

# Enbridge's Energy Infrastructure Projects

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# **Crude Oil Tank Terminals**

#### **Enbridge Houston Oil Terminal (EHOT)**

The Enbridge Houston Oil Terminal will further Enbridge's U.S. Gulf Coast strategy and create additional optionality for Enbridge and its customers.

The EHOT project is a new greenfield DOT-regulated crude oil storage terminal facility located in Jones Creek, Texas.

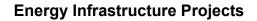
The project will include four above-ground storage tanks with a containment area, a new piping manifold, new electrical substation equipment, and a new administration building that includes a control room staffed 24/7. The project also includes the construction of one-mile piping laterals to tie the EHOT facility to the Seaway Jones Creek Facility.

EHOT will receive Canadian heavy crude and Domestic Sweet crude from 30" Seaway 1 and 30" Seaway 15 pipelines. Barrels will be metered upon entering the terminal and stored within four crude oil tanks. The initial four-tank buildout will have a shell capacity of 2.7 million barrels, with each tank having a shell capacity of 677,000 barrels.

The Texas Commission on Environmental Quality (TCEQ) air permit for EHOT was approved in 2020.

Construction is scheduled to commence in early June 2024, and the tanks and piping laterals are expected to be placed in service in 2026. Once completed, the EHOT facility will provide a flow rate of 930 Mbpd export capabilities.

- **Type**: Oil tank terminal
- Capacity: 2.7 MMbbls
- In-service target date: 2026
- **Ownership**: Enbridge Inc. (100%)





#### Ingleside Phase 7 Tank Expansion Project

The Ingleside Phase 7 Tank Expansion Project expands the crude oil storage capacity at Enbridge Ingleside Energy Center (EIEC).

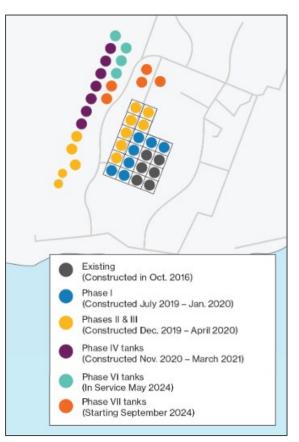
The project includes the construction of five additional 490,000 bbl tanks and related equipment at EIEC that will connect to existing facility infrastructure.

Construction is scheduled to start in June 2024 and is estimated to take 18 to 24 months to complete.

The tanks will be phased into service as they are constructed. The first tank is anticipated to be placed in service in late 2025.

All tanks have been permitted through Texas Commission on Environmental Quality (TCEQ) and we will coordinate with local agencies for local building permits.

- **Type**: Crude oil tanks
- In-service target date: Late 2025, phased into service as constructed
- **Ownership**: Enbridge (100%)





## **Natural Gas Transmission Pipelines**

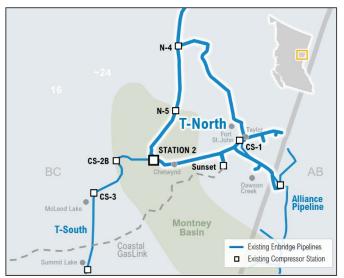
#### Aspen Point Program

Westcoast Energy Inc., a wholly owned affiliate of Enbridge Inc., is undertaking an expansion of the T-North section of its BC Pipeline to serve growing regional demand for natural gas and potential West Coast LNG exports.

The Aspen Point Program, with a preliminary capital cost of C\$1.2 billion, will provide up to 535 million cubic feet per day (MMcf/d) of new transportation capacity.

The T-North expansion project currently includes the installation of three pipeline segments, electric-driven compressor units with powerlines, a new meter station, and modifications to existing compressor stations.

The Project is expected to be placed in service in 2026. Westcoast filed an application with the Canada Energy Regulator (CER) in January 2024.



Meanwhile, regulatory and permitting processes has begun to facilitate feasibility studies and construction activities. Surveys, environmental studies, archaeological assessments and geotechnical field work are expected to be completed in 2025.

