

## GAS

### The Americas | U.S.

#### ADELPHIA GATEWAY LLC – (REV 12/22)

**Project:** Adelphia Gateway conversion  
**Location:** Southeast Pennsylvania  
**Dimensions:** 50 miles of an existing 84-mile pipeline  
**Service Date:** In service 2022  
**Notes:** The project will complete conversion from oil to natural gas that began in 1996. The 18-inch poly-coated seamless steel Adelphia Gateway pipeline crosses through portions of Delaware, Chester, Montgomery, Bucks and Northampton counties. When in service, it will add 250 MMcf/d, giving customers in the greater Philadelphia area a new source of natural gas.

#### ENERGY TRANSFER PARTNERS – (REV 11/20)

**Project:** Revolution Pipeline  
**Type:** Project includes the construction of pipeline and a fractionation facility  
**Length:** 120 miles  
**Diameter:** 24 and 30 inches  
**Capacity:** 440 MMcf/d  
**Location:** Butler County, PA – Revolution Plant

**Contractor:** Capstone Energy  
**Type:** Project includes pipeline construction  
**Contractor:** Pumpco  
**Type:** Project includes pipeline construction

#### EQT MIDSTREAM PARTNERS LP – (REV 2/18)

**Project:** Equitrans Expansion Project  
**Type:** Project includes construction of pipeline and expansion of existing compressor stations  
**Length:** 8 miles  
**Diameter:** 6 and 30 inches  
**Location:** Greene, Allegheny and Washington counties, PA; Wetzell County, WV  
**Capacity:** 600 MMcf/d

#### IGNITIS GROUP (REV 1/23)

**Project:** GIPL pipeline  
**Length:** 316-mile (508-km), 28-inch diameter  
**Capacity:** 1.9 Bcm annually (183.8 MMcf/d)  
**Location:** The pipeline runs from the Jauniūnai Gas Compressor Station (GCS) in Lithuania to the Hotowczyce GCS on the Polish side of the border.  
**Start:** Underway  
**Completion:** In operation 2022  
**Notes:** The GIPL pipeline construction is due to be completed by December 2021 and will also give Finland, Estonia and Latvia access to gas from continental Europe.

#### KINDER MORGAN INC. – (REV 8/21)

**Project:** SK Pipeline  
**Type:** Project includes construction of pipeline and additional compressor facilities

**Length:** 40 miles  
**Diameter:** 30 inches  
**Location:** West Columbia, TX - Stratton Ridge, TX  
**Capacity:** 320 MDth/d  
**Completion:** Cancelled  
**Operator:** Tennessee Gas Pipeline Co. LLC  
**Project:** Abandonment and Capacity Restoration Project (ACR Project)

**Type:** Project includes abandonment of certain natural gas pipeline facilities and modifications of existing pipeline facilities and compressor stations  
**Length:** 964 miles (abandonment)  
 14 miles (construction)

**Diameter:** 2, 16, 30 and 36 inches  
**Location:** Natchitoches Parish, LA; Columbiana County, OH; Kentucky  
**Comments:** Project will abandon pipeline facilities from Station 40 in Natchitoches Parish, LA, to Station 216 in Columbiana County, OH, and construct replacement facilities in OH and KY. Construction of the replacement facilities will enable TGP to abandon the lines by sale to UMTF, which plans to convert the lines to non-jurisdictional natural gas liquids transportation as a component of the UMTF Project

#### MILLENNIUM PIPELINE CO. LLC – (REV 3/19)

**Project:** Eastern System Upgrade  
**Type:** Project includes construction of looped pipeline, new compression capabilities and upgrades to existing stations  
**Length:** 10 miles  
**Diameter:** 36 inches  
**Location:** Rockland County, NY  
**Capacity:** 200 MDth/d  
**Completion:** Delayed

#### MOUNTAIN VALLEY PIPELINE LLC – (REV 1/22)

**Project:** Mountain Valley Pipeline  
**Type:** Project includes construction of pipeline and three compressor stations  
**Length:** 301 miles  
**Diameter:** 42 inches  
**Location:** Wetzell County, WV - Pittsylvania County, VA  
**Capacity:** 2 Bcf/d  
**Completion:** 2023  
**Contractor:** Precision Pipeline LLC  
**Type:** Project includes pipeline construction  
**Contractor:** Price Gregory International  
**Type:** Project includes pipeline construction

**Contractor:** US Trinity Energy Services LLC  
**Type:** Project includes pipeline construction

#### PASO NORTE PIPELINE GROUP – (REV 11/20)

**Project:** Paso Norte Pipeline  
**Type:** Project includes pipeline construction  
**Length:** 340 miles  
**Diameter:** 32 inches  
**Location:** Deming, NM - Mexico/Chihuahua  
**Capacity:** 366 MMcf/d  
**Construction:** On hold  
**Comments:** Project will deliver efficient, clean burning, and cost effective natural gas from the United States to a dynamic region of North Central Mexico; the western portion of the State of Chihuahua

