

(Projects added for the current month are highlighted and in bold face type)

GAS – The Americas

U.S.

AES OCEAN EXPRESS LLC – (12/17)

Project: Ocean Express Pipeline
Type: Project includes pipeline construction
Length: 55 miles
Diameter: 24 inches
Location: Bahamas - Broward County, FL
Capacity: 842 MMcf/d
Docket: CP02-90
Status: Project is awaiting regulatory approval
Comments: Project will deliver gas to the Florida Power & Light Lauderdale Power Plant

ALASKA GASLINE DEVELOPMENT CORP. – (REV 7/18)

Project: Alaska Stand Alone Pipeline
Type: Project includes construction of a transmission pipeline and lateral
Length: 763 miles
Diameter: 12 and 36 inches
Location: Prudhoe Bay, AK – Nikiski, AK
Capacity: 500 MMcf/d
Start: 2019
Completion: 2023
Status: After reviewing a draft version of the project's application, Alaska suggests that the project could expose nearly half of the population of resident endangered beluga whales to dangerous levels of noise
Comments: Pipeline is part of the proposed Alaska LNG Project

ALLIANCE PIPELINE LTD. – (REV 5/18)

Project: Alliance Pipeline Expansion
Type: Project includes the addition of compression and other facilities to an existing pipeline system
Location: Chicago, IL
Capacity: 400 MMcf/d
Completion: 4Q 2021
Comments: Pending regulatory approval, Alliance will increase capacity by approximately 25 percent through the addition of compression and other facilities to its system

AMEREN ILLINOIS – (REV 2/18)

Owner: Ameren Corp.
Project: Pekin Reliability Enhancement Project
Type: Project includes the replacement of underground pipeline
Length: 6.5 miles
Diameter: 16 inches
Location: Pekin, IL
Status: Project is filing for permits
Start: 4Q 2019
Comments: Project will replace the existing six-inch vintage steel natural gas pipeline that's more than 80 years old and will connect with Ameren's Peoria Natural Gas Transmission System

AMERICAN MIDSTREAM PARTNERS LP – (REV 6/17)

Project: Magnolia Intrastate Extension
Type: Project includes extension of pipeline
Length: 45 miles
Diameter: 24 inches
Location: Tuscaloosa, AL
Capacity: 500 MDth/d
Completion: 2019

ANTERO MIDSTREAM PARTNERS LP – (12/17)

Project: Marcellus Gathering System Pipeline
Type: Project includes pipeline construction
Length: 10 miles
Diameter: 20 inches
Location: Doddridge, Tyler and Ritchie counties, WV
Start: 2Q 2018

CABOT OIL & GAS CORP. – (REV 3/18)

Owner 2: Williams Partners LP
Operator: Constitution Pipeline LLC
Project: Constitution Pipeline
Type: Project includes construction of pipeline and compression facilities
Length: 124 miles
Diameter: 30 inches
Location: Susquehanna County, PA - Wright County, NY
Capacity: 650 MMcf/d
Cost: \$925 million
Docket: CP13-499
Status: FERC has denied the system's water permit petition

CHEMIERE ENERGY INC. – (REV 4/18)

Operator: Midship Pipeline Co. LLC
Project: Midship Project
Type: Project includes construction of pipeline, several laterals, compressor stations and interconnects
Length: 200 miles
Diameter: 36 inches
Location: Grady, OK – Bryan, TX
Capacity: 1.4 MMDth/d
Docket: CP17-458
Status: FERC has issued a Draft EIS for the project
Start: 3Q 2018
Completion: 1Q 2019

Contractor: Strike LLC
Type: Project includes pipeline construction

Contractor: M.G. Dyess Inc.
Type: Project includes pipeline construction

Project: Velma Lateral
Type: Project includes pipeline construction
Length: 13 miles
Diameter: 16 inches
Location: Kingfisher County, OK - Okarche, OK
Start: 3Q 2018
Comments: Project will begin at the Chisholm Processing Plant and end on the mainline of the Midship Project

DELMARVA PIPELINE CO. – (4/18)

Owner: H4 Capital Partners LLC
Project: Delmarva Pipeline
Type: Project includes pipeline construction
Length: 190 miles
Diameter: 8 and 24 inches
Location: Rising Sun, MD - Accomack, VA
Cost: \$1.3 billion
Status: Project is preparing to file with FERC
Completion: 1Q 2021
Comments: Project will be capable of transporting natural gas to serve commercial and industrial energy consumers, natural gas-fired power generators and local distribution companies

DOMINION ENERGY QUESTAR PIPELINE LLC – (4/18)

Owner: Dominion Energy Inc.
Project: Southern Trails Pipeline Abandonment
Type: Project includes abandonment of an existing pipeline, four compressor stations and related facilities
Length: 488
Diameter: 12, 16
Location: Farmington, NM – Long Beach, CA
Status: Project has filed with FERC
Comments: Project will consist of abandonment by sale approximately 268 miles of pipeline facilities and abandon in-place another approximately 220 miles of pipeline facilities of existing mainline natural gas pipeline

DRIFTWOOD LNG PIPELINE LLC – (REV 2/18)

Project: Driftwood LNG Pipeline
Type: Project involves dual lay of pipeline
Length: 96 miles
Diameter: 36 and 42 inches
Location: Calcasieu Parish, LA - Evangeline Parish, LA
Capacity: 4 Bcf/d
Docket: CP17-118
Status: Project has submitted a formal application with FERC and an EPC contract has been awarded for the associated Driftwood LNG Project, which brings the pipeline closer to construction
Start: 2018
Completion: 2022
Comments: Pipeline is part of the proposed Driftwood LNG Project

DUKE ENERGY OHIO – (REV 6/18)

Project: Central Corridor Pipeline Extension
Type: Project includes expansion of existing pipeline
Length: 12 miles
Diameter: 20 inches
Location: Raleigh, NC
Start: 3Q 2018
Completion: 2019
Comments: Project has moved forward with its application before the Ohio Power Siting Board
Type: Project includes construction of pipeline

Length: 13 miles
Diameter: 20 inches
Location: Cincinnati, OH
Status: Project is undergoing public hearings. If built, pipeline will increase the reliability of natural gas delivery in central Cincinnati

EL PASO NATURAL GAS CO. – (7/18)

Project: South Mainline Project
Type: Project includes pipeline looping and new compression
Length: 17 miles
Location: Arizona, New Mexico and Texas
Capacity: 321 MMcf/d
Status: Company has submitted a request to FERC for authorization to construct the project
Comments: Project is an extension of the existing El Paso Natural Gas Pipeline and will offer additional capacity to two customers in the Southwest

ENABLE MIDSTREAM PARTNERS – (2/17)

Operator: Oklahoma Gas and Electric (OG&E)
Project: Muskogee Pipeline
Type: Project includes construction of pipeline and associated metering facilities
Length: 77 miles
Diameter: 20 inches
Location: Oklahoma
Capacity: 228 Mcf/d
Cost: \$70 million
Start: 2018
Comments: The 20-year contract will support OG&E's planned conversion of two 500 megawatt coal-fired generating units to natural gas

ENTERPRISE PRODUCTS PARTNERS LP/ ENERGY TRANSFER PARTNERS LP – (6/18)

Project: Old Ocean Pipeline
Type: Project includes resuming service on existing pipeline
Length: 240 miles
Diameter: 24 inches
Location: Maypearl, TX - Sweeny, TX
Comments: Project has been essentially idled since 2012 and both parties are in the process of expanding their jointly owned North Texas Pipeline that will provide more capacity from West Texas for deliveries into the Old Ocean Pipeline

EQT MIDSTREAM PARTNERS LP – (5/18)

Project: Hammerhead Gathering Pipeline
Type: Project includes pipeline construction
Length: 40 miles
Diameter: 30 inches
Location: Southwestern Pennsylvania - Mobley, WV
Capacity: 1.2 Bcf/d
Completion: 1Q 2020
Comments: System will feed gas to the Mountain Valley Pipeline

FAIRBANKS PIPELINE CO. – (REV 8/15)

Project: Arctic Fox Pipeline
Type: Project includes construction of pipeline

and a secondary transmission network
Length: 514 miles
Diameter: 4 and 12 inches
Location: Prudhoe Bay - North Pole, AK
Capacity: 19 Bcf/y
Cost: \$1 billion
Status: Project is delayed

FLORIDA GAS TRANSMISSION – (REV 6/18)

Project: East-West Project
Type: Project includes construction of two laterals and facility modifications
Length: 20 miles
Diameter: 12 inches
Location: Matagorda and Wharton counties, TX; Acadia Parish, LA
Capacity: 275 MMDth/d
Cost: \$68.9 million
Status: Project has been approved by FERC
Comments: Project will transport natural gas from two proposed receipt points and one existing receipt point in Louisiana to two proposed delivery points on Florida Gas's existing pipeline system in the Gulf Coast region of Texas

IROQUOIS GAS TRANSMISSION SYSTEM LP – (6/17)

Project: Wright Interconnect Project
Type: Project includes construction of a compression facility and facility modifications
Location: Wright, NY
Capacity: 650 MDth/d
Docket: CP13-502
Completion: 2Q 2018
Comments: Project is being developed in conjunction with the proposed Constitution Pipeline

KINDER MORGAN INC. – (REV 3/18)

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
Cost: \$150 million
Start: 4Q 2017
Completion: 3Q 2019
Comments: Project will support Train III export capacity as part of the Freeport LNG Export Project

Operator: Kinder Morgan Louisiana Pipeline LLC
Project: Lake Charles Expansion Project
Type: Project includes installation of new compression facilities and header pipelines
Length: 1.5 miles
Diameter: 24 and 26 inches
Location: Evangeline Parish, LA
Capacity: 1.4 MMDth/d
Docket: CP14-511
Status: Project is awaiting FERC approval
Completion: 2018
Comments: Project includes reconfiguration of an

existing pipeline system to accommodate natural gas service at the proposed Magnolia LNG terminal

LIBERTY UTILITIES – (REV 7/18)

