.com)
- Lawmakers move to block Pennsylvania from climate program, offer federal money instead | StateImpact Pennsylvania (npr.org)
- Legislation would create regulation for carbon dioxide capture projects - Pennsylvania Business Report (pennbizreport.com)

South Dakota

- SRO crowd of over 400 protest proposed Summit Carbon Solutions pipeline – The Garretson Gazette

Texas

- Monarch Energy Receives First Investment from Texas-based Lancium to Fuel Green Hydrogen Growth (prnewswire.com)
- Houston oil and gas company reveals details on \$1B carbon capture facility - Innovation Map

Virginia

- Old Bust Head unveils new carbon capture technology | News | fauquier.com

West Virginia

- Capito, Manchin, McKinley Urge EPA to Expedite Approval for States to Expand Carbon Capture Infrastructure (senate.gov)
- West Virginia Steps Toward Hydrogen Hub Despite Criticism (governing.com)
- West Virginia Officials Submit Hydrogen Hub Plan to Department of Energy | News, Sports, Jobs - The Intelligencer
- Biden and Manchin speak different languages on hydrogen - E&E News (eenews.net)

Wyoming

- Federal officials feature alternative uses for fossil fuel infrastructure in virtual workshop | National News | kpvi.com
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Upcoming events

April 1

- [Direct Air Capture: A key technology for net zero - Event - IEA](#)

April 3-8

- [2022 Carbon Capture, Utilization and Storage Conference | GRC](#)

April 6

- [A Climate for Business: Secretary Granholm on Driving U.S. Innovation | Webinar](#)

April 7

- [Virtual Kickoff to Regional Carbon Management Applicant Education Workshops | USEA](#)

April 15

- [CEJST Public Listening Session #2 | Council on Environmental Quality](#)

April 21

- [Spring 2022 Conference Ticket - Appalachian Hydrogen Carbon Capture Conference \(appahydrogencarbon.com\)](#)

May 16

- [Charting an Energy Transition Path Towards Economic Growth: ACCD and Team PA Event](#)

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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