#### PIEDMONT NATURAL GAS CO. INC. – (REV 04/21)

**Project:** Line 434 Project  
**Type:** Project includes construction of gas distribution lines and facilities  
**Length:** 35 miles  
**Diameter:** 30 inches  
**Location:** Laurinburg, NC  
**Capacity:** 219.2 MMcf/d  
**Comments:** Project will put swine-waste gas on Piedmont's system for use by Duke Energy at two of its plants (H.F. Lee Station Combined Cycle Plant and Sutton Combined Cycle Plant)  
**Contractor:** Troy Construction Co.  
**Type:** Project includes pipeline construction

#### SUMMIT MIDSTREAM PARTNERS, DOUBLE E PIPELINE – (REV 1/22)

**Project:** Double E Natural Gas Pipeline  
**Length:** 135.2 miles  
**Diameter:** 30- 42-inch pipeline  
**Location:** Delaware Basin of West Texas and New Mexico to near Waha in West Texas where it will connect to other pipelines.  
**Capacity:** 1.35 MMcf/d  
**Completion:** In Service  
**Comments:** The company expects to gain FERC approval after completing a right-of-way grant from the Bureau of Land Management.

#### TALLGRASS ENERGY – (3/21)

**Project:** Cheyenne Connector  
**Location:** Colorado to Wyoming  
**Dimensions:** 70-mile, large diameter pipeline  
**Capacity:** 600 MMcf/d  
**Completion:** In service  
**Notes:** The intrastate pipeline will transport natural gas from Colorado's DJ Basin to Cheyenne, Wyo., for delivery to the Tallgrass Energy's Rockies Express Pipeline.

#### TALLGRASS INTERSTATE GAS TRANSMISSION LLC – (REV 2/18)

**Owner:** Tallgrass Energy Partners LP

Projects added and updated for the current month are highlighted

**Project:** Segment 55 Pipeline Abandonment Project  
**Type:** Project includes abandoning an existing pipeline segment in place  
**Length:** 47 miles  
**Diameter:** 16 inches  
**Location:** Converse and Platte counties, WY  
**Comments:** Segment will be sold to Tallgrass Midstream LLC and converted to a crude oil pipeline

### TELLURIAN – (09/20)

**Project:** Haynesville Global Access Pipeline (HGAP)  
**Capacity:** 2 Bcf/d  
**Location:** Southwest Louisiana  
**Dimensions:** 160 miles of gas pipeline.  
**Completion:** 2Q 2023 (work to begin 2022)  
**Summary:** Tellurian is currently seeking shippers for its pipeline and production facilities in DeSoto Parish, which will be connected to existing and proposed infrastructure near Gillis in Calcasieu Parish.

### TELLURIAN – (09/20)

**Project:** Delhi Connector Pipeline (DCPL)  
**Capacity:** 2 Bcf/d  
**Location:** Southwest Louisiana  
**Dimensions:** 180 miles of 42-inch gas pipeline.  
**Completion:** 2023 (work to begin 2021)  
**Summary:** Tellurian began a binding open season for the Delhi Connector, joining the Perryville/Delhi Hub in Richland Parish, to Gillis, La.

### WBI ENERGY INC. – (REV 10/18)

**Project:** Valley Expansion Pipeline Project  
**Type:** Project includes construction of pipeline, interconnect facilities, an electric compressor station, replacement of two existing town border stations and the construction a regulator station  
**Length:** 38 miles  
**Diameter:** 16 inches  
**Location:** Clay County MN; Cass, Burleigh, Stutsman and Barnes counties, ND  
**Capacity:** 40 MMcf/d  
**Project:** Line Section 27 Expansion  
**Type:** Project includes expansion of the existing Line Section 27 pipeline including pipeline construction and installation of associated facilities  
**Length:** 13 miles  
**Diameter:** 24 inches  
**Location:** Northwest North Dakota  
**Capacity:** 200 MMcf/d  
**Comments:** Upon completion, the total transportation capacity on WBI Energy's Line Section 27 will be over 600,000 Dth/d

### WILLIAMS – (REV 02/21)

**Project:** Northeast Supply Enhancement (NSE)  
**Capacity:** 400.2 Btu/d  
**Location:** Northeast  
**Dimensions:** 10 miles of 42-inch pipe; offshore 23 miles of 26-inch pipe.  
**Completion:** Cancelled  
**Summary:** FERC issued a certificate of public convenience and necessity to Williams authorizing the Northeast Supply Enhancement (NSE) project – an expansion of the existing Transco natural gas pipeline designed to serve New York markets. The project will expand existing Transco pipeline infrastructure in Pennsylvania, New Jersey and New York primarily by looping – placing new pipe alongside of existing pipe parallel to the existing right-of-way. The project will also add 21,902 hp at an existing compressor station, a new 32,000 hp compressor station and related facilities.