- Type: Natural gas pipeline expansion
- Status: Proposed
- Capacity expansion: 535 MMcf/d
- Expected to transport: Natural gas
- In-service target date: Q4 2026
- Ownership: Enbridge Inc.
- Operator: Westcoast Energy Inc.



#### Proposed Corpus Christi Natural Gas Pipeline Project

The proposed project would consist of a new, approximately 18-mile-long, 20-inch-diameter pipeline.

This pipeline will transport natural gas from the existing Texas Eastern Transmission, LP pipeline, connecting near the town of Taft, in San Patricio County, Texas, to an M&R station near the Enbridge Ingleside Energy Center.

- **Type**: Approx. 18 miles of 20-inch transmission pipeline
- **Status**: Early development
- In-service target date: 2027
- **Ownership**: 100% Enbridge





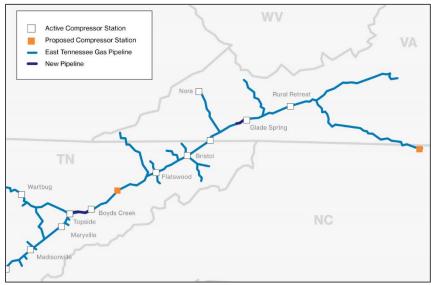
#### East Tennessee Natural Gas System Alignment Program

Enbridge, North America's largest energy infrastructure company, is planning to modify portions of its existing East Tennessee Natural Gas (ETNG) pipeline system, which has supplied natural gas to customers for more

than 70 years.

The proposed changes will improve the company's ability to meet shifting customer needs while continuing to provide affordable and reliable energy.

The East Tennessee Natural Gas System Alignment Program (ETNG SA Program) will consist of four projects across three states:



#### Tennessee

- Approximately 16.5 miles of new 24-inch-diameter pipeline next to an existing 16-inchdiameter pipeline within ETNG's existing pipeline right-of-way as much as possible in Knox and Sevier Counties
- A new electrically driven natural gas compressor station on open land along ETNG's existing pipeline right-of-way in Jefferson County

#### Virginia

• Replacement of 6.5 miles of existing 8-inch pipe with new 24-inch pipe within ETNG's existing pipeline right-of-way in Washington County

#### North Carolina

- A new electrically driven natural gas compressor station on open land along ETNG's existing pipeline right-of-way in Rockingham County
- Work on the ETNG SA Program will be located along the existing pipeline system's rightof-way where possible to minimize impacts to landowners and the environment.

- Type: Natural gas pipeline system modification
- Status: In development
- Expected to transport: Natural gas
- Ownership: Enbridge Inc.
- Expected in-service date: Fall 2027



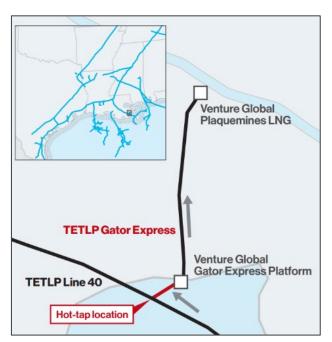
#### **Gator Express Meter Project**

The Gator Express Meter Project efficiently expands Texas Eastern's existing infrastructure and transportation capacity to serve Venture Global's Plaquemines LNG export facility.

Texas Eastern Transmission, LP ("Texas Eastern") proposes to construct, own and operate new metering and regulating facilities (M&R facilities) to be installed on Venture Global's Gator Express Platform, as well as interconnection piping and related facilities extending from Texas Eastern's Line 40 to the M&R facilities.

Once in-service, the project will supply 240,000 dekatherms per day (Dth/d) of firm capacity from Texas Eastern's Line 40, with ultimate delivery to Venture Global's Plaquemines LNG facility in Plaquemines Parish, Louisiana, approximately 20 miles south of New Orleans.

