

IIJA and IRA Funding Opportunities

Issue Area – Carbon Capture, Utilization, and Storage (CCUS)

Carbon Storage Validation and Testing

Funding for the development of new or expanded existing commercial (capacity of 50 or more million metric tons of CO₂) geologic carbon storage projects and associated carbon transportation infrastructure. Projects should build on the National Energy Technology Laboratory's (NETL) Carbon Storage Assurance Facility Enterprise (CarbonSAFE) Initiative by focusing on project development stages such as site characterization, permitting, and construction.¹

Eligibilities

Eligible Applicants – Individuals, institutions of higher education, for-profit entities, non-profit entities, and Tribal, state, and local governmental entities

Eligible Uses –

- Site characterization and permitting (CarbonSAFE phase III)
- NEPA, FEED (Front-end engineering and design) Studies, and Storage Field Development Plan Only (Carbon SAFE phase III.5)
- Construction (CarbonSAFE Phase IV)
- Storage feasibility (CarbonSAFE phase II)



IIJA Section 40305



\$2.25 billion FY 2022 - 2026



20 – 70 awards*



Status – Closed July 2023



Competitive – Yes



Expiration Date – 2026



Lead Agency –
DOE Office of Fossil Energy
and Carbon Management



Links –

- [Carbon Storage Validation and Testing Program Overview](#)

*Minimum 20-50% cost-sharing.

State Legislative Opportunities to Support

- Instruct the department of environment to inventory potential capacity for geologic sequestration of carbon. The inventory could include proximity to existing gas production and to gas distribution infrastructure.
- Instruct the department of environment to map existing pipeline rights of way available (now or in the future) for carbon transport.
- Develop or strengthen state incentives for the development and deployment of carbon capture technology.

References

¹ OFECM. 2023. "Funding Notice: Carbon Storage Validation and Testing." DOE Office of Fossil Energy and Carbon Management. March 10, 2023. <https://www.energy.gov/fecm/funding-notice-carbon-storage-validation-and-testing>