### WILLIAMS PARTNERS LP – (REV 01/22)

**Project:** Gateway Expansion Project  
**Type:** Project includes installation of additional electric horsepower at an existing compressor station (Station 303), modifications to an existing meter station and the replacement of an existing meter station  
**Location:** Essex County, NJ; Passaic County, NJ  
**Capacity:** 65,000 Dth/d  
**Completion:** In service  
**Status:** Project has FERC approval  
**Comments:** Williams has executed agreements with PSEG Power and UGI Energy Services for firm transportation service under the project

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### The Americas | CANADA

#### ENBRIDGE INC. – (REV 01/22)

**Project:** Spruce Ridge Program  
**Type:** Project includes the addition of two new sections of pipeline and additional compression on an existing pipeline  
**Length:** 25 miles  
**Diameter:** 24 and 36 inches  
**Location:** Chetwynd, BC and Fort St. John, BC  
**Capacity:** 402 MMcf/d  
**Completion:** In service November 2021

#### PEMBINA PIPELINE CORP. – (REV 4/20)

**Project:** Peace Pipeline Expansion (Phase VI)  
**Type:** Project includes pipeline construction and installation of additional pump stations  
**Diameter:** 16 and 20 inches  
**Location:** LaGlacé - Wapitiand, AB and Kakwa to

Lator, AB

**Completion:** 2022

#### TRANSCANADA CORP. – (REV 11/18)

**Operator:** Coastal GasLink Pipeline Ltd.  
**Project:** Coastal GasLink Pipeline  
**Type:** Project includes construction of pipeline and compressor stations  
**Length:** 416 miles  
**Diameter:** 48 inches  
**Location:** Dawson Creek - Kitimat, B.C.  
**Completion:** 2Q 2024  
**Contractor:** Pacific Atlantic Pipeline Construction Inc.  
**Type:** Contract includes pipeline construction  
**Contractor:** Surerus Murphy Joint Venture  
**Type:** Contract includes pipeline construction  
**Contractor:** SA Energy Group  
**Type:** Contract includes pipeline construction  
**Contractor:** Macro Spiecapag Joint Venture  
**Type:** Contract includes pipeline construction  
**Project:** North Montney Project  
**Type:** Project includes construction of pipeline, associated metering facilities, valve sites and compression facilities  
**Length:** 190 miles  
**Diameter:** 42 inches  
**Location:** Peace River, AB  
**Completion:** Undetermined  
**Contractor:** Quanta Services Inc.  
**Type:** Contract includes pipeline construction for spread three of the mainline  
**Length:** 39 miles  
**Location:** Fort St. John, BC

**Contractor:** Macro Enterprises Inc.  
**Type:** Contract includes pipeline construction for spread two of the project  
**Contractor:** Spiecapag  
**Type:** Contract includes pipelaying for the project

## GAS

### The Americas | CARIBBEAN/SOUTH CENTRAL AMERICA

#### ENERGÍA ARGENTINA S.A. – (REV 3/19)

**Project:** Argentina Northeast Gas Pipeline  
**Segment 1:** Formosa, Salta and Santa Fe  
**Segment 2:** Formosa, Chaco and Santa Fe  
**Segment 3:** Corrientes and Misiones  
**Type:** Project includes the construction of three sections, comprising 1,810 km of trunk lines and 2,334 km of branch lines  
**Length:** 2,574 miles (trunklines: 1,450) (gathering lines: 1,124 miles)  
**Diameter:** 24 inches (trunklines) 4 to 10 inches (gathering lines)  
**Location:** Formosa, Chaco, Santa Fe, Salta, Corrientes and Misiones provinces, Argentina

Projects added and updated for the current month are highlighted

**Capacity:** 11.2 MMcf/d  
**Comments:** Project will supply natural gas to 168 cities and will connect to the national pipeline network and to the Juana Azurduy Pipeline linking Argentina with Bolivia  
**Contractor:** Tenaris  
**Type:** Contract includes pipe supply  
**Length:** 1,330 miles (trunklines)  
 403 miles (gathering lines)

**Contractor:** SIAT S.A.  
**Type:** Contract includes pipe supply

**Contractor:** Techint E&C-Panedile  
**Type:** Contract includes engineering and construction  
**Segment:** Section I

**Contractor:** Vertúa S.A.  
**Type:** Contract includes engineering and construction  
**Segment:** Section II  
**Contractor:** Helpert-CPC-Rovella Carranza and Contreras Hnos  
**Type:** Contract includes engineering and construction  
**Segment:** Section III