- Type: Natural gas pipeline
- Peak day capacity: 240,000 Dth/d
- In-service target date: 2023
- Docket number: CP22-43-000
- Ownership: Enbridge Inc. (100%)





#### **Ridgeline Expansion Project**

Enbridge is proud to be working with the Tennessee Valley Authority (TVA) on a project that would provide affordable and cleaner energy for the utility's customers.

We are proposing to design, construct and operate the Ridgeline Expansion Project (Ridgeline), an expansion of Enbridge's existing East Tennessee Natural Gas (ETNG) system.

The purpose of this proposed project is to provide natural gas to serve one of the power generation options that TVA is currently considering to replace the Kingston Fossil Plant. Replacing coal-fired generation at the Kingston Fossil Plant with natural gas would provide Tennesseans with a lower-carbon, cleaner-burning energy source as we transition toward the future.

The proposed scope includes the installation of approximately 117 miles of 30-inch pipeline looping, an approximately 8-mile 24-inch lateral and one electric-powered compressor station. The majority of the route for the proposed pipeline would be located within the existing system's right-of-way where possible to minimize impacts to landowners and the environment.

Ridgeline is in the preliminary phase of project development. All necessary regulatory authorizations from the Federal Energy Regulatory Commission (FERC) and other federal and state agencies are required before construction of the project can commence. Pending a positive final investment decision and the approval and receipt of all necessary permits, construction would begin in 2025 with a target in-service date of fall 2026.

- **Type**: Natural gas pipeline
- Status: Under review
- Expected to transport: Natural gas
- In-service target date: Fall 2026
- **Ownership**: Enbridge Inc. (100%)





#### **Rio Bravo Pipeline Project**

The Rio Bravo Pipeline Project is designed to transport up to 4.5 billion cubic feet per day of natural gas from the Agua Dulce supply area to NextDecade's Rio Grande LNG project in Brownsville, Texas.

The Rio Bravo Pipeline Project will provide 100 percent of the natural gas supply to NextDecade's Rio Grande liquified natural gas (LNG) export facility at the Port of Brownsville in South Texas.

The project consists of approximately 137 miles of new 48-inch- and 42-inch-diameter pipelines from a new compressor station in Kleberg County to NextDecade's facility in Brownsville.

Rio Bravo will provide pipeline infrastructure facilities to enable the Terminal to export natural gas to foreign markets, while also producing local, regional, and national benefits and minimizing environmental impacts.

All necessary regulatory authorizations from the Federal Energy Regulatory Commission (FERC) and other federal and state agencies are required before construction of the project can commence. Pending the approval and receipt of all necessary permits, construction would begin in 2025 with a target in-service date during the second half of 2026.

**On March 26, 2024**, Enbridge announced it had <u>entered into an agreement to form a joint</u> <u>venture</u> that will develop, build, own, and operate natural gas pipeline and storage assets connecting Permian Basin natural gas supply to growing LNG and U.S. Gulf Coast demand.

Upon closing of the transaction, Enbridge will contribute its wholly owned Rio Bravo pipeline project and ~US\$350MM in cash to the joint venture, and will fund the first ~US\$150MM of the post-closing capex to complete the Rio Bravo pipeline project. Enbridge will receive a 19% equity interest in the joint venture and retain a 25% economic interest in the Rio Bravo pipeline project, subject to certain redemption rights of the joint venture partners.

- **Type**: Natural gas pipeline
- Status: Under review
- Expected to transport: Natural gas
- In-service target date: 2026
- **Ownership**: Enbridge (25%)



#### Sunrise Expansion Program

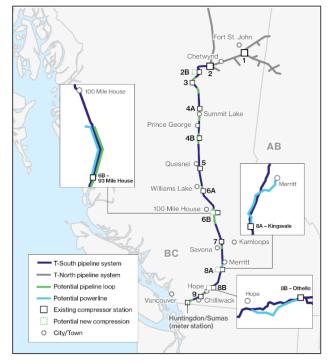
Westcoast Energy Inc. (Westcoast), an Enbridge company, owns and operates British Columbia's major natural gas transmission system referred to as the Westcoast or BC Pipeline system.