Project: Granite Bridge Pipeline
Type: Project includes construction of a pipeline and gas storage center
Length: 27 miles
Diameter: 16 inches
Location: Manchester, NH – Stratham, NH
Capacity: 2 Bcf (storage)
Cost: \$340 million
Status: Project has filed with the NHPUC
Comments: Project will connect two other pipelines that run roughly north through Manchester and Exeter

Contractor: Analysis Group
Type: Contract includes the economic evaluation of the project

Contractor: VHB
Type: Contract includes environmental permitting for the project

MONTANA-DAKOTA UTILITIES – (11/17)

Project: Doosan Bobcat Pipeline
Type: Project includes pipeline construction
Length: 21 miles
Diameter: 12 inches
Location: Milnor, ND – Gwinner, ND
Cost: \$13.8 million
Start: 3Q 2018
Completion: 2Q 2019
Comments: Project will deliver natural gas to the Bobcat plant and other customers in southeastern North Dakota

MOUNTAINEER GAS CO. – (9/17)

Operator: Mountaineer Gas Co.
Project: Mountaineer Gas Pipeline Phase I
Type: Project includes pipeline construction
Length: 27.5 miles
Diameter: 10 inches
Location: Berkley, VA - Martinsburg, WV
Cost: \$45 million
Docket: 15-1256-G-390P
Completion: 2Q 2019

Project: Mountaineer Gas Pipeline Phase II
Segment: Charlestown Loop
Length: 24.5 miles
Status: Project is awaiting WV PSC approval

Project: Mountaineer Gas Pipeline Phase III
Length: 4.4 miles
Status: Project is awaiting WV PSC approval

MOUNTAIN VALLEY PIPELINE LLC – (6/18)

Project: MVP Southgate Project
Type: Project includes pipeline construction
Length: 72 miles
Location: Pittsylvania County, VA - Alamance County, NC
Completion: 4Q 2020
Comments: Project will receive gas from the Mountain

Valley Pipeline mainline and provide low-cost supply access to natural gas produced in the Marcellus and Utica shale regions

NAMERICO ENERGY HOLDINGS LLC – (5/17)

Operator: Pecos Trail Pipeline Co.
Project: Pecos Trail Pipeline
Type: Project includes construction of pipeline
Length: 468 miles
Diameter: 42 inches
Location: West Texas – Corpus Christi, TX
Capacity: 1.85 Bcf/d
Status: Project is seeking sufficient shipper commitments
Completion: 4Q 2019

NATIONAL FUEL GAS SUPPLY CORP. – (REV 6/17)

Project: Northern Access 2016 Project
Type: Project includes construction of pipeline, installation of additional compression, and a new compressor station and gas dehydration facility
Length: 97 miles
Diameter: 24 inches
Location: McKean County, PA - Erie County, NY
Capacity: 300 MDth/d
Cost: \$455 million
Docket: CP15-115
Status: New York DEC denied the project's permit, so the project is on hold

NATURAL GAS PIPELINE CO. OF AMERICA LLC – (3/18)

Owner: Kinder Morgan Inc.
Project: Lockridge Extension Pipeline
Type: Project includes the construction of a pipeline lateral, new metering facilities and regulation facilities
Length: 16 miles
Diameter: 30 inches
Location: Ward County, TX - Pecos County, TX
Capacity: 500 MDth/d
Status: Project has undergone an open season
Completion: 4Q 2019
Comments: Project is an extension of the existing Amarillo Pipeline System

NEW JERSEY NATURAL GAS – (REV 8/17)

Project: Southern Reliability Link
Type: Project includes construction of a pipeline and compressor station
Length: 30 miles
Diameter: 30 inches
Location: Ocean, Burlington and Monmouth counties, NJ
Cost: \$130 million
Status: Project is awaiting approval from the New Jersey Pinelands Commission

NEW JERSEY RESOURCES CORP. – (REV 3/18)

Operator: Adelphia Gateway LLC
Project: Adelphia Gateway Pipeline
Type: Project includes pipeline conversion from oil to natural gas
Length: 84 miles
Diameter: 18 inches
Location: Bucks, Northampton and Delaware counties, PA
Capacity: 250 MDth/d
Status: Project has filed an application with FERC seeking a Certificate of Public

Convenience and Necessity

Completion: 1Q 2019

Comments: Project will provide a direct and flexible path for delivering locally produced natural gas to growing and underserved markets in southeastern Pennsylvania and beyond

NEXTDECADE LLC – (REV 6/17)

Operator: Rio Bravo Pipeline LLC
Project: Rio Bravo Pipeline
Type: Project includes construction of two parallel pipelines and three compressor stations
Length: 137 miles
Diameter: 42 inches
Location: Brownsville, TX - Kingsville, TX
Capacity: 4.5 Bcf/d
Docket: CP16-455
Status: Project is awaiting an Environmental Assessment
Start: 2Q 2018
Completion: 1Q 2022
Comments: Pipeline is part of the Rio Grande LNG Project

NORTHWEST PIPELINE – (REV 11/17)

Project: Pacific Connector Project
Type: Project includes construction of pipeline
Length: 232 miles
Diameter: 16 inches
Location: Malin, OR – Coos Bay, OR
Capacity: 1.2 Bcf/d
Cost: \$10 billion
Docket: PF17-4
Status: Project is requesting that FERC issue a Draft Environmental Impact Statement in 2018, leading to FERC decisions by the end of 2018

Completion: 2024

Comments: Project will connect and provide feed gas to the proposed Jordan Cove LNG Terminal. Pipeline will extend from the interconnect with the Ruby and GTN pipelines

OUTRIGGER ENERGY II LLC – (6/18)

Project: Tri-stream Midstream System
Type: Project includes wellhead natural gas gathering, a 60 MMcf/d cryogenic processing plant, field compressor stations, crude oil gathering and produced water gathering
Location: Weld County, CO
Comments: System will deliver residue gas to the Cheyenne Plains Pipeline and NGLs will be delivered to the Overland Pass Pipeline
Completion: 1Q 2019

PAIUTE PIPELINE CO. – (10/17)

Project: 2018 Expansion Project
Type: Project includes pipeline replacement and pipeline looping
Length: 8.4 miles
Diameter: 12 and 20 inches
Location: Douglas and Lyon counties, NE
Capacity: 4.6 MDth/d
Cost: \$17.9 million
Docket: CP17-471
Status: Project is awaiting an Environmental Assessment
Comments: Project is an expansion of the existing Carson and South Tahoe laterals

NYSEG – (REV 6/17)

Project: DeRuyter Pipeline Replacement
Type: Project includes take up and relay of existing pipeline
Length: 25 miles
Diameter: 10 inches
Location: Norwich, NY - Oneonta, NY
Start: 2019
Completion: 2020

PENNEAST PIPELINE CO. LLC – (REV 3/18)

Project: PennEast Pipeline
Type: Project includes construction of an underground pipeline
Length: 120 miles
Diameter: 36 inches
Location: Luzerne County, PA – Mercer County, NJ
Capacity: 1 Bcf/d
Start: 3Q 2018
Completion: 2Q 2019

PORT ARTHUR PIPELINE LLC – (12/17)

Project: Port Arthur Pipeline–Louisiana Connector
Type: Project includes construction of a pipeline, compressor station and associated interconnect facilities
Length: 135 miles
Diameter: 42 inches
Location: Calcasieu, Beauregard, Allen, Evangeline and St. Landry Parishes, La and Jefferson County, TX
Capacity: 2 Bcf/d
Completion: 3Q 2022
Comments: Project will transport and provide natural gas as an additional feed gas source and provide an additional reliable solution for the delivery of natural gas to the proposed Port Arthur Liquefaction Project

PSNC ENERGY – (6/18)

Project: Buncombe County Pipeline Enhancement Project
Type: Project includes pipeline construction
Length: 12 miles
Diameter: 12 inches
Location: Arden, NC - Enka, NC
Start: 2Q 2019
Completion: 4Q 2019
Comments: Project will upgrade the existing Buncombe County natural gas system into compliance with U.S. Department of Transportation regulations

PUBLIC SERVICE ELECTRIC AND GAS CO. – (9/17)

Project: Gas System Modernization Program |Phase II
Type: Project includes replacement of aging cast-iron and unprotected steel gas pipes
Length: 1,250 miles
Location: New Jersey
Cost: \$2.7 billion
Status: Project is preparing to file with the New Jersey BPU
Completion: 4Q 2022
Comments: The upgrades will take place across PSE&G's service territory in 11 counties, concentrating on urban areas established in the early 1900s, where much of the utility's cast-iron and unprotected steel gas pipes are located

RH ENERGYTRANS LLC – (1/18)

Project: Risberg Line Project
Type: Project includes construction of an interstate pipeline and appurtenant facilities
Length: 28 miles
Diameter: 8 and 12 inches
Location: Crawford County, PA – Ashtabula County, OH
Capacity: 55 Dth/d
Start: 2Q 2018
Completion: 4Q 2018
Comments: RH will purchase 26 miles of existing 12-inch and 5 miles of existing 8-inch natural gas pipeline from EmKey Gathering. It will qualify these facilities for conversion to natural gas transmission service, and will extend the system to its planned terminus through construction of the Risberg Line

SABAL TRAIL TRANSMISSION LLC – (REV 11/17)

Owner 1: Spectra Energy Partners LP
Owner 2: NextEra Energy Inc.
Owner 3: Duke Energy Corp.
Project: Southeast Market Pipelines Project
Segment: Sabal Trail Pipeline Project (Phases II and III)
Type: Project includes installation of new compressor stations and expansion of existing compressor stations
Location: Florida and Alabama
Capacity: 800 MMcf/d (additional)
Docket: CP15-17
Status: Phase I is in service and FERC has prepared a Draft Supplemental Environmental Impact Statement for the remaining two phases
Comments: The existing Sabal Trail Pipeline (1 Bcf/d capacity) extends 515 miles from the Transcontinental Gas Pipeline in Alabama to the central Florida hub near Orlando, where it meets with the Florida Gas Transmission system and the Gulfstream Natural Gas System. The Southeast Market Pipelines Project includes Transcontinental Gas Pipe Line Co. LLC's Hillabee Expansion Project and NextEra's Florida Southeast Connection
Completion: 4Q 2021