## PERU – (REV 11/17)

**Project:** Southern Peruvian Gasline  
**Type:** Project includes pipeline construction  
**Length:** 620 miles  
**Diameter:** 32 inches  
**Location:** Camisea field - Southern Peru  
**Capacity:** 800 MMcf/d  
**Status:** Peru has canceled a contract for construction of the pipeline after the consortium hired to build it failed to meet its financing deadline. Odebrecht SA, the subject of a multinational corruption investigation, led the consortium with a 55% stake, Enagas SA held 25% and Grupo Grana y Montero 20%  
**Comments:** If built, project will improve the existing Peruvian Energy Network, contributing to the development of an Energy Node and Petrochemical Hub in Southern Peru

**Contractor:** Tipiel SA  
**Type:** Project includes the front-end engineering and design for the pipeline

## PRUMO LOGISTICA, BP, SIEMENS (REV 7/21)

**Project:** Gas Natural Açus (GNA)  
**Location:** state of Rio de Janeiro  
**Completion:** 2023  
**Summary:** The project, which involves new oil pipelines connected to the grids and storage, gained regulatory approval for LNG imports and satisfied lender conditions for \$750 million in project financing to complete the 1.3 GW first

phase of its LNG-to-Power complex at the Port of Açu.

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### The Americas | MEXICO

#### COMISION FEDERAL DE ELECTRICIDAD – (REV 12/17)

**Project:** Empalme Branch Pipeline  
**Type:** Project includes pipeline construction  
**Length:** 12.5 miles  
**Diameter:** 24 inches  
**Location:** Sonora - Empalme  
**Capacity:** 236 MMcf/d  
**Status:** Project is experiencing commissioning delays

**Comments:** Project will transport gas from the Sásabe-Guaymas and Guaymas-El Oro pipelines to a combined cycle power plant

**Contractor:** Gasoducto de Aguaprieta  
**Type:** Project includes pipeline construction  
**Project:** Hermosillo Branch Pipeline  
**Type:** Project includes pipeline construction  
**Length:** 30 miles  
**Diameter:** 16 inches  
**Location:** Sonora - Hermosillo  
**Capacity:** 100 MMcf/d  
**Status:** Project is experiencing commissioning delays

**Comments:** Project will transport gas from the Sásabe-Guaymas Pipeline to a combined cycle power plant

**Contractor:** Gas Natural del Noroeste  
**Type:** Project includes pipeline construction

#### TRANSCANADA CORP. – (REV 4/19)

**Project:** Tuxpan-Tula Pipeline  
**Type:** Project includes the construction and operation of a natural gas pipeline  
**Length:** 178 miles  
**Diameter:** 36 inches  
**Location:** Tuxpan, Veracruz - Tula  
**Capacity:** 703 MMcf/d  
**Completion:** Delayed

**Comments:** Pipeline will transport natural gas brought from the US (through a future South Texas-Tuxpan Maritime Pipeline) to the states of Veracruz, Puebla and Hidalgo where it will be connected to the country's pipeline network

**Contractor:** Jacobs Engineering Group  
**Type:** Project includes engineering, procurement and construction for the pipeline

**Project:** Tula - Villa de Reyes Pipeline  
**Type:** Project involves pipeline construction  
**Length:** 284 miles  
**Diameter:** 36 inches  
**Location:** Tula, Hidalgo - Villa de Reyes, San Luis Potosi  
**Capacity:** 550 MMcf/d  
**Comments:** Work halted due to permitting costs.

## GAS

### International | AUSTRALIA

#### JEMENA (REV 10/20)

**Project:** Eastern Gas Pipeline (EGP) Extension  
**Type:** natural gas, bi-directional  
**Length:** 115 miles (185-km)  
**Capacity:** not announced  
**Comments:** Extension to run from Horsley Park, Sydney, to the Hunter Valley, with potential modifications to allow the pipeline to transport more gas to New South Wales and move gas bi-directionally between New South Wales and Victoria.  
**Cost:** \$285 million (A\$400 million)

## GAS

### International | AFRICA

#### DANGOTE INDUSTRIES LTD. – (REV 4/19)

**Owner:** Dangote Group  
**Project:** East West Offshore Gas Gathering System  
**Type:** Project includes construction of two parallel subsea pipelines  
**Length:** 684 miles  
**Diameter:** 38 inches  
**Location:** Bonny, Rivers - Ogidigben - Olokola - Lekki, Lagos  
**Capacity:** 3 Bcf/d  
**Completion:** 2Q 2025 (Phase II)

**Comments:** Project will create a corridor for evacuation of trapped gas from offshore platforms in Nigeria to allow their monetization and will deliver gas to a new build gas receiving plant to be located at the Dangote Refinery Complex in Lekki, Lagos  
**Contractor:** Paradigm Environmental System Consultants  
**Type:** Contracts includes conducting an Environmental Impact Assessment for the project