This system transports processed natural gas to consumers throughout the province, Alberta and the U.S. Pacific Northwest.

This gas is ultimately used to heat homes, businesses, hospitals and schools. It is also used as a fuel for electric power generation and is a staple in many industrial and manufacturing processes.

Following a successful open season in 2022 that resulted in requests for additional transportation capacity, Westcoast is proposing the Sunrise Expansion Program (Project), an expansion of the southern portion of the BC Pipeline system, known as T-South.

The proposed Project currently includes the installation of pipeline loops and additional compression at select existing compressor station sites. Westcoast is evaluating the use of electric-driven compressors, which would require new powerline infrastructure as well.



The Project will provide up to 300 million

cubic feet per day (MMcf/d) of additional natural gas transportation capacity on the T-South system.

The targeted in-service date is late 2028.

- Type: Natural gas pipeline expansion
- Status: Proposed
- Capacity expansion: 300 MMcf/d
- Expected to transport: Natural gas
- In-service target date: 2028
- Ownership: Enbridge Inc.
- **Operator**: Westcoast Energy Inc.

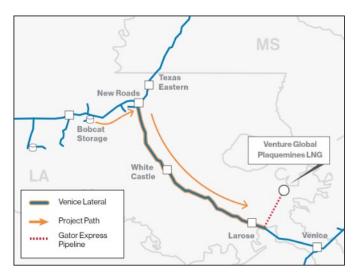


#### **Venice Extension Project**

The Venice Extension Project efficiently expands Texas Eastern's existing infrastructure and transportation capacity to connect North American supply to growing Gulf Coast markets

Texas Eastern Transmission, LP (Texas Eastern) is proposing to expand its system through the construction, replacement, and modification of facilities in Louisiana. Once in service, the Venice Extension Project will provide 1.26 billion cubic feet per day (Bcf/d) of firm natural gas transportation supply to the Venture Global Plaquemines LNG facility in Plaquemines Parish.

The proposed scope includes abandoning in-place a 2.2-mile-long existing segment to be replaced with a new 3-mile-long pipeline, and a new compressor station in Pointe Coupee Parish.



Texas Eastern will also modify two existing compressor stations in Iberville and Lafourche Parishes by abandoning in-place the existing, inactive compressor unit and installing one new compressor at each of the existing facility sites.

- Type: Natural gas pipeline
- Peak day capacity: 1.26 Bcf/d
- In-service target date: 2024
- Docket number: CP22-15-000
- **Ownership**: Enbridge Inc. (100%)



## **Natural Gas Distribution**

#### Dawn Corunna Project

To maintain the safe and reliable operation of our natural gas system, and to continue meeting the natural gas needs of our customers, Enbridge Gas is replacing some of our older natural gas storage and transmission assets in the St. Clair Township, Ontario, area.

The proposed project includes decommissioning seven of the 11 natural gas compressors currently located at the Corunna Compressor Station in St. Clair Township, which are approaching the end of their lifecycles.

The project also includes the construction of a new 36-inch diameter steel pipeline between the



Corunna Compressor Station and the Dawn Operations Centre, in the Township of Dawn-Euphemia.

This project has been approved by the Ontario Energy Board (OEB), and construction began on June 1, 2023. The pipeline was placed into service on Nov. 30, 2023. Additional station construction work and cleanup activities took place in 2024, and construction is complete as of Oct. 18, 2024.

Click here to see a project map. Visit the Enbridge Gas website for more information.



#### **Panhandle Regional Expansion Project**

To increase capacity and serve additional demand for affordable and reliable energy, Enbridge Gas is proposing to increase the capacity of the existing Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse, and power generation customers

in Windsor, Essex County, and Chatham-Kent, Ontario.

On May 14, 2024, the Ontario Energy Board (OEB) issued its Decision and Order, granting leave to construct the project. Construction on the project started June 16, 2024. As of Dec. 15, 2024, the pipeline is in service. Additional work on the project is scheduled to be completed in 2025.