SEMCO ENERGY GAS CO. – (11/17)

Project: Marquette Connector Pipeline Project
Type: Project includes construction of pipeline
Length: 42 miles
Diameter: 10 and 20 inches
Location: Arnold, MI - Negaunee Township, MI
Capacity: 144 MMcf/d
Cost: \$135 million
Status: Michigan regulators have approved the project and construction is on hold until all necessary easements and permits have been acquired
Start: 2020

SEMPRA ENERGY – (REV 10/17)

Operator: Southern California Gas Co.
Project: Pipeline Safety & Reliability Project - Line 3602
Type: Project includes partial replacement of Line 1600, which entered service in 1949
Length: 43 miles

Diameter: 36 inches
Location: San Diego, CA
Cost: \$600 million
Status: Project is in the planning stages

Operator: Port Arthur LNG Pipeline LLC
Project: Port Arthur Pipeline - Texas Connector
Type: Project includes construction of pipeline
Length: 34 miles
Diameter: 42 inches
Location: Jefferson and Orange counties, TX; Cameron Parish, LA
Capacity: 2 Bcf/d
Start: 3Q 2021
Completion: 3Q 2022

SEMPRA LNG & MIDSTREAM – (3/18)

Owner 2: Boardwalk Pipeline Partners LP, 50%
Project: Permian-Katy Pipeline
Type: Project includes pipeline construction
Length: 520 miles
Diameter: 36 and 42 inches
Location: Waha, TX - Katy, TX
Capacity: 2.25 Bcf/d
Start: 3Q 2020
Comments: Project will connect abundant natural gas supplies from the Permian Basin to large, diversified and growing markets on the Texas Gulf Coast and Mexico

SHELL PIPELINE – (REV 4/18)

Project: Falcon Pipeline
Type: Project includes pipeline construction
Length: 94 miles
Diameter: 12 inches
Location: Pennsylvania, West Virginia and Ohio
Capacity: 107 Mbpd
Status: Project's application is under review by the Pennsylvania Department of Environmental Protection and the DEP has extended the comment period on water obstruction and encroachment (Chapter 105) permit applications related to the project
Start: 2Q 2019
Comments: Project will collect ethane from MarkWest Energy Partners LP's Houston Processing and Fractionation facility in Washington County, PA and from its Cadiz Complex in Harrison County, OH

SOUTHERN CO. – (9/17)

Operator: Virginia Natural Gas
Project: Southside Connector Distribution Project
Length: 9 miles
Diameter: 24 inches
Location: Norfolk, VA - Chesapeake, VA
Start: 4Q 2017
Completion: 3Q 2018
Contact: Les Flora
Project Manager
(757) 616-7543
xlflora@southernco.com
Comments: Project will provide a more reliable connection between the Hampton Roads region's two main gas supply lines

SOUTHERN STAR CENTRAL CORP. – (11/17)

Owner 2: NextEra US Gas Assets LLC
Project: Sooner Trails Pipeline Project
Type: Project includes construction of pipeline
Length: 250 miles
Diameter: 36 inches

Location: Bryan County, OK - Lamar County, TX
Capacity: 1.2 MMDth/d
Docket: PF15-30
Status: Project has withdrawn its pre-filing application

SPECTRA ENERGY – (REV 7/18)

Owner 2: Eversource Energy
Owner 3: National Grid
Operator: Algonquin Gas Transmission LLC
Project: Access Northeast Project
Type: Project includes replacement of existing pipeline, looping extensions, installation of new pipeline, compressor station modifications and construction of pig launcher and receiver facilities
Length: 96 miles
Diameter: 6 to 12 inches
Location: New York; Connecticut; Massachusetts
Status: Eversource Energy announced that the project is moving forward in New Hampshire

Operator: Algonquin Gas Transmission LLC
Project: Access Northeast Project
Segment: West Boylston Lateral
Type: Project includes construction of a pipeline lateral
Length: 27 miles
Diameter: 16 inches
Location: Milford, Upton, Grafton, Sutton, Shrewsbury, Boylston and West Boylston, MA

Owner 2: ConocoPhillips
Project: TEMAX Project
Type: Project includes construction of pipeline, looping and replacement of compressor stations
Length: 33 miles
Diameter: 24 inches
Location: Clarington, OH - Delta, PA
Capacity: 395 MMcf/d
Cost: \$500 million
Status: Project is preparing to pre-file with FERC
Comments: Project is an expansion of the Texas Eastern Transmission Pipeline System

Operator: Texas Eastern Transmission
Project: Stratton Ridge Project
Type: Project includes modifications of three mainline compressor stations and the installation of two new compressor stations
Location: Brazoria County, TX
Capacity: 322 MDth/d
Status: Project is awaiting an Environmental Assessment

Completion: 2Q 2019
Project: Greater Philadelphia Expansion Project
Type: Project includes replacement of existing pipeline with a larger diameter pipe and adding new pipeline looping
Length: 35 miles
Location: Philadelphia, PA
Capacity: 475 MDth/d
Status: Project is in the evaluation stage
Completion: 2019

Project: Renaissance Gas Transmission Project
Type: Project includes construction of pipeline
Length: 230 miles
Diameter: 24, 30 and 36 inches
Location: Mount Pleasant, TN - Lawrenceville, GA

Capacity: 1.25 Bcf/d
Status: Project is on hold

STEEL REEF INFRASTRUCTURE CORP. – (11/17)

Project: South Saskatchewan Access Pipeline
Type: Project includes pipeline construction
Length: 5 miles
Diameter: 11 inches
Location: Portal, ND – North Portal, SK
Capacity: 900 cm/d
Start: 4Q 2018
Status: Project is undergoing public meetings
Comments: As the pipeline crosses an international border, it requires approval from both the Canadian and U.S. governments

SUMMIT MIDSTREAM PARTNERS LP – (4/18)

Project: Double E Pipeline
Length: 120 miles
Diameter: 24 and 36 inches
Location: Delaware Basin – Pecos, TX
Capacity: 1 Bcf/d (minimum), 1.4 Bcf/d (maximum)
Completion: 1Q 2021
Comments: Project will provide firm natural gas transportation service from various receipt points in the Delaware Basin to various delivery points in and around the Waha Hub, connecting a growing associated natural gas supply basin to a liquid trading point with multiple current and planned takeaway pipelines to demand centers along the US Gulf Coast and Mexico

Operator: XTO Energy Inc.
Project: Summit Midstream Gathering System
Type: Project includes gathering and processing system construction
Length: 161 miles
Diameter: 48 inches
Location: Eddy and Lea counties, NM
Capacity: 60 MMcf/d
Cost: \$110 million
Status: Project is seeking shipper commitments
Completion: 3Q 2018

TALEN ENERGY CORP. – (10/17)

Project: Montour Lateral
Type: Project includes construction of a pipeline lateral
Length: 15 miles
Diameter: 30 inches
Location: Montour County, PA
Cost: \$70 million
Status: Project is in the early stages
Start: 2Q 2018
Comments: Project will supply natural gas to the Montour Plant

TALLGRASS ENERGY PARTNERS LP – (REV 2/18)

Owner 1: Tallgrass Energy Partners LP, 50%
Owner 2: AGL Resources Inc., 50%
Project: Prairie State Pipeline
Type: Project includes construction of pipeline
Length: 140 miles
Diameter: 36 or 42 inches
Location: Douglas County, IL - Chicago Market Centre
Capacity: 1.2 Bcf/d
Cost: \$1 billion
Status: Project is in the planning stage

TALL OAK MIDSTREAM III LLC – (5/18)

Project: Arkoma Residue Capacity Pipeline
Type: Project includes pipeline construction
Length: 80 miles
Location: Hughes County, OK - Bennington, OK
Start: 2Q 2019
Completion: 4Q 2019
Comments: System will connect to both Tall Oak's planned Panther Creek Natural Gas Processing Plant and a planned receipt point off the Enable Gas Transmission Pipeline

TARGA RESOURCES CORP. – (6/18)

Project: Delaware Basin Processing Expansion
Type: Project includes construction of high pressure rich gas gathering pipelines and two cryogenic natural gas processing plants
Length: 220 miles
Diameter: 12 and 24 inches
Location: Delaware Basin
Capacity: 500 MMcf/d
Completion: 2Q 2020

TELLURIAN INC. – (REV 5/18)

Project: Permian Global Access Pipeline
Type: Project includes pipeline construction
Length: 625 miles
Diameter: 42 inches
Location: Pecos County, TX - Midland, TX – Gillis, LA
Capacity: 2 Bcf/d
Completion: 4Q 2022
Comments: Project is undergoing an open season

Project: Haynesville Global Access Pipeline
Type: Project includes pipeline construction
Length: 200 miles
Diameter: 42 inches
Location: Northern Louisiana - Gillis, LA
Capacity: 2 Bcf/d
Cost: \$1.4 billion
Completion: 4Q 2022

Operator: Downeast Pipeline LLC
Project: Downeast Pipeline
Type: Project includes construction of pipeline
Length: 30 miles
Diameter: 30 inches
Location: Robbinston, ME
Capacity: 300 MMcf/d
Docket: CP07-52
Status: Project has currently been denied
Comments: Pipeline is part of the proposed Downeast LNG Project

TEXAS EASTERN TRANSMISSION LP – (10/17)

Project: Idle Line 1 Abandonment Project
Type: Project includes abandonment and removal of existing pipeline, metering and regulating facilities, and other related aboveground facilities
Length: 165 miles
Diameter: 24 inches
Location: Fayette County, OH - Greene County, PA
Docket: CP17-6
Status: Project has received a favorable Environmental Assessment

TRANSCANADA CORP. – (REV 7/18)