#### GALSI PIPELINE – (REV 10/16)

**Owners:** Sonatrach/Edison/Enel/Hera Group  
**Project:** Galsi Pipeline  
**Type:** Project includes the construction of 351 miles of offshore pipeline crossing the Mediterranean Sea and 161 miles of onshore pipeline, including gas compression facilities  
**Length:** 512 miles  
**Location:** Koudiet Draouche - Piombino  
**Completion:** Delayed indefinitely  
**Comments:** The initial transport capacity will be 8 Bcm per year

#### GOVERNMENT OF GUYANA (REV 10/22)

**Project:** Guyana Subsea Pipeline  
**Type:** Natural gas pipeline  
**Dimensions:** 135 miles (220 km)  
**Capacity:** 50 MMcf/d  
**Location:** The pipeline will transport gas from

Projects added and updated for the current month are highlighted

Exxon's offshore Liza Phase 1 and Phase 2 as part for Guyana's power generation efforts at a major plant to be built in 2022.

**Completion:** 2024.

**Comments:** Guyana is expected to be one of South America's top oil producers during the next four years, but this project is an example of the country investing in natural gas as well.

## KINGDOM OF MOROCCO/ FEDERAL REPUBLIC OF NIGERIA – (REV 10/22)

**Pipeline:** Trans-African Pipeline  
**Type:** Project includes the construction of a new gas pipeline  
**Length:** 2,734 Miles (4,400 km)  
**Location:** Nigeria – Morocco - Europe.  
**Comments:** On hold since 2021. No timeline established.

## NIGERIAN NATIONAL PETROLEUM CORP. – (REV 05/21)

**Project:** Ajaokuta - Kaduna – Kano (AKK) Pipeline  
**Type:** Project includes pipeline construction  
**Length:** 381 miles  
**Diameter:** 40 inches  
**Location:** Kaduna - Kano  
**Cost:** \$2.8 billion  
**Construction:** 2023  
**Comments:** Project will help establish connectivity between the East, West and North parts of Nigeria

**Contractor:** OilServe/Oando  
**Type:** Contract includes construction of Lot 1 of the pipeline  
**Length:** 125 miles  
**Cost:** \$855 million  
**Contractor:** Brentex/China Petroleum Pipeline Bureau  
**Type:** Contract includes construction of Lot 3 of the pipeline  
**Length:** 137 miles  
**Cost:** \$1.2 billion

## NOBLE ENERGY (REV 8/21)

**Project:** Alen Gas Project  
**Location:** Republic of Equatorial Guinea  
**Capacity:** 950 MMcf/d  
**Dimensions:** 43 miles (70 km); 24-inch natural gas equivalent  
**Construction:** In Service  
**Summary:** Designed to transport natural gas processed through the Alen offshore platform to onshore facilities.

## GAS International | ASIA PACIFIC

### APA GROUP – (REV 3/18)

**Owner 1:** Gold Road Resources Ltd., 50%  
**Owner 2:** Gold Fields Ltd., 50%

**Project:** Yamarna Gas Pipeline  
**Type:** Project includes pipeline construction and a gas-fired station  
**Length:** 123 miles  
**Location:** Yamarna, Western Australia  
**Cost:** \$180 million  
**Comments:** Project is part of the Gruyere Project and will be built east of Laverton in Western Australia, running from a connection point off the existing Eastern Goldfields Gas Pipeline to the new Gruyere gold mine project site.

**Contractor:** Nacap  
**Type:** Project includes pipeline construction

## AZERBAIJAN INTERNATIONAL OPERATING CO. – (REV 03/21)

**Project:** Azeri Pipeline  
**Type:** Project includes the construction of new pipeline  
**Length:** 2,175 miles  
**Location:** Georgia, Turkey, Greece, Bulgaria, Albania and Italy  
**Completion:** Online  
**Comments:** Pipeline will have a capacity of 16 Bcm/y

## GAIL INDIA LTD. – (03/21)

**Project:** Jagdishpur-Haldia-Bokaro-Dhamra Gas Pipeline (Phase I)  
**Type:** Project includes construction of a transmission pipeline and multiple spur lines  
**Length:** 470 miles  
**Diameter:** 4, 8, 12, 18, 30 and 36 inches  
**Location:** Phulpur – Dobhi  
**Capacity:** 565 Bcf/d (Phase I and II)  
**Cost:** \$50 million  
**Comments:** Project will usher Industrial development in eastern part of India by supplying environmentally clean natural gas to fertilizer and power plant, refineries, steel plants and other Industries