Panhandle Loop

Construction of approximately 19 km of new pipeline, which loops—or parallels—the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the



Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.

Click here to see project maps. Visit the Enbridge Gas website for more information.



## **Offshore Projects**

#### **Canyon Gathering System**

The Canyon Gathering System will consist of a 12-inch-diameter gathering line traveling 60 miles with an expected capacity of 125 million cubic feet per day. The Canyon Gathering

System will connect subsea to Enbridge's existing Magnolia Gas Gathering Pipeline, which then delivers gas to Enbridge's downstream FERCregulated Garden Banks Gas Pipeline.

Project overview:

- Type: Natural gas pipeline
- Status: Under construction
- Length: 60 miles (97 km)
- Expected average annual capacity: 125MMcf/d
- Expected to transport: Natural gas
- In-service target date: 2029
- Ownership: Enbridge Inc.



#### Canyon Oil Pipeline System

The Canyon Oil Pipeline System will consist of a 24-to-26-inch-diameter line traveling 137 miles with an expected capacity of 200,000 barrels a day. The Canyon Oil system will originate in the

Keathley Canyon area, and deliver crude to the existing Green Canyon 19 platform, operated by Shell Pipeline Company LP, for ultimate delivery to the Louisiana market.

- Type: Oil pipeline
- Status: Under construction
- Length: 137 miles (220 km)
- Expected average annual capacity: 200,000 barrels per day
- Expected to transport: Crude oil
- In-service target date: 2029
- Ownership: Enbridge Inc.





#### **Sparta Gas Pipeline**

The Sparta Gas Pipeline, a 50-50 joint venture project with Shell Pipeline Company LP, will consist of a 10-inch-diameter gathering line traveling 17 miles with an expected capacity of 30

million cubic feet per day. Sparta Gas will connect subsea to Enbridge's existing Magnolia Gas Gathering Pipeline, which then delivers gas to Enbridge's downstream FERC-regulated Garden Banks Gas Pipeline.

Project overview:

- Type: Natural gas pipeline
- Status: Under construction
- Length: 17 miles (27 km)
- Expected average annual capacity: 30MMcf/d
- Expected to transport: Natural gas
- In-service target date: 2028
- Ownership: Enbridge Inc. (50%), Shell (50%)



#### **Sparta Oil Pipeline**

The Sparta Oil Pipeline, a 50-50 joint venture project with Shell Pipeline Company LP, will consist of an 18-inch-diameter line traveling 60 miles with an expected capacity of 86,000 barrels a day. Sparta Oil will deliver crude to the existing Auger Pipeline, operated by Shell Pipeline Company LP, for ultimate delivery to the Louisiana market.

- Type: Oil pipeline
- Status: Under construction
- Length: 60 miles (97 km)
- Expected average annual capacity: 86,000 barrels per day
- Expected to transport: Crude oil
- In-service target date: 2028
- Ownership: Enbridge Inc. (50%), Shell (50%)





#### St. James Development Project

A brownfield joint-development opportunity to develop a deep-water crude and refined products terminal in Louisiana.

The St. James Development Project is a brownfield joint-development opportunity to develop a deep-water crude and refined products terminal which will serve as an independent, third-party logistics solution for customers in the area.

Enbridge will hold a 50% interest in this brownfield opportunity, whose site is strategically located within the St. James petroleum crude hub in Louisiana and has access to ample marine waterfront and pipeline connectivity.

Enbridge acquired the project alongside a number of Gulf Coast assets from Moda Midstream, LLC in a <u>transaction announced</u> <u>Sept. 7, 2021.</u>



Facility and services:

- Existing waterfront with a ship and a barge dock
- Expansion capability for one additional ship and barge dock
- Up to 8 MMBBIs of permitted tank capacity
- Additional land available for storage expansion
- In-tank blending



# Wind Energy

#### **Calvados Offshore Wind Project**

Enbridge and its partners, EDF Renewables and Skyborn, are developing the Calvados Offshore Wind Project off the Bessin, France coastline.