Operator: Columbia Pipeline Group
Project: Buckeye Xpress Project
Type: Project includes pipeline replacement, looping and additional compression
Length: 64 miles
Diameter: 36 inches

Location: Vinton, Jackson, Gallia and Laurence counties, OH; Wayne County, WV
Capacity: 275 MMcf/d
Status: Project has requested FERC authorization to start construction
Completion: 1Q 2020

Comments: In addition to the modernization project, the potential to replace this line with 36-inch diameter pipeline to meet growing market demand in the Appalachian region and beyond

Project: Eastern Panhandle Expansion
Type: Project includes pipeline construction
Length: 4 miles
Diameter: 8 inches
Location: Martinsburg, WV
Capacity: 47 MDth/d
Start: 2Q 2018
Comments: Maryland issued a wetlands/waterways permit for the project

Project: Continent to Coast Expansion Project
Type: Project includes meter station upgrades
Location: Westbrook, MN
Capacity: 300 MMcf/d
Contact: Cynthia L. Armstrong
 Director of Marketing and Business Development
 (603) 559-5527
 cynthia_armstrong@transcanada.com
Docket: CP96-248
Status: Project is currently in the planning stage

Comments: Project is an expansion of the Portland Natural Gas Transmission System and will transport gas into the Maritimes & Northeast Pipeline

VENTURE GLOBAL LNG – (REV 8/17)

Operator: TransCameron Pipeline LLC
Project: TransCameron East Lateral
Type: Project includes construction of pipeline
Length: 24 miles
Diameter: 42 inches
Location: Grand Chenier, LA and Johnson's Bayou, LA
Capacity: 2 MMDth/d
Completion: 1Q 2019

Operator: Venture Global Gator Express LLC
Project: Gator Express Pipeline System
Type: Project includes construction of pipeline, looping and appurtenant facilities
Length: 27 miles
Diameter: 42 inches
Location: Plaquemines Parish, LA
Capacity: 1.9 MMDth/d
Cost: \$284 million
Docket: CP17-67
Status: Project is awaiting an Environmental Impact Statement

WBI ENERGY INC. – (REV 8/17)

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 miles
Location: Clay County MN; Cass, Burleigh, Stutsman and Barnes counties, ND
Capacity: 40 MMcf/d

Cost: \$60 million
Docket: PF16-10
Completion: 3Q 2018

WILLIAMS PARTNERS LP – (REV 5/18)

Operator: Transcontinental Gas Pipe Line Co. LLC
Project: Northeast Supply Enhancement
Type: Project includes construction of pipeline
Length: 35 miles
Diameter: 26 and 42 inches
Location: New York Bay; Lancaster County, PA; Middlesex County, NJ
Capacity: 400 MMcf/d
Start: 2Q 2018
Completion: 4Q 2019
Comments: FERC has issued a Draft EIS for the project

Operator: Transcontinental Gas Pipe Line Co. LLC
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 MDth/d
Docket: CP18-18
Start: 4Q 2019
Completion: 4Q 2020/2021

Status: Project has submitted an application to FERC
Comments: Williams has executed agreements with PSEG Power and UGI Energy Services for firm transportation service under the project

Operator: Northwest Pipeline LLC
Project: North Seattle Lateral Upgrade Project
Type: Project includes pipeline removal and replacement and facility upgrades

Length: 7 miles
Diameter: 8 inches
Location: Snohomish County, WA
Docket: CP17-441
Status: Project has filed with FERC
Start: 2Q 2019
Completion: 4Q 2019

Comments: Project has executed firm agreements with Puget Sound Energy to expand delivery capabilities of the existing lateral, which serves PSE customers

Operator: Northwest Pipeline LLC
Project: North Fork Nooksack Line Lowering Project
Type: Project includes pipeline removal and replacement

Length: .7 miles
Diameter: 30 inches
Location: Whatcom County, WA
Docket: CP17-133
Status: Project is awaiting an Environmental Assessment

Operator: Steelhead LNG Corp.
Project: Island Gas Connector
Type: Project includes construction of pipeline, meter stations and compressor stations
Length: 80 miles
Diameter: 36 inches
Location: Sumas, WA - Vancouver Island, B.C.
Completion: 4 Q2020

Status: Project is preparing to start the pre-filing process with FERC

Operator: Transcontinental Gas Pipe Line Co. LLC
Project: Rivervale South to Market Project
Type: Project includes pipeline looping, upgrades and existing facility modifications

Length: 11 miles
Location: New Jersey
Capacity: 190 MDth/d
Cost: \$127 million
Status: Project submitted an application with FERC for authorization of the project, and has executed precedent agreements with Direct Energy Business Marketing LLC and UGI Energy Services LLC for firm transportation service

Start: 4Q 2018
Completion: 4Q 2019
Comments: Project will help meet the growing heating and power generation demand for northeastern consumers, primarily in New Jersey and New York

Operator: Williams Northwest Pipeline LLC
Project: Washington Expansion Project
Type: Project includes construction of pipeline looping and compression stations
Length: 140 miles
Diameter: 36 inches
Location: Whatcom County, WA - Woodland, WA
Capacity: 750 MDth/d
Docket: CP13-507
Completion: 4Q 2018

XCEL ENERGY – (8/17)

Project: Tungsten to Bobtail Pipeline
Type: Project includes construction of pipeline
Length: 15 miles
Location: Boulder County, CO - Black Hawk, CO
Status: Project is in the planning stages
Start: 2Q 2019
Completion: 3Q 2020

Canada

CHEVRON CANADA LIMITED – (REV 2/17)

Owner 2: Apache Canada
Operator: Pacific Trail Pipelines Ltd. Partnership
Project: Pacific Trail Pipeline
Type: Project includes construction of pipeline and a compressor station
Length: 298 miles
Diameter: 42 inches
Location: Prince George - Kitimat, B.C.
Capacity: 1 Bcf/d
Cost: \$1 billion
Filing: A31037
Status: Project is conducting pre-construction activities

Comments: Project is associated with the proposed Kitimat LNG Facility

FORTISBC – (REV 9/17)

Operator: Woodfibre Natural Gas Ltd.
Project: Eagle Mountain - Woodfibre Gas Pipeline
Type: Project includes pipeline construction and compressor station upgrades
Length: 29 miles
Diameter: 24 inches
Location: Coquitlam to Squamish, B.C.

Capacity: .23 Bcf/d
Cost: \$350 million
Status: Project is in the pre-application phase
Comments: Project will expand a portion of the existing natural gas transmission system and is associated with the proposed Woodfibre LNG Facility

Contractor: Hedberg & Associates Consulting Ltd.
Type: Project includes access planning, permitting and LiDAR design for pipeline routing
Cost: \$250 million

NOVA GAS TRANSMISSION LTD. – (7/18)

Project: Northwest Mainline Loop
Type: Project includes pipeline looping
Length: 14 miles
Location: Clear Hills County, AB
Comments: Project is will transport sweet natural gas from a tie in connection adjacent to the Owl Lake South Meter Station to the existing Hidden Lake Compressor Station

SPECTRA ENERGY CORP. – (REV 5/17)

Project: Westcoast Connector Gas Transmission Project
Type: Project includes construction of two adjacent pipelines
Length: 528 miles
Diameter: 42 and 48 inches
Location: Cypress, B.C. - Prince Rupert, B.C.
Capacity: 4.2 Bcf/d
Cost: \$7.5 billion
Status: Project is on hold

Contractor: FLUOR
Type: Project includes engineering, procurement and construction of the pipeline

TIDEWATER MIDSTREAM AND INFRASTRUCTURE LTD. – (2/18)

Project: Tidewater Pipeline
Type: Project includes pipeline construction
Length: 75 miles
Location: Brazeau River Complex - Sundance and Keephills
Capacity: 130 MMcf/d (initial)
340 MMcf/d (maximum)
Cost: \$150 million
Status: TransAlta Corp. and Tidewater Midstream have entered into a Letter of Intent for the project
Completion: 2020
Comments: Project will facilitate TransAlta's strategy to convert its coal units at Sundance and Keephills to natural gas

TRANSCANADA CORP. – (REV 6/18)

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.
Capacity: 2.1 Bcf/d
Cost: \$4.8 billion
Start: 1Q 2019
Completion: 2Q 2024
Status: Project is awaiting a final investment decision

Contractor: JGC Corp./Fluor Corp.
Type: Project includes engineering, procurement and design for the project

Operator: NOVA Gas Transmission Ltd.
Project: Saddle West Expansion Project
Type: Project includes construction of pipeline looping
Length: 18 miles
Diameter: 36 inches
Location: Saddle Hills County, AB
Comments: System has received approval from the NEB

Operator: NOVA Gas Transmission Ltd.
Project: Peace River Mainline Abandonment
Type: Project includes abandonment of a loop on the existing mainline and the removal of associated above ground facilities
Length: 165 miles
Location: Northwest Alberta
Status: The NEB has approved the project with 22 conditions

Operator: NOVA Gas Transmission Ltd.
Project: Merrick Mainline Project
Type: Project includes construction of pipeline, a meter station, mainline valve sites, launcher and receiver facilities, cathodic protection facilities and miscellaneous work
Length: 161 miles
Diameter: 48 inches
Location: Summit Lake, BC – Peace River, BC
Capacity: 2 Bcf/d
Cost: \$1.9 billion
Filing: A60778
Status: Project has applied with the NEB and is currently on hold

Operator: NOVA Gas Transmission Ltd.
Project: 2021 NGTL System
Type: Project includes pipeline construction
Length: 218 miles
Diameter: 48 inches
Location: Grande Prairie, AB - Municipal District of Greenview No. 16 - Yellowhead County, AB - Clearwater County, AB
Status: Project is undergoing an open season and evaluating potential routes
Start: 2Q 2020
Completion: 2Q 2021

Comments: Project will start in northwest Alberta and run along the west path of the existing NGTL System, from the northwest Alberta southeast towards Rocky Mountain House, which will increase natural gas transportation service on the system

Operator: NOVA Gas Transmission Ltd.
Project: 2019 NGTL Expansion
Type: Project includes construction of pipeline, compression enhancements at five compressor stations, new meter stations and other associated facilities
Length: 171 miles
Diameter: 48 inches
Location: Alberta and British Columbia
Capacity: 3 Bcf/d
Cost: \$2.4 billion
Status: Project is preparing to file an application with the NEB
Start: 1Q 2019

Completion: 2Q 2021
Comments: Project is in addition to the current \$5.1 billion near-term capital program for the NGTL System

Operator: NOVA Gas Transmission Ltd.
Project: 2018 NGTL Expansion
Type: Project includes construction of pipeline, one new compressor, new and expanded meter stations, and other associated facilities
Length: 55 miles
Diameter: 20 to 48 inches
Location: Alberta and British Columbia
Capacity: 2.7 Bcf/d
Cost: \$570 million

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
Capacity: 2.4 Bcf/d
Cost: \$1.7 billion
Filing: A69520
Status: NEB is holding public hearings for the project

Completion: 2Q 2019
Comments: Project will meet the transportation requirements associated with rapidly increasing development of natural gas resources in the Montney supply basin in northeastern B.C.

