



# Going deep: Enbridge's offshore pipelines

As one of the largest gas transporters in the Gulf of Mexico, Enbridge handles more than 40% of total offshore natural gas production and an even larger share of deepwater natural gas production.

Enbridge's offshore pipelines consist of 11 active natural gas gathering and Federal Energy Regulatory Commission (FERC)-regulated transmission pipelines, and four active oil pipelines, that collectively span more than 1,200 miles and traverse four major corridors in the U.S. Gulf of Mexico.

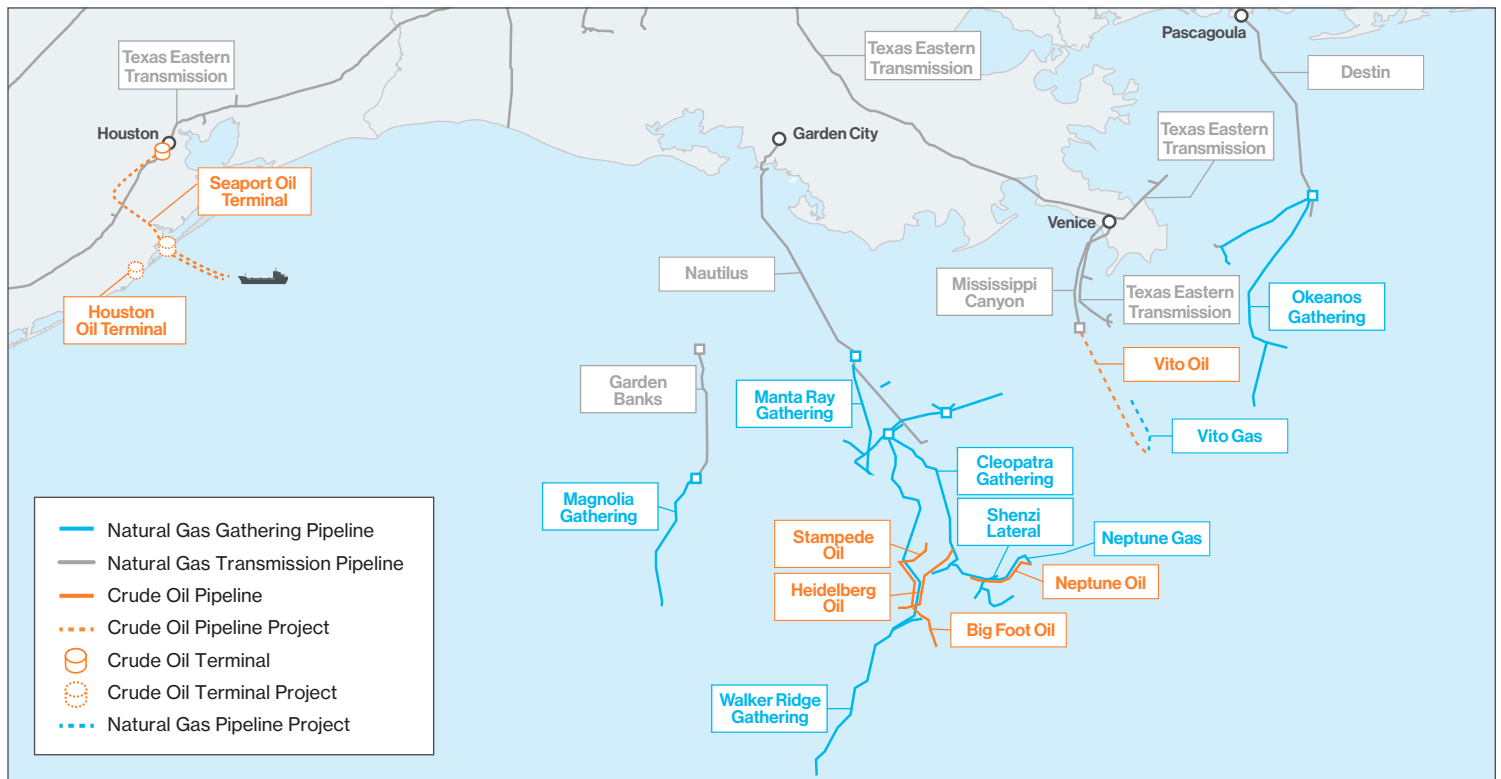
These pipelines extend from deepwater developments nearly 200 miles from shore to Gulf Coast delivery points in Louisiana and Mississippi.

Enbridge's offshore natural gas assets include the Cleopatra, Destin, Garden Banks, Manta Ray, Mississippi Canyon, Nautilus, Okeanos and Walker Ridge systems, and individual laterals to the Magnolia, Neptune and Shenzi developments.

