IIJA and IRA Funding Opportunities

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

Carbon Capture Technology Program, Front-End Engineering Design (FEED) for Carbon Dioxide (CO2) Transport Program

This funding opportunity is for projects that create and/or integrate a hub and cluster configuration, instead of standalone carbon capture, utilization and storage (CCUS)/ carbon dioxide removal (CDR) pipeline(s). Applicants can propose projects that will repurpose existing pipeline(s). Projects will expand DOE's understanding of "carbon transport costs, transport network configurations, and technical and commercial considerations to support the country's efforts to develop and deploy carbon capture and carbon dioxide removal technologies, carbon conversion, and storage at a fully-commercial scale."[1]

Eligibilities

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

Eligible Uses –

FEED studies for on- and offshore CO_2 pipeline infrastructure to transport CO_2 from one or more sources to one or more sinks.

IIJA Section 40303

$92 million FY 2022 - 2026

$750,000 to $3 million available in individual funds*

Status – Closed November 2022

Competitive – Yes

Expiration Date – 2026

Lead Agency – DOE Office of Fossil Energy and Carbon Management

Links –

- FEED for CO2 Transport Program Overview

*Minimum 20% cost-sharing requirement.

State Legislative Opportunities to Support

- 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. n.d. "Funding Notice: Bipartisan Infrastructure Law: Carbon Capture Technology Program, Front-End Engineering Design for Carbon Dioxide (CO2) Transport." DOE Office of Fossil Energy and Carbon Management. https://www.energy.gov/fecm/funding-notice-bipartisan-infrastructure-law-carbon-capture-technology-program-front-end

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