Operator: Prince Rupert Gas Transmission Ltd.
Project: Prince Rupert Gas Transmission Pipeline
Type: Project includes construction of pipeline
Length: 560 miles
Diameter: 36 and 48 inches
Location: Hudson's Hope, B.C. - Lelu Island
Capacity: 2 Bcf/d
Cost: \$5 billion
Status: Project has received regulatory approval and is currently awaiting a final investment decision

SPECTRA ENERGY – (REV 7/17)

Operator: Westcoast Energy Inc.
Project: Wyndwood Pipeline Expansion Project
Type: Project includes construction of pipeline looping and associated facilities
Length: 17 miles
Diameter: 36 inches
Location: Chetwynd, B.C.
Capacity: 50 MMcf/d
Cost: \$170 million
Filing: A80172
Status: Project is awaiting NEB approval

Mexico

ENGIE – (8/17)

Project: Energia Mayakan Pipeline Extension
Type: Project includes construction of pipeline
Length: 99 miles
Diameter: 16 to 24 inches
Location: Valladolid, Yucatan - Quintana Roo
Cost: \$300 million
Status: Project is in the planning stage
Completion: 1Q 2020

Caribbean/South & Central America

PAMPA ENERGÍA – (REV 6/18)

Operator: Transportadora de Gas del Sur
Project: Vaca Muerta Pipeline
Type: Project includes construction of a pipeline and gas treatment plant
Length: 57 miles
Location: Anelo - Tratayen
Capacity: 1.3 Bcf/d
Cost: \$800 million
Status: Project is awaiting regulatory approval
Comments: Transportadora de Gas del Sur has invested \$250 million for the project

ROYAL DUTCH SHELL – (5/17)

Project: Dragon – Hibiscus Pipeline
Type: Project includes construction of pipeline
Length: 11 miles
Location: Venezuela (Dragon – Hibiscus)
Capacity: 300 MMcf/d
Cost: \$100 million
Status: Project is in the development stage

NGL - The Americas

U.S.

ANDEAVOR LOGISTICS LP – (REV 5/18)

Project: North Dakota Logistics Hub
Type: Project includes construction of 44 miles of pipeline and conversion of 42 miles of pipeline from oil to NGL
Length: 86 miles
Diameter: 16, 20 inches
Location: McKenzie, Billings and Stark counties, ND
Capacity: 15 Mbpd (initial), 34 Mbpd (maximum)

Completion: 1Q 2019
Comments: Project will transport mixed natural gas liquids from the Watford City area to an Andeavor gas processing plant near Belfield, where the liquids would be separated into products such as ethane, propane, butane and natural gasoline

ENERGY TRANSFER PARTNERS LP – (4/17)

Project: Fractionator V
Type: Project includes construction of a fifth natural gas liquids fractionation facility and associated product infrastructure
Location: Mont Belvieu, TX
Capacity: 120 Mbpd
Completion: 2018

ENTERPRISE PRODUCTS PARTNERS LP – (6/17)

Project: Lou-Tex NGL Pipeline Conversion
Type: Pipeline conversion
Length: 263 miles
Location: Sorrento, LA - Mont Belvieu, TX
Completion: 1Q 2020
Comments: Pipeline will be converted from CPG to PGP service

FRONT RANGE PIPELINE LLC – (6/18)

Project: Front Range NGL Pipeline Expansion
Type: Project includes expansion on an existing 435-mile pipeline
Location: Weld County, CO - Skellytown, TX
Capacity: 100 Mbpd
Completion: 3Q 2019

Comments: Project will allow for greater production of NGLs, which Enterprise expects will grow by 40 percent over the next four years in Colorado

KINDER MORGAN INC. – (REV 5/18)

Project: Utica Marcellus Texas Pipeline
Type: Project includes abandonment and conversion of 964 miles of natural gas service on the Tennessee Gas Pipeline, the construction of new pipeline and laterals to provide basin connectivity
Length: 320 miles
Location: Louisiana – Texas
Capacity: 430 Mbpd
Comments: Project will be designed to transport propane, butanes, natural gasoline, y-grade and condensate in batches along the system

ONEOK INC. – (4/18)

Project: Arbuckle II NGL Pipeline
Type: Project includes pipeline construction
Length: 530 miles
Diameter: 24 and 30 inches
Location: Oklahoma - Mont Belvieu, TX
Capacity: 400 Mbpd (initial), 1 MMbpd (maximum)
Cost: \$1.3 billion
Completion: 1Q 2020

Comments: Project will transport unfractionated NGLs originating across ONEOK's supply basins and extensive NGL gathering system to the company's storage and fractionation facilities at Mont Belvieu, TX

Project: Elk Creek Pipeline
Type: Project includes pipeline construction
Length: 900 miles
Diameter: 20 inches
Location: Sidney, MT - Bushton, KS
Capacity: 240 Mbpd (initial)
400 Mbpd (maximum)
Cost: \$1.2 billion (pipeline)
\$200 million (related facilities)
Status: Project is in the planning stage
Completion: 4Q 2019
Comments: Project will transport NGLs from the Rocky Mountain region to the company's existing Mid-Continent NGL facilities

ONEOK ROCKIES MIDSTREAM LLC – (REV 6/18)

Project: Cherry Creek Pipeline Conversion Project
Type: Project includes conversion of an existing natural gas gathering pipeline and a portion of another gathering pipeline into a natural gas liquids transmission line
Length: 45 miles
Diameter: 24 inches
Location: North Dakota
Capacity: 50 Mbpd
Cost: \$1.8 million
Start: 4Q 2018
Comments: Project will transport y-grade NGLs from the Lonesome Creek Plant to the Stateline Plant and tie into the Bakken Pipeline

PERMICO ENERGIA LLC – (10/17)

Project: Permico's Texas NGL Project
Segment: Companero Pipeline
Type: Project includes bi-directional pipeline construction
Length: 510 miles
Diameter: 24 inches

Location: Monahans, TX – Corpus Christi, TX
Capacity: 300 Mbpd
Status: Project funding has been secured through long-term commitments from Korean pension fund institutions
Start: 2Q 2018
Completion: 4Q 2020
Comments: Project will include the Markham Storage Facility and El Centro Fractionator

Segment: Mont Belvieu Pipeline
Type: Project includes bi-directional pipeline construction
Length: 230 miles
Diameter: 20 inches
Location: El Centro Fractionator - Mont Belvieu
Capacity: 250 Mbpd

Segment: Markham Pipeline
Type: Project includes bi-directional pipeline construction
Length: 116 miles
Diameter: 16 inches
Location: El Centro Fractionator - Markham Storage
Capacity: 175 Mbpd

TEXAS EXPRESS PIPELINE LLC – (6/18)

Project: Texas Express NGL Pipeline Expansion
Type: Project includes adding pumping capacity along the existing 583-mile pipeline
Location: Skellytown, TX - Mont Belvieu, TX
Capacity: 90 Mbpd
Completion: 2Q 2019
Comments: Project is undergoing an open season and will facilitate growing production of NGLs from domestic shale basins, including the Denver-Julesburg Basin in Colorado

WILLIAMS PARTNERS LP – (6/17)

Project: Promesa Pipeline
Type: Project includes construction of pipeline and utilization of existing pipeline
Length: 3 miles
Diameter: 4 to 10 inches
Location: Mont Belvieu, TX - Houston Ship Channel
Status: Project is in the planning stage

OIL - The Americas

U.S.