**Contract:** JSIW Infrastructure Pvt. Ltd.  
**Type:** Project includes engineering, design, procurement and construction  
**Contract:** IL&FS Engineering & Construction Co. Ltd.  
**Type:** Project includes pipelaying  
**Project:** Jagdishpur-Haldia-Bokaro-Dhamra Gas Pipeline (Phase II)

**Type:** Project includes pipeline construction  
**Length:** 1,180 miles  
**Diameter:** 4, 8, 12, 18, 30 and 36 inches  
**Location:** Jharkhand - West Bengal - Odisha  
**Capacity:** 565 Bcf/d (Phase I and II)  
**Cost:** \$146 million  
**Completion:** Online  
**Comments:** Project will usher Industrial development in eastern part of India by supplying environmentally clean natural gas to fertilizer and power plant, refineries, steel plants and other Industries

**Contract:** JSIW Infrastructure Pvt. Ltd.  
**Type:** Project includes engineering, design, procurement and construction  
**Contract:** IL&FS Engineering & Construction Co. Ltd.  
**Type:** Project includes pipelaying

## GAZPROM, CNPC – (REV 3/20)

**Project:** East-route natural gas pipeline  
**Location:** China-Russia  
**Dimensions:** 690 miles (1,110 km)  
**Completion:** Date not provided  
**Notes:** The middle section of the China-Russia east-route natural gas pipeline project construction is underway in Jinzhou City, northeast of China's Liaoning Province. The section runs from Changling County, northeast of China's Jilin Province to Yongqing County, north of China's Hebei Province.

## GUJARAT STATE PETROLEUM CORP. – (REV 1/23)

**Contractor:** GSPL India Gasnet  
**Project:** Mehsana-Bhatinda Pipeline  
**Type:** Project includes the construction of new pipeline  
**Length:** 1,037 miles  
**Location:** Mehsana-Bhatinda  
**Comments:** Pipeline is currently being considered for cancellation but, if built, will have a transportation capacity of 30 MMcf/d  
**Contractor:** GAIL  
**Project:** Mallavaram-Bhilwara Pipeline  
**Type:** Project includes the construction of new pipeline  
**Length:** 984 miles  
**Location:** Mallavaram - Bhilwara  
**Comments:** Pipeline is currently being considered for cancellation.

## IL&FS ENGINEERING AND CONSTRUCTION CO. LTD. – (REV 03/21)

**Owner:** Gas Authority of India Ltd.  
**Project:** Kochi-Koottanad-Bangalore-Mangalore Pipeline

**Type:** Project includes the laying and construction of 30-inch pipeline along with associated works

**Length:** 685 miles  
**Location:** Kerala  
**Completion:** Online  
**Comments:** GAIL has won a second extension for completing the project as it faces unprecedented problems in getting land in Kerala and Tamil Nadu

## PETROVIETNAM GAS/MOECO/ PTTEP – (REV 7/21)

Projects added and updated for the current month are highlighted

**Project:** O Mon Gas Pipeline  
**Type:** Project includes the construction of risers, subsea pipeline, onshore pipeline

**Length:** 248 miles  
**Location:** Malay Basin - southern Vietnam

**Completion:** 2024  
**Comments:** Investors moving forward after years of delay.

## OIL The Americas | U.S.

### CENTURION PIPELINE (REV 2/21)

**Project:** Septemurus Pipeline  
**Location:** Midland, Texas area  
**Dimensions:** 52 miles of pipeline  
**Throughput:** 150,000 bpd initially  
**Completion:** In service  
**Notes:** The pipeline will connect Centurion's Midland Terminal with 2 million barrels of storage capacity to multiple long-haul pipelines originating in Crane, Texas.

### ENLINK MIDSTREAM PARTNERS LP – (REV 1/22)

**Project:** Avenger Crude Oil Gathering System  
**Type:** Project includes construction of a gathering system  
**Length:** 57 miles  
**Location:** Eddy and Lea counties, NM  
**Completion:** In service  
**Comments:** System is anchored by a 10-year contract with Devon Energy Corp. and is supported by dedications from Devon's Todd (Eddy and Lea Counties, NM) and Potato Basin (Eddy County, NM) development areas

### EXXONMOBIL PIPELINE CO. – (REV 10/20)

**Project:** Delaware Connector Pipeline  
**Type:** Project includes pipeline construction  
**Length:** 48 miles  
**Diameter:** 30 inches  
**Location:** Loving and Winkler counties, TX  
**Comments:** Pipeline will help the company triple Permian output by 2025

### FRONTIER ENERGY SERVICE – (1/22)

**Project:** Beta Crude Connector  
**Location:** Northern Midland Basin  
**Dimensions:** 50-mile gathering system  
**Completion:** Delayed  
**Notes:** The initial crude oil gathering facilities will consist of 100 miles of pipeline, primarily contained within the dedicated area of nine contiguous townships in Canadian and Grady counties of Oklahoma to be placed into service in phases.