The 448-megawatt (MW) wind farm will feature 64 7-MW Siemens Gamesa Renewable Energy (SGRE) turbines to be manufactured in France. The turbines will come from the same Quai, Joannes Couvert plant where SGRE will make turbines for our Fécamp offshore wind project.

Turbines will be located 10 kilometres off the Bessin coast, and deployed in an area of about 45 square km.

Enbridge has a 21.7% ownership stake in the Calvados Offshore Wind Project, which is expected to enter service in 2027.

#### Visit the project website for more information.

- **Type**: Wind energy project
- Status: Under construction
- Location: Courseulles sur Mer, about 10 km off Bessin's coast
- Expected in-service date: 2027
- Expected capacity: 448 MW
- Expected number of turbines: 64





# Solar Energy

#### **Cowboy Solar I & II and BESS Project**

Enbridge Inc. is proposing to build the hybrid, Cowboy Solar I & II and battery energy storage system (BESS) Project to provide clean electricity to the Cheyenne Light and Power (CLPT)

grid. Electricity demand in Wyoming is increasing and this project would help provide emissions-free, reliable electricity.

The project would be built in two stages which each including a 400 MW solar project and a 136 MW battery project.

#### **Project overview:**

- **Type**: Solar power and battery energy storage
- Status: Proposed
- Location: Laramie County, WY
- Expected capacity: Phase I—400 MW solar and 136 MW battery storage; Phase II—371 MW solar and 133 MW battery storage
- Expected in-service date: Phase I-2026, Phase II-2027

#### Orange Grove Solar

Enbridge Inc. is proposing to build the Orange Grove Solar Project to provide clean electricity to the Texas grid. Electricity demand in Texas is increasing and this project would help to meet that growing demand in the Electric Reliability

Council of Texas (ERCOT) market.

The Orange Grove Solar Project will be 130 megawatts AC (MWs) once complete in mid-2025.

- **Type**: Solar power
- **Status**: Planned, preparing for construction
- Location: Jim Wells County, Texas
- Expected capacity: 130 MW
- Expected commercial operation date: Mid-2025







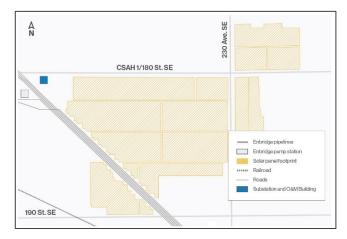
#### Plummer Solar

Enbridge is proposing to build the Plummer Solar project to provide clean electricity to the Midcontinent Independent System Operator (MISO) grid. Electricity demand in Minnesota and throughout MISO is increasing and this project would help provide emissions-free, reliable electricity.

If constructed, the project is expected to provide 130 MW of solar energy.

#### **Project overview:**

- Type: Solar power
- Status: Proposed
- Location: Red Lake County, MN
- Expected capacity: 130 MW
- Expected in-service date: 2029



#### Sequoia Solar Project

Enbridge Inc. is proposing to build the Sequoia Solar Project to provide clean electricity to AT&T and Toyota. Electricity demand in Texas is increasing and this project would help to meet that

growing demand in the Electric Reliability Council of Texas (ERCOT) market.

The Sequoia Solar Project will be 815 megawatts ac (MW) once completed in late 2025/early 2026.

- **Type**: Solar power
- **Status**: Planned, preparing for construction
- Location: Callahan County, Texas
- Expected capacity: 815 MW
- Expected commercial operation date: 2026





#### Seven Stars Energy Project

Enbridge is proposing to build the Seven Stars Energy project to provide clean electricity to the SaskPower grid. Electricity demand throughout the province of Saskatchewan is increasing and this project would help provide emissions-free, reliable electricity.

If constructed, the project is expected to be a 200 MW wind farm. Seven Stars Energy would provide enough electricity to power over 100,000 average Saskatchewan homes, once operational.