3 BEAR ENERGY LLC – (7/18)

Project: Hat Mesa System
Type: Project includes construction of a gathering and transportation system
Length: 60 miles
Diameter: 10 inches
Location: Lea County, NM
Completion: 3Q 2018
Updates: Project is undergoing an open season
Comments: System's primary terminal is located southwest of Monument, NM, near the Lynch area, at which point shippers will have the ability to deliver crude oil to interconnecting facilities for further transportation to multiple downstream markets

BLUEKNIGHT ENERGY PARTNERS LP – (REV 11/16)

Operator: Knight Warrior LLC
Project: Knight Warrior Pipeline
Type: Project includes construction of pipeline

Length: 160 miles
Diameter: 16 inches
Location: Madison, Walker, Grimes, Montgomery and Harris counties, TX
Capacity: 100 Mbpd
Cost: \$300 million
Status: Project is delayed

Contractor: Hatch Mott MacDonald LLC
Type: Project includes engineering and design for the project

Contractor: Contract Land Staff LLC
Type: Project includes land management for the project

Contractor: Apex TITAN Inc.
Type: Project includes environmental services for the project

BRIDGETEX PIPELINE CO. LLC – (2/18)

Project: BridgeTex Pipeline Expansion
Type: Project includes expansion of the BridgeTex Pipeline via enhancements of existing pumps and related equipment
Location: Bryan, TX
Capacity: 40 Mbpd
Status: Project is undergoing an open season
Completion: 2Q 2019
Comments: Pipeline was recently expanded from 300 Mbpd to 400 Mbpd. This proposed expansion will increase capacity on the pipeline to approximately 440,000 bpd

BUCKEYE PARTNERS LP – (REV 5/18)

Project: South Texas Gateway Pipeline
Type: Project includes construction of a distribution system and a long-haul pipeline
Diameter: 24 inches
Location: Wink, TX – Corpus Christi, TX
Capacity: 400 Mbpd
Completion: 4Q 2019

CRESTWOOD EQUITY PARTNERS LP – (REV 3/18)

Owner: Crestwood Equity
Project: DELTA Pipeline
Type: Project includes construction of pipeline
Length: 200 miles
Diameter: 20 inches
Location: Reeves County, TX - Orla, TX
Capacity: 200 Mbpd
Contact: Russ Kavin
Senior Vice President, Commercial Operations, Central US
russ.kavin@crestwoodlp.com
(832) 519-2260
Status: Project is seeking shipper commitments
Start: 3Q 2018
Comments: Project will have potential connections to multiple downstream pipelines that provide shippers access to attractive demand markets, including Midland, Cushing, Houston and Corpus Christi

ENBRIDGE INC. – (3/18)

Project: Line 5 Pipeline Replacement
Type: Project includes replacement of a portion of pipeline that runs under the St. Clair River
Length: .6 miles
Diameter: 30 inches
Location: Little Rock, AR

Status: Project is working to secure the proper state and federal permits for the project
Comments: Enbridge's Line 5 is a 645-mile, 30-inch pipeline that travels through Michigan's Upper and Lower Peninsulas, originating in Superior, WI, and terminating in Sarnia, ON

Contractor: Michigan Tech's Great Lakes Research Center

Type: Project includes leading a risk analysis of twin pipelines carrying crude oil beneath the Straits of Mackinac

ELK PETROLEUM INC. – (5/17)

Operator: Grieve Pipeline LLC

Project: Grieve Pipeline

Type: Project includes construction of pipeline

Length: 32 miles

Diameter: 8 inches

Location: Mountain View, WY

Capacity: 12 Mbpd

Contact: Scott Hornafius
CEO, Elk Petroleum Inc.
720-744-4884

scott.hornafius@elkpet.com

Status: Project is undergoing an open season

Completion: 1Q 2018

ENBRIDGE PIPELINES INC. – (REV 12/17)

Project: Line 67 Expansion

Type: Project includes installation of new pump stations and associated station piping, including valves and appurtenances at four existing facilities

Location: Donaldson, Plummer, Cass Lake, and Floodwood, MN

Capacity: 120 Mbpd

Cost: \$199.2 million

Docket: PL-9/CN-12-590

Status: Project has received a presidential permit for construction

Comments: Project will add compression to a segment of the existing Alberta Clipper Pipeline

ENERGY TRANSFER PARTNERS LP – (7/18)

Project: Permian to Nederland Pipeline

Type: Project includes pipeline construction

Location: Permian Basin - Nederland, TX

Capacity: 600 Mbpd (initial), 1 MMBpd (maximum)

Completion: 1Q 2020

Comments: Project will serve growing export markets at coastal ports

EXXON MOBIL CORP./PLAINS ALL AMERICAN PIPELINE LP – (7/18)

Project: Permian Pipeline JV

Type: Project includes pipeline construction

Location: Midland, TX - Houston, TX

Capacity: 1 MMBpd

Comments: Project will originate in both Wink and Midland, TX with delivery points in Webster, Baytown and Beaumont, TX

GENESIS ENERGY LP – (1/18)

Project: Powder River Basin Pipeline Gathering System

Type: Project includes construction of gathering lines to an existing pipeline

Location: Campbell and Converse counties, WY

Status: Project is undergoing an open season

Comments: Project will connect crude oil production to the existing 140-mile Powder River

Basin Pipeline, which provides producers in Wyoming's emerging Powder River basin access to multiple attractive markets, including additional downstream markets at Guernsey, WY, regional refineries and/or west, east and gulf coast markets via the Pronghorn Rail loading terminal directly connected to both the Union Pacific and BNSF railroads

HILCORP ALASKA – (11/17)

Project: Cook Inlet Pipe Line System Expansion

Type: Project includes construction of onshore and offshore pipelines and conversion of a cross-inlet pipeline from natural gas to oil

Location: Cook Inlet, AK

Cost: \$75 million

Status: Project has requested permission from the Regulatory Commission of Alaska

Comments: The undersea oil pipeline will allow for the shutdown and decommissioning of the Drift River Terminal

KINGFISHER MIDSTREAM – (7/18)

Project: Cimarron Express Pipeline

Type: Project includes pipeline construction

Length: 65 miles

Diameter: 16 inches

Location: Kingfisher County, OK - Cushing, OK

Capacity: 90 Mbpd (initial), 175 Mbpd (maximum)

Completion: 2Q 2019

Comments: Blueknight Energy Partners will construct and operate the pipeline, which will connect to Kingfisher's crude oil gathering system in northeastern Kingfisher County, OK

MAGELLAN MIDSTREAM PARTNERS LP – (REV 5/18)

Project: Crane to Three Rivers Pipeline

Type: Project includes pipeline construction

Length: 375 miles

Diameter: 24 inches

Location: Crane, TX - Three Rivers, TX

Capacity: 350 Mbpd (initial)

600 Mbpd (maximum)

Status: Project is on hold

MARATHON PIPE LINE LLC – (12/17)

Owner 2: Plains All American Pipeline LP

Owner 3: BP Oil Pipeline Co.

Project: Capline Pipeline Reversal

Type: Project includes pipeline reversal to create a southbound flow on the existing system

Length: 632 miles

Diameter: 12 inches

Location: St. James, LA - Patoka, IL

Capacity: 300 Mbpd (initial)

Status: Project is undergoing an open season

Completion: 2Q 2022

Comments: The reversed pipeline would be able to receive crude from connecting carriers at Patoka. At St. James, shippers would have access to a distribution network that includes refineries, terminals, ships, barges, and rail

MEDALLION DELAWARE EXPRESS LLC (12/17)

Owner: Medallion Pipeline Co. LLC

Project: Delaware Express Pipeline

Type: Project includes pipeline construction

Length: 95 miles

Diameter: 4 to 16 inches

Location: Ward County, TX - Crane, TX

Capacity: 200 Mbpd

Status: Project is undergoing an open season

Comments: Project will provide Medallion's Delaware Basin customers with access to the Permian Basin long-haul takeaway pipelines, local refineries and downstream markets provided by the Wolfcamp Connector's intrabasin header design

MPLX LP – (REV 4/18)

Operator: MPLX Ozark Pipe Line LLC

Project: Cushing-to-Patoka Expansion Project (Ozark Pipeline Expansion)

Type: Project includes the expansion of an existing pipeline system

Location: Cushing, OK - Wood River, IL

Capacity: 115 Mbpd

Status: Project has completed a successful open season

Start: 2Q 2018

Comments: Ozark Pipeline is an existing 433-mile, 22-inch crude oil pipeline originating in Cushing, OK, and terminating in Wood River, IL, capable of transporting approximately 230 Mbpd

Operator: Marathon Pipe Line LLC

Project: Cushing-to-Patoka Expansion Project (Woodpat Pipeline Expansion)

Type: Project includes the expansion of an existing pipeline system

Location: Wood River, IL - Patoka, IL

Capacity: 130 Mbpd

Status: Project is seeking shipper commitments

Start: 2Q 2018

Comments: Woodpat Pipeline is an existing 55-mile, 22-inch crude oil pipeline originating in Wood River, IL, and terminating in Patoka, IL, capable of transporting approximately 215 Mbpd

ONEOK BAKKEN PIPELINE LLC – (REV 3/17)

Project: Bakken Expansion II Loop Project

Type: Project includes construction of pipeline

Length: 58 miles

Diameter: 16 inches

Location: Alexander, ND and Ft. Laramie, FL

Capacity: 160 Mbpd

Status: Project has been delayed

PHILLIPS 66 – (REV 6/18)

Project: Gray Oak Pipeline

Type: Project includes pipeline construction

Location: Reeves, Loving, Winkler, and Crane counties, TX - Corpus Christi, TX - Freeport, TX - Houston, TX

Capacity: 385 Mbpd (initial)

Status: Project is undergoing an open season

Completion: 2Q 2019

Comments: Project received enough commitments from Permian Basin oil producers to move ahead with construction

Project: Ace Pipeline

Type: Project includes pipeline construction

Length: 94 miles

Location: St. James Parish, LA - St. Bernard Parish, LA

Start: 4Q 2018

Completion: 4Q 2019

Comments: System will run to the Phillips 66 Alliance Refinery and cross the Mississippi River to serve refineries in St. Bernard Parish

Project: Reeves-Odesa Origination (Rodeo) Project
Type: Project includes construction of pipeline and associated laterals
Length: 130 miles
Location: Reeves, TX – Odessa, TX
Capacity: 130 Mbpd
Contact: Scott Hutson
Director, Business Development
Scott.M.Hutson@p66.com.
Status: Project is undergoing an open season
Completion: 2Q 2018

PLAINS ALL AMERICAN PIPELINE LP – (REV 5/18)

Project: Sunrise Pipeline System Expansion
Type: Project includes construction of pipeline and utilization of existing pipeline
Length: 180 miles
Diameter: 24 inches
Location: Colorado City, TX – Wichita Falls, TX
Capacity: 120 Mbpd
Start: 4Q 2018
Completion: 2Q 2019
Comments: Project includes capacity expansions to the existing Delaware Basin system of up to 200 Mbpd

Contractor: Holloman Corp.
Type: Project includes pipeline construction

Contractor: Energy Services South LLC
Type: Project includes pipeline construction

Project: Line 901/903 Replacement
Type: Project includes replacement of an existing 24-inch pipeline and installation of a new pump station to reduce the operating pressure of the system