### JUPITER LLC – (REV 02/21)

**Project:** Jupiter Pipeline  
**Type:** Project includes construction of pipeline  
**Length:** 670 miles  
**Diameter:** 16, 20 inches  
**Location:** Orla, TX – Port of Brownsville, TX  
**Capacity:** 30,000 bpd

**Completion:** Delayed indefinitely

### NOBLE MIDSTREAM PARTNERS, SALT CREEK MIDSTREAM – (REV 10/20)

**Project:** Delaware Crossing  
**Location:** southern Delaware Basin  
**Length:** 95 miles  
**Capacity:** 160,000 bpd, expandable to 210,000 bpd  
**Completion:** in operation  
**Notes:** Joint venture on a 16-inch crude oil gathering and transportation services has closed. Pipeline to run from Pecos County, Texas, with connections in Reeves and Winkler counties.

### NOBLE MIDSTREAM PARTNERS LP – (REV 11/18)

**Project:** Wink Trunk Line  
**Type:** Project includes pipeline construction  
**Length:** 95 miles  
**Diameter:** 20 inches  
**Location:** Pecos County, TX - Winkler County, TX  
**Capacity:** 200 MMbpd

### NUSTAR PERMIAN TRANSPORTATION AND STORAGE LLC – (REV 6/18)

**Project:** County Line Lateral Pipeline System/ County Line Lateral Loop  
**Type:** Project includes construction of multiple interconnects connecting the existing system  
**Location:** Howard County, TX  
**Length:** 13 miles  
**Diameter:** 16 inches  
**Capacity:** 70,000 bpd

### ORYX MIDSTREAM SERVICES II LLC

**Project:** Oryx II Pipeline  
**Type:** Project includes pipeline construction and looping  
**Length:** 400 miles  
**Diameter:** 16, 20 and 24 inches  
**Location:** Carlsbad, NM - Midland, TX  
**Capacity:** 650 MMbbl (transportation), 1.5 MMbbl (storage)  
**Contractor:** Holloman Corp.  
**Completion:** In service  
**Type:** Contract includes the engineering, procurement and construction of pipeline

### PHILLIPS 66 – (REV 01/22)

**Project:** Blue Water Texas (BWTX) Terminal

**Location:** Off the coast of San Jose Island in Texas  
**Dimensions:** 30-inch pipelines, 55 miles  
**Completion:** 2023  
**Summary:** The two crude oil underwater pipelines will be part of BWTX project, which could accommodate VLCCs, super-tankers that can transport up to 2 million barrels.

### TALLGRASS ENERGY – (REV 02/21)

**Project:** Pony Express Pipeline Expansion  
**Location:** Wyoming to Colorado  
**Dimensions:** 25 miles of 12-inch pipeline  
**Throughput:** 70,000 bpd  
**Completion:** Scaled back  
**Notes:** The route will begin near Carpenter, Wyo., extending to Sterling, Colo. The expansion is subject to an open season, running until Jan. 20.

### TROPHY PIPELINES

**Project:** Texas Expansion Project  
**Type:** Oil pipeline expansion  
**Length:** 3-mile (0.48-km) expansion  
**Capacity:** 50,000 bpd  
**Location:** Winkler County, Texas, to Trophy's existing FERC-regulated, crude oil pipeline located in Lea County, New Mexico.  
**Completion:** Pending Open Season results  
**Comments:** Adds capacity from the northern Delaware Basin to multiple downstream pipelines, providing access to refineries, Cushing and the U.S. Gulf Coast.

## OIL The Americas | CANADA

### PEMBINA PIPELINE CORP. (10/22)

**Project:** Peace Pipeline System (Phase VIII)  
**Location:** Gordondale to La Glace corridor of Alberta, B.C.  
**Dimensions:** 10 and 16 inches  
**Completion:** 2Q 2024  
**Summary:** The additional capacity will accommodate incremental demand in the Montney area. The expansion will allow segregated pipeline service for propane-plus mix and ethane-plus mix NGL from the central Montney area at Gordondale into the Edmonton region for market delivery.

# ONGOING PROJECTS OIL | NGL | PRODUCTS

Projects added and updated for the current month are highlighted

## RANGELAND MIDSTREAM CANADA (REV 01/22)

**Project:** Marten Hills Pipeline System  
**Capacity:** Not determined  
**Location:** Northcentral Alberta

**Dimensions:** 53 miles (85 km) of crude and condensate pipeline.

**Completion:** In service

**Summary:** The system gathers crude oil production from the Clearwater

formation, described by the company as "emerging as an extremely economic play with low extraction costs using modern multilateral horizontal drilling."

