








Overview

- Project YaREN is being developed by Enbridge and Yara Clean Ammonia through their joint venture Ingleside Clean Ammonia Partners, LLC (ICAP).
- The facility will be a blue ammonia production and storage operation. Producing blue ammonia is a low-carbon alternative to traditional ammonia production methods, as it combines carbon dioxide capture and permanent sequestration technologies during the production of ammonia from natural gas.
- Permit applications are being submitted for a total production capacity of 2.8 million metric tons (MMT) of ammonia per year, which would be split between two 1.4 MMT production units.
- An estimated 95% of the carbon dioxide generated from the ammonia production process is anticipated to be captured and transported off site to nearby permanent geologic storage.
- ICAP is applying for an Air Quality New Source Review (NSR) and Prevention of Significant Deterioration (PSD) Permit through the Texas Commission on Environmental Quality (TCEQ). ICAP submitted this application on October 12, 2023.
- While current third-party schedules show carbon capture and sequestration (CCS) infrastructure to be available when the plant is ready for startup, in the event CCS infrastructure is not fully operational, and to allow for integration of CO₂ offtake with plant operations, ICAP is requesting provisional authorization to operate without CCS for a period up to 180 days after startup of each production unit.
- Through this air permit, ICAP will commit to meeting air emissions limits reflecting use of the best available control technology and will demonstrate that these limits are protective of the safety and well-being of area residents and the environment.

For questions about Project YaREN, please contact us at **361-461-0995** or email **EIECCCommHotline@enbridge.com**.

Initial scope of the project includes:

-  Project YaREN will file permit applications for a total production capacity of 2.8 MMT of ammonia per year, which would be split between two 1.4 MMT production units.
-  Approximately 95% of the carbon dioxide CO₂ generated from the production process is anticipated to be captured and transported to nearby permanent geologic storage
-  Project investment to build each unit is expected in the range of US\$2.6–\$2.9 billion
-  Production start-up anticipated in 2028
-  Construction of any facilities will be subject to the receipt of all necessary regulatory approvals

Timeline and next steps

- ICAP submitted this application on October 12, 2023.
- During its review of the permit application, TCEQ will open two 30-day public comment periods. The first will occur soon after the application is submitted. The second will occur at the end of TCEQ's review, once a draft permit is available.



Yara Clean Ammonia