Length: 125 miles
Diameter: 12 and 20 inches
Location: Santa Barbara, San Luis Obispo and Kern counties, CA
Comments: Plains is also proposing to replace the connecting pipeline, Line 903, which spans from Sisquoc to Pentland Delivery Point in Kern County, CA

Project: Permian Basin to Cushing Pipeline
Type: Project includes construction of pipeline and utilization of existing pipeline
Location: Midland, TX - Cushing, OK
Capacity: 350 Mbpd
Status: Project is undergoing an open season
Completion: 2Q 2019

PSNC ENERGY CO. – (5/18)

Project: T-030 Gas Pipeline Extension
Type: Project includes pipeline construction
Length: 37 miles
Diameter: 20 inches
Location: Franklinton, NC - Clayton, NC
Completion: 2Q 2019
Comments: System will terminate at the Clayton supply interchange facility which will also serve as a future supply interchange with the planned Atlantic Coast Pipeline

QUESTAR PIPELINE CO. – (REV 3/18)

Project: Inland California Express
Type: Project includes recommissioning the western segment of Southern Trails Pipeline to transport crude oil
Length: 96 miles
Diameter: 16 inches
Location: Whitewater, CA - Long Beach, CA
Capacity: 140 Mbpd
Status: Project is on hold
Comments: Project will link refineries in Long Beach to the growing supply of crude oil from the central U.S. and Canada

SAN MATEO MIDSTREAM LLC – (7/18)

Project: Rustler Breaks Pipeline
Type: Project includes the construction of a mainline extension from its current long-haul oil pipeline system
Length: 17 miles
Diameter: 10 inches
Location: Eddy County, NM
Completion: 3Q 2018
Status: Project is undergoing an open season
Comments: Project will interconnect with Plains All American Pipeline

SHELL PIPELINE COMPANY LP (REV 2/17)

Operator: Zydeco Pipeline Co. LLC
Owner 2: Shell Midstream Partners LP
Project: Houma - St. James Pipeline
Type: Project includes construction and replacement of large diameter pipeline
Length: 40 miles
Diameter: 24 inches
Location: Houma - St. James
Start: 2Q 2018
Status: Project is in the planning stages
Comments: Project will replace a segment of the existing Zydeco Houma – St. James line

SOUTH TEXAS GATEWAY PIPELINE LLC – (2/18)

Owner: Buckeye Partners LP
Project: South Texas Gateway Pipeline
Type: Project includes pipeline construction
Length: 513 miles
Diameter: 30 inches
Location: Wink, Midland and Crane, TX - Corpus Christi, TX
Capacity: 600 Mbpd
Status: Project is undergoing an open season
Completion: 2Q 2020
Comments: The Permian Basin take-away capacity will expand access to global markets for Texas-produced crude oil, fostering continued economic success for the state

TALLGRASS ENERGY PARTNERS LP – (REV 5/18)

Project: Cheyenne Connector Pipeline
Type: Project includes pipeline construction
Length: 70 miles
Diameter: 36 or 42 inches
Location: Weld County, CO
Capacity: 600 Dth/d (initial)
1.3 MMDth/d (maximum)
Completion: 3Q 2019
Comments: Project has submitted an application with FERC

Project: Iron Horse Pipeline

Type: Project includes 40 miles of new build and 40 miles of gas-to-oil conversion pipeline
Length: 80 miles
Diameter: 16 inches
Location: Labonte, WY - Guernsey, WY
Capacity: 100 Mbpd
Cost: \$150 million
Completion: 1Q 2019
Comments: Project will connect Silver Creek's developing gathering system to the Tallgrass Guernsey Terminal, which is currently under construction, and then to Tallgrass's Pony Express Pipeline and other pipelines in Guernsey, WY

TEXSTAR MIDSTREAM LOGISTICS – (5/17)

Project: Karnes Pipeline
Type: Project includes pipeline construction
Length: 15 miles
Diameter: 10 and 12 inches
Location: Karnes, TX
Comments: Associated with EPIC Pipeline

EAGLE SPIRIT ENERGY HOLDINGS LTD. – (3/18)

Project: Eagle Spirit Pipeline
Type: Project includes pipeline construction
Length: 995 miles
Diameter: 48 inches
Location: Edmonton, AB - Prince Rupert, B.C.
Capacity: 2 MMbpd
Cost: \$14 billion
Status: Project received approval from all First Nations chiefs along a proposed route through northern B.C. and has financial backing from Aquilini Investment Group
Comments: Project is being proposed to replace the canceled Northern Gateway Pipeline and would link Alberta's oil to British Columbia's coast, where tankers would transport the cargo to foreign markets

ENBRIDGE PIPELINES INC. – (REV 3/18)

Project: Line 21 Pipeline (Norman Wells Pipeline)
Type: Project includes installation and decommissioning of pipeline
Length: 1.5 miles
Diameter: 12 inches
Location: Fort Simpson, Northwest Territories
Filing: A85153
Status: Project has received conditional NEB approval

KINDER MORGAN ENERGY PARTNERS – (10/17)

Operator: Trans Mountain Pipeline LLC
Project: Trans Mountain Expansion
Type: Project includes construction of twinned pipeline, 12 new pump stations and 20 tanks
Length: 608 miles
Diameter: 30 to 36 inches
Location: Edmonton - Vancouver
Capacity: 590 Mbpd

Contractor: EVRAZ North America
Type: Project includes pipe supply
Length: 497 miles

Contractor: Midwest Pipelines Inc.
Type: Project includes construction of spreads

1 & 2 of the pipeline (Edmonton/
Yellowhead)

Contractor: Ledcor Sicim Limited Partnership
Type: Project includes construction of spreads 3
& 4 of the pipeline (North Thompson)

Contractor: Surerus Murphy Joint Venture
Type: Project includes construction of spread 5A
of the pipeline (BC Interior)

Contractor: Spicapag Canada Corp.
Segment: Spread 5B (Coquihalla – Hope)
Type: Contract includes pipeline construction
Length: 53 miles
Diameter: 36 inches

Contractor: Somerville-Aecon Energy Group
Type: Project includes construction of spread 6
(Fraser Valley)

Contractor: Kiewit Ledcor TMEP Partnership
Type: Project includes construction of spread 7
of the pipeline, Burnaby Mountain tunnel
and three terminals (Westridge Marine
Terminal, Burnaby Terminal and the Sumas
Terminal)

TRANSCANADA CORP. – (REV 11/17)

Project: Keystone XL Project
Type: Project includes construction of pipeline
Length: 1,179 miles
Diameter: 36 inches
Location: Hardisty, AB - Steele City, NE
Capacity: 830 Mbpd
Cost: \$7 billion
Filing: A21262
Status: Project has launched an open season

PRODUCTS - The Americas

U.S.

BUCKEYE PARTNERS LP – (1/18)

Operator: Buckeye Pipe Line Company LP
Project: Line 602 Expansion Project
Type: Project includes pipeline expansion on the
existing system
Capacity: 12 Mbpd (minimum)
30 Mbpd (maximum)
Status: Project is undergoing an open season
Completion: 4Q 2019
Comments: The existing Line 602 Project transports
refined petroleum products from Linden,
NJ to destination points in Inwood and
Long Island City, NY

DOMINION RESOURCES INC. – (7/16)

Project: Sweden Valley Project
Type: Project includes pipeline construction,
compressor station modifications and new
metering and regulation facilities
Capacity: 120 MDth/d
Cost: \$48 million
Status: Project is preparing to file an application
for a Certificate of Public Convenience
and Necessity with FERC
Completion: 4Q 2019
Comments: Project will help meet growing demand
for natural gas to serve Midwest markets

ENERGY TRANSFER PARTNERS LP— (6/18)

Type: Project includes pipeline construction
Location: Hebert, TX - Midland, TX
Capacity: 30 Mbpd
Completion: 4Q 2020
Comments: Project will transfer diesel fuel
from existing Sunoco Pipeline assets to a
newly constructed terminal in Midland, TX

FORMOSA PLASTICS GROUP – (7/17)

Contractor: Strike LLC
Project: Formosa Expansion Project
Type: Project includes construction of pipeline
Length: 186 miles
Diameter: 8, 10 and 16 inches
Location: Point Comfort, TX
Capacity: 46 Mbpd

HOWARD ENERGY PARTNERS LP – (REV 6/17)

Operator: GT Pipeline LLC
Project: Sabine Bayou Line Project
Type: Project includes construction of pipeline
Length: 6 miles
Diameter: 16 and 20 inches
Location: Port Arthur, TX
Capacity: 308 Mbpd
Status: Project is undergoing an open season

KINDER MORGAN INC. – (REV 7/17)

Operator: Palmetto Products Pipe Line LLC
Project: Palmetto Pipeline
Type: Project includes construction of pipeline,
tanks and pump stations
Length: 360 miles
Diameter: 16 and 20 inches
Location: South Carolina - Florida
Capacity: 167 Mbpd
Cost: \$1.1 billion
Docket: OR15-13
Status: Project is delayed

MAGELLAN MIDSTREAM PARTNERS LP – (REV 7/18)

Project: Magellan Refined Products Pipeline
Type: Project includes an expansion of the
western leg of its refined products
pipeline system
Capacity: 50 Mbpd (initial), (70 Mbpd) maximum
Completion: 2Q 2020
Comments: Expansion would increase Magellan's
capability to transport refined
petroleum products, such as gasoline
and diesel fuel, from Gulf Coast
refineries to demand centers in Abilene,
Midland/Odessa and El Paso, TX, with
further optionality to access markets in
the states of New Mexico and Arizona, as
well as international markets in Mexico
via connections to other pipelines
owned by Magellan and third parties

Project: V-Tex Project Phase I
Type: Work scope includes the expansion and
reversal of an existing refined petroleum
products pipeline system

Length: 135 miles
Diameter: 42 inches
Location: Houston, TX - Hearne, TX
Capacity: 85 Mbpd
Completion: 2Q 2019

Comments: Project will provide the ability to deliver
additional product north to Temple,
Waco and Dallas as well as Magellan's
Midcontinent markets, including Little
Rock, AR. If warranted by additional
customer demand, pipeline capacity
originating in the Houston area could be
further increased