- **Type**: Wind power
- Status: Proposed
- Location: Rural Municipality of Weyburn No. 67 and Rural Municipality of Griffin No. 66, Saskatchewan
- Expected capacity: Up to 200 MW
- Expected in-service date: 2027





# **LNG Export Facilities**

#### Delfin LNG

Delfin LNG is a deepwater port project in the Gulf of Mexico designed to support up to four Floating Liquefied Natural Gas (FLNG) vessels and produce up to 13.3 million tonnes of LNG per year.

The Delfin LNG export facility, about 40 miles off the coast of Louisiana, will include the UTOS pipeline, which was formerly owned and operated by Enbridge and is the only 42-inch-diameter natural gas pipeline in the Gulf.

Enbridge has a 5% ownership stake in the Delfin LNG project, which is expected to begin operations in 2027. <u>Visit the Delfin LNG website</u>.

- **Type**: Liquefied Natural Gas (LNG) deepwater port export facility
- Status: In development
- Location: Grand Chenier, LA
- Expected in-service date: 2027





#### Woodfibre LNG

Enbridge Inc. and Pacific Energy Corporation Limited <u>announced in July 2022 an agreement</u> to jointly invest in the construction and operation of the Woodfibre LNG project.

Woodfibre LNG is a 2.1 million-tonne-peryear liquefied natural gas (LNG) export facility with 250,000 m3 of floating storage capacity being built near Squamish, BC. The project is underpinned by two longterm offtake agreements with BP Gas Marketing Limited for 15 years representing 70% of the capacity, with additional commitments in development for up to 90%.

Woodfibre LNG announced in April 2023 that it had issued Notice to Proceed to global engineering and construction company McDermott International and that the project is expected to be in service in 2027.



Under the partnership agreement,

Enbridge will invest in a 30% ownership stake in the US\$5.1-billion Woodfibre LNG project, with Pacific Energy retaining the remaining 70% stake in the facility.

#### Visit the Woodfibre LNG project website.

- **Type**: Liquefied Natural Gas (LNG) export facility
- **Status**: Under construction
- Location: Squamish, BC
- Expected in-service date: 2027
- **Ownership**: Pacific Energy 70%, Enbridge Inc. 30%
- Project website: <u>https://woodfibreIng.ca/</u>



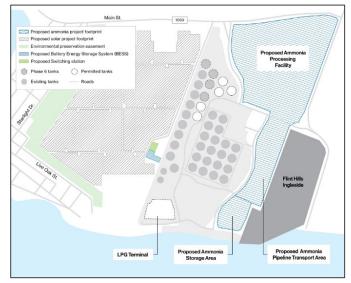
## **Ammonia Production**

#### Project YaREN: Blue ammonia at Ingleside

Project YaREN is being developed by Enbridge and <u>Yara Clean Ammonia</u> through their joint venture Ingleside Clean Ammonia Partners (ICAP). The proposed ammonia production facility, which includes autothermal reforming with carbon capture, will be located at the Enbridge Ingleside Energy Center (EIEC) near Corpus Christi, TX.

The name "YaREN" is a combination of the two company names. "Ren" is also the Norwegian word for "clean," a reflection of the blue ammonia process being implemented at the facility.

Project YaREN will file permit applications 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. The project investment to build the first unit is expected in the range of US\$2.6–\$2.9 billion, with production start-up anticipated in 2028. An estimated 95% of the carbon dioxide generated from the ammonia production process is anticipated to be captured and transported to nearby permanent geologic storage in South Texas.



Enbridge and Yara's combined complementary strengths will be critical to advancing the project from development through to commercial operation. Yara is a global industry-leader in ammonia development, production, operations, and distribution, while Enbridge has large-scale infrastructure development expertise and world-class deep-water docks and export platform at EIEC. In addition, Yara, the world's largest ammonia distributor, is expected to contract full offtake from the facility, which further enhances strategic value and commercial viability.

View the project website.