Our offshore crude oil assets include individual lateral pipelines to the Heidelberg, Neptune, Stampede and Big Foot developments. Enbridge is constructing oil and gas export pipelines for the Vito development, which is expected to enter service in 2022.

*Please see reverse for a map and a detailed description of Enbridge's offshore pipeline assets.*

# Enbridge's offshore pipelines



## Natural gas pipelines\*

**Cleopatra Gathering Pipeline:** A 20-inch-diameter gathering line traversing 110 miles with a capacity of 500 MMcf/d. Enbridge has a 22% ownership interest in the line, which is operated by joint venture partner Shell Pipeline.

**Destin Pipeline:** A 24-to-36-inch-diameter, FERC-regulated transmission line traversing 385 miles with a capacity of 1,200 MMcf/d. Destin Pipeline transports offshore gas to a processing plant at Pascagoula, MS, then continues onshore to interconnections with six major interstate pipelines. Enbridge has a 33% ownership interest in the line, which is operated by joint venture partner Third Coast Midstream.

**Garden Banks Pipeline:** A 30-inch-diameter, FERC-regulated transmission line traversing 52 miles with a capacity of 1,000 MMcf/d. Garden Banks delivers into three major interstate pipelines offshore.

**Magnolia Gathering Pipeline:** A 16-inch-diameter gathering line traversing 52 miles with a capacity of 275 MMcf/d.

**Manta Ray Offshore Gathering Pipeline:** A 14-to-24-inch-diameter gathering system traversing 241 miles, with a capacity of 800 MMcf/d. Enbridge operates and has a 74.33% ownership interest in the line.

**Mississippi Canyon Pipeline:** A 30-inch-diameter, FERC-regulated transmission line traversing 44 miles with a capacity of 800 MMcf/d. The pipeline transports offshore gas to a processing plant in Venice, LA, for ultimate delivery into three major pipelines.

**Nautilus Pipeline:** A 30-inch-diameter, FERC-regulated transmission line traversing 96 miles with a capacity of 600 MMcf/d. Enbridge has a 74.33% ownership interest in the line. Nautilus transports offshore gas to a processing plant near Garden City, LA, and provides subsequent delivery into six major pipelines.

**Neptune Gas Pipeline:** A 12.75-inch-diameter gathering line traversing 28 miles with a capacity of 100 MMcf/d.

**Okeanos Gathering Pipeline:** A 20-to-24-inch-diameter gathering line traversing 99 miles with a capacity of 1,000 MMcf/d. Enbridge has a 33% ownership interest in the line, which is operated by joint venture partner Third Coast Midstream.

**Shenzi Lateral Pipeline:** A 12-inch-diameter gathering line traversing 10 miles with a capacity of 100 MMcf/d.

**Walker Ridge Gas Gathering System:** An 8-to-10-inch-diameter gathering line traversing 153 miles with a capacity of 120 MMcf/d.

## Crude oil pipelines

**Big Foot Oil Pipeline:** A 20-inch-diameter line traversing 40 miles with a capacity of 100,000 barrels per day.

**Heidelberg Oil Pipeline:** A 20-inch diameter, 34-mile line with a capacity of 120,000 barrels per day.

**Neptune Oil Pipeline:** A 20-inch-diameter line traversing 26 miles with a capacity of 60,000 barrels per day.

**Stampede Oil Pipeline:** An 18-inch-diameter line traversing 16 miles with a capacity of 120,000 barrels per day.

## Planned projects

**Houston Oil Terminal:** Enbridge is developing a new terminal in the Houston area that will be fully integrated into the Seaway system with access to all existing delivery points and could have future connectivity to both SPOT and Gray Oak. The location supports up to 15 million barrels of tankage and is expected to be in service by 2023.

**Seaport Oil Terminal (SPOT):** Enbridge, through the Seaway Pipeline System, has two existing docks for export at Freeport and Texas City, and has negotiated an option to buy a portion of SPOT. This terminal will provide direct loading capabilities into VLCCs with a design loading rate of 85,000 barrels per hour. SPOT is expected to receive permits in 2022 with an estimated in-service date of 2024.

**Vito Gas Pipeline Project:** A 10-inch-diameter line traversing 17 miles with a capacity of 80 MMcf/d, and expected to enter service in 2022.

**Vito Oil Pipeline Project:** A 18-inch-diameter line traversing 51 miles with a capacity of 120,000 barrels per day, and expected to enter service in 2022.

\*All entities are 100% owned and operated by Enbridge, except where noted.