## NGL

### The Americas | U.S.

#### EPIC NGL PIPELINE LP – (REV 01/22)

**Project:** EPIC NGL Pipeline - Phase IV  
**Type:** Project includes construction of pipeline  
**Length:** 650 miles  
**Diameter:** 16, 20, 24 and 30 inches  
**Location:** Orla, Pecos, Crane and Midland counties, TX - Corpus Christi, TX  
**Capacity:** 220,000 bpd (initial)  
440,000 bpd (maximum)

**Completion:** In service

**Comments:** First phase of the project is complete

**Project:** WPX Lateral

**Type:** Project includes construction of a pipeline lateral

**Length:** 6 miles

**Diameter:** 8 inches

**Location:** Reeves County, TX

**Completion:** In service

**Comments:** Project is associated with the EPIC NGL Pipeline

#### ONEOK INC. – (11/18)

**Project:** Arbuckle II NGL Pipeline  
**Type:** Project includes pipeline construction  
**Length:** 530 miles  
**Diameter:** 24 and 30 inches  
**Location:** Oklahoma - Mont Belvieu, TX  
**Completion:** In service  
**Capacity:** 500 MMbpd (initial), 1 MMbpd (maximum)  
**Completion:** In service

#### WEST TEXAS LPG PIPELINE LTD. – (REV 6/18)

**Project:** Delaware Basin Extension  
**Type:** Project includes construction of pipeline, two pump stations and pipeline looping  
**Length:** 120 miles  
**Diameter:** 16 inches  
**Location:** Midland, TX - Reeves County, TX  
**Capacity:** 110,000 bpd (initial)  
**Contractor:** WHC Energy Services LLC  
**Type:** Project includes pipeline construction

**Project:** Delaware Basin Extension Looping

**Type:** Project includes construction of pipeline looping

**Length:** 30 miles

**Diameter:** 16 inches

**Location:** Midland and Howard counties, TX

**Comments:** Project is associated with the Delaware Basin Extension on the existing West Texas LPG Pipeline

**Contractor:** WHC Energy Services LLC

**Type:** Project includes pipeline construction

## NGL

### The Americas | CANADA

#### SEMCAMS MIDSTREAM AND KEYERA – (REV1/23)

**Project:** Canada Liquids Pipeline System  
**Location:** Northern Midland Basin  
**Capacity:** 100,000 bpd, expandable to 200,000 bpd  
**Dimensions:** 171 miles (275 km); 16-inch condensate, 12-inch NGL pipelines.

**Completion:** 2023

**Summary:** The pipeline will connect the liquids-rich Montney and Duvernay production areas of northwestern Alberta to the fractionation and condensate hubs in Fort Saskatchewan, Alberta

## PRODUCTS

### The Americas | U.S.

#### ENBRIDGE OFFSHORE FACILITIES LLC – (01/23)

**Project:** Vito Field Development Project  
**Type:** Project includes development of the Vito Field  
**Length:** 67 miles  
**Diameter:** 10, 18 inches  
**Location:** offshore New Orleans, LA  
**Contractor:** Subsea 7  
**Type:** Contract includes pipeline installation  
**Completion:** 2022

#### EPIC

**Project:** Ethylene, Ethane Pipeline  
**Location:** In San Patricio County, Texas, north of Corpus Christi.  
**Dimensions:** 130 miles of 12-inch ethylene and ethane pipeline.  
**Completion:** 2032  
**Summary:** Both pipelines are supported by multiyear agreements with Gulf Coast Growth Ventures (GCGV) as the

company constructs an ethane cracker in the lower-Gulf Coast.

## PRODUCTS

### The Americas | CANADA

#### CENOVUS ENERGY (REV 11/22)

**Owner 2:** Suncor Energy (25%)  
**Owner 3:** Nalcor Energy (5%)  
**Project:** West White Rose Extension Project  
**Type:** Project includes the construction of a new fixed wellhead platform in the White Rose Field  
**Location:** offshore St. Johns  
**Capacity:** 75,000 bpd  
**Completion:** 65% complete.  
**Contractor:** TechnipFMC  
**Summary:** After two years of delays, the company said it will resume work in 2023

## PRODUCTS

### The Americas | CARIBBEAN/SOUTH & CENTRAL AMERICA

#### PETROBRAS – (01/22)

**Project:** Rota 3 Gas Export Pipeline  
**Type:** Project includes construction of the third subsea pipeline segment of an existing system

**Length:** 6 miles

**Diameter:** 24 inches

**Location:** offshore Rio de Janeiro

**Contractor:** McDermott International Inc.

**In Service:** 2022

**Type:** Contract includes design, engineering, procurement, construction and installation of a rigid concrete coated pipeline to the shore, including a horizontal directional drill, tie-in spools and pre-commissioning services