- **Type**: Blue ammonia production and export facility
- Status: Early development
- **Capacity**: Up to 2.8 million metric tons (MMT) of ammonia per year
- In-service target date: 2028
- Ownership: Ingleside Clean Ammonia Partners, LLC (ICAP), a 50-50 joint venture between Enbridge and <u>Yara Clean Ammonia</u>



# **Carbon Capture and Sequestration**

#### **Open Access Wabamun Carbon Hub**

Collaborative low-carbon solutions like the Wabamun Hub under development west and north of Edmonton, Alberta, Canada are needed across North America to support decarbonization of industries like cement, power generation, steel, petrochemicals, hydrogen, and oil and gas production and refining.

The Wabamun Hub is being developed to provide dedicated, utility-scale carbon dioxide (CO2) transportation and storage solutions serving CO2 capture projects including Heidelberg Materials' <u>Edmonton Capture</u> <u>Project</u> (more than 1 million tonnes per annum (Mtpa) of CO2).

The Wabamun Hub is being designed on an open-access basis for other nearby industrial facilities.



Importantly, once built, the five most proximate Indigenous communities (Alexander First Nation, Alexis Nakota Sioux Nation, Enoch Cree Nation, Paul First Nation, and the Lac Ste. Anne Métis Community Association) will have the opportunity to co-own the Wabamun Hub's CO<sub>2</sub> transportation and storage infrastructure, which will generate meaningful, predictable, and long-term revenue streams for these communities.

- **Type**: Carbon transportation and storage
- Status: In development
- **To transport**: Carbon dioxide (supercritical phase)
- **Target storage formations**: Basal Sandstone Unit (2,300-3,300 metres) and Nisku formation (1,550-2,200 metres)
- Target in-service dates: Late 2026 and 2027

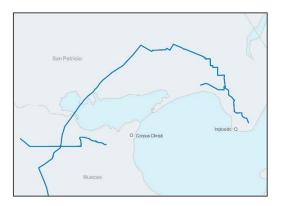


#### Proposed Corpus Christi Carbon Dioxide Pipeline Project

Enbridge and its potential joint venture partner, Oxy Low Carbon Ventures (OLCV), continue to work towards jointly developing a carbon dioxide (CO2) sequestration hub in the Corpus Christi area of the Texas Gulf Coast.

Enbridge and OLCV signed a letter of intent in November 2022 to explore this project, which would include the development of a CO2 pipeline transportation system and sequestration facility.

The potential Corpus Christi Carbon Dioxide Pipeline Project would consist of a new, approximately 64mile-long carbon dioxide transportation pipeline system with multiple receipt points throughout San Patricio and Nueces Counties, and one delivery point to an underground sequestration facility in Kleberg County, Texas.



- **Type**: Approx. 64 miles of CO<sub>2</sub> transportation pipelines
- Status: Early development
- In-service target date: 2027
- **Ownership**: Potential joint venture between Enbridge and Oxy Low Carbon Ventures (OLCV)



## **Renewable Natural Gas**

#### **Integrated Diversion and Energy Facility**

Divert, Inc., an impact technology company on a mission to Protect the Value of Food<sup>™</sup>, <u>announced in September 2023 the groundbreaking</u> on its Integrated Diversion & Energy Facility in Longview, Washington, the first-of-its-kind in the state.

The new facility will have the capacity to process 100,000 tons of wasted food a year from Washington and Oregon into carbon negative renewable energy, bringing the region closer to its goals to reduce wasted food

and greenhouse gas (GHG) emissions.

Enbridge and Divert, Inc. are proponents of the US\$100million, 66,000-square-foot plant.

The proposed development stems from an alliance formed in March 2023, when Enbridge acquired a 10% stake in Concord, MA-based Divert and the two announced a \$1-billion infrastructure development agreement aimed at growing supply of RNG, lowering GHG emissions and helping solve the alarming, global issue of how society manages wasted food.



The Longview facility is the first endeavor to emerge from this infrastructure development agreement.