Project: V-Tex Project Phase II
Type: Work scope includes the expansion and
reversal of an existing refined petroleum
products pipeline system
Length: 70 miles
Diameter: 12 inches
Location: Hearne, TX - Williamson County, TX
Capacity: 85 Mbpd
Completion: 2Q 2019

Project: Corpus Christi to Brownsville Pipeline
Type: Project involves pipeline construction
Length: 150 miles
Diameter: 16 inches
Location: Corpus Christi, TX - Brownsville, TX
Capacity: 150 Mbpd
Status: Project contract is out for bid
Start: 3Q 2018
Comments: Project will transport gasoline, diesel fuel,
propane and condensate from Magellan's
terminal in Corpus Christi, TX to
TransMontaigne's terminal in Brownsville,
TX

PILGRIM PIPELINE HOLDINGS LLC – (REV 3/18)

Project: Pilgrim Pipeline
Type: Project includes construction of parallel
pipelines
Length: 356 miles
Diameter: 24 inches
Location: Port of Albany, NY – Linden, NJ
Capacity: 400 Mbpd
Cost: \$900 million
Status: Project is delayed
Comments: Project will provide the region with a
more stable supply of essential refined
petroleum products. Further, the pipeline
will provide the region with a far safer
and more environmentally-sound way of
transporting petroleum products

Mexico

INVEX GRUPO INFRAESTRUCTURA, S.A.P.I. DE C.V. – (11/17)

Project: Tajin Pipeline Project
Type: Project includes pipeline and storage
terminal construction
Length: 165 miles
Diameter: 20 inches
Location: Tuxpan, Veracruz - Mexico Valley
Capacity: 165 Mbpd
Cost: \$350 million
Status: Project is out for bids
Completion: 2Q 2018
Comments: Project will give the Mexico Valley area
access to the import markets from the
U.S., Europe and the Caribbean

MONTERRA ENERGY – (REV 11/17)

Owner 1: TransCanada Corp. (50%)
Owner 2: Sierra Oil and Gas (40%)

Owner 3: Grupo TMM (10%)
Project: Monterra del Centro Pipeline
Type: Project includes construction of pipeline
Length: 167 miles
Diameter: 18 inches
Location: Tuxpan, Veracruz - Tula, Hidalgo
Capacity: 100 Mbpd
Status: Project is in the development stage
Completion: 3Q 2018
Comments: Pipeline will run parallel to TransCanada's natural gas pipeline from Tuxpan to Tula that is currently under construction

OFFSHORE - The Americas

U.S.

ENBRIDGE INC. – (6/18)

Project: Big Foot Oil Pipeline
Type: Project includes pipeline construction
Length: 40 miles
Diameter: 20 inches
Location: Gulf of Mexico (offshore Louisiana)
Capacity: 100 Mbpd
Comments: Project will connect to the Big Foot ultra-deep water development in the Gulf of Mexico

WILLIAMS COMPANIES INC. – (8/17)

Operator: Transcontinental Gas Pipe Line Co. LLC
Project: Central Texas Gathering System Facilities
Type: Project includes pipeline abandonment and construction
Length: 40 miles
Diameter: 20 inches
Location: offshore Texas (Brazos Block A-133A to Brazos Block 538)
Capacity: 2.6 Bcf/d
Cost: \$2.9 million
Docket: CP17-450
Status: Project filed an application with FERC

OTHER - The Americas

U.S.

DENBURY RESOURCES – (REV 4/18)

Project: Denbury Pipeline I
Type: Project includes construction of pipeline
Length: 110 miles
Diameter: 20 inches
Location: Wyoming - Baker, MT
Cost: \$150 million
Start: 3Q 2019
Comments: Project will transport greenhouse gas carbon dioxide for use in oil production along the North Dakota border to the Cedar Creek Anticline, an aging oil field near Baker, MT

Project: Denbury Pipeline II
Type: Project includes construction of pipeline
Length: 250 miles
Diameter: 20 inches
Location: Glendive, MT
Cost: \$400 million
Start: 3Q 2019
Comments: Project will link the Shute Creek site to an existing pipeline network that extends into Montana

GAS – International

Asia Pacific

ALCAN GOVE PTY LTD. – (REV 2/17)

Project: Katherine to Gove Gas Pipeline
Type: Project includes the construction and operation of new pipeline
Length: 373 miles
Location: Katherine - Gove
Comments: Project is currently undergoing a feasibility study

APA GROUP – (7/18)

Project: Crib Point Pakenham Pipeline
Type: Project includes pipeline construction
Length: 37 miles
Diameter: 24 inches
Location: Crib Point - Pakenham
Capacity: 9.5 Bcf/d
Start: 3Q 2019
Completion: 1Q 2020
Comments: System will connect AGL's proposed Gas Import Jetty at Crib Point to the Victorian Transmission System near Pakenham

BANGLADESH PETROLEUM CORP. – (9/17)

Project: Dhaka to Chittagong Pipeline
Type: Project includes pipeline construction
Length: 155 miles
Diameter: 16 inches
Location: Dhaka - Chittagong
Capacity: 3 MMtpa
Status: Project is securing land acquisition

Contractor: Engineers India Ltd.
Type: Project includes route surveying

Contractor: Bangladesh Army
Type: Project includes engineering, procurement and construction

CHINA PETROCHEMICAL CORP. (SINOPEC) – (9/17)

Project: Erdos-Anping-Cangzhou Pipeline
Type: Project includes construction of a trunk and five trunk lines
Length: 1,424 miles
Location: Xiongan New Area, Beijing - Cangzhou, Hebei province
Capacity: 30 Bcm/y
Cost: \$5.1 billion
Status: Project has been approved by the National Development and Reform Commission
Start: 2019
Comments: Project is designed to connect major LNG storage with Xiongan New Area, China's new economic zone near capital Beijing and is part of Sinopec's clean heating program on the northern region

GAIL INDIA LTD. – (7/18)

Project: Barauni-Guwahati Pipeline
Type: Project includes pipeline construction
Length: 417 miles
Diameter: 24 inches
Location: Barauni - Guwahati
Completion: 4Q 2021
Comments: Project is associated with the planned Jagdishpur-Haldia-Bokaro-Dhamra Pipeline

INDIAN OIL CORP. LTD. – (1/13)

Project: Sanganer-Bijwasan Naphtha Pipeline
Type: Project includes the construction of new pipeline
Length: 183 miles
Location: Sanganer - Bijwasan Naphtha
Comments: Project is currently awaiting development decisions

Project: Patna to Motihari and Baitalpur Pipeline
Type: Project includes the construction of new pipeline
Length: 167 miles
Location: Patna to Motihari
Comments: Project is currently awaiting development decisions

Project: Cauvery Basin-Trichy Pipeline
Type: Project includes the construction of new pipeline
Length: 74 miles
Location: Cauvery Basin refinery - Trichy
Comments: Project is currently awaiting development decisions

Project: Ennore-Trichy-Puducherry LPG Pipeline
Type: Project includes the construction of new pipeline
Length: 248 miles
Location: Ennore - Trichy - Puducherry
Comments: Project is currently awaiting development decisions

PHILIPPINE NATIONAL OIL CO. – (REV 12/16)

Project: Batangas-Manila Pipeline
Type: Project includes the construction of new pipeline
Length: 65 miles
Location: Batangas - Manila
Status: Delayed

RELIANCE INDUSTRIES – (REV 7/13)

Project: Kakinada-Basudebpur-Howrah Pipeline
Type: Project includes the construction of new pipeline
Length: 680 miles
Location: Kakinada-Basudebpur-Howrah
Comments: According to the New Indian Express, land owners opposed the project due to inadequate compensation and safety concerns with past pipeline leakage

SINOPEC – (11/16)

Project: Zhundong Coal-to-Gas Plant
Type: Project includes the construction of new gas pipelines
Length: 4,970 miles
Location: Zhundong, China
Completion: 2021
Comments: Project will be the largest coal-to-gas plant in China and will help increase domestic energy efficiency and cut reliance on oil and gas imports

Contractor: Chu Kong PET
Type: Project includes pipeline supply

FSU Eastern Europe

AZERBAIJAN/TURKMENISTAN/ GOV. OF UK – (REV 8/16)

Project: Trans Caspian Gas Pipeline
Type: Project includes the construction of new pipeline, including a subsea portion
Length: 186 miles
Location: Türkmenbaşy – Caspian Sea - Sangachal Terminal, Baku
Comments: Project will have a capacity of 30 Bcm

GAZPROM – (REV 12/16)

Project: Yamal – Europe-2 Pipeline
Type: Project includes the construction of new pipeline
Length: 250 miles
Location: Poland - Slovakia - Hungary
Completion: 2019
Comments: Project will have an annual throughput of no less than 15 Bcm of gas

GAZ-SYSTEM S.A – (REV 5/18)

Project: Kiili-Paldiski Pipeline
Type: Project includes pipeline construction
Length: 34 miles
Diameter: 27 inches
Location: Kiili (Estonia) - Paldiski (Estonia)
Start: 3Q 2018
Completion: 2Q 2019
Comments: System is associated with the Balticconnector Pipeline Project and will connect the gas networks of Finland and the Baltic countries, enabling the opening of the gas market in Finland

Contractor: EG Ehitus AS
Type: Contract includes pipeline construction

Project: Poland-Slovakia Pipeline
Type: Project includes the construction of new pipeline
Length: 102 miles
Location: Poland - Slovakia
Capacity: 5 Bcm/y
Cost: \$128 million
Status: The EU has agreed to finance the project
Comments: Both Poland and Slovakia will now gain direct access to a variety of gas supply sources in the north, including a Polish LNG terminal at Świnoujście in the northwest of the country, a Lithuanian LNG terminal at Klaipėda, and gas from Norway if the proposed Baltic Pipe project goes ahead

Project: Zdzieszowice-Wrocław Pipeline
Type: Project includes the construction of new pipeline
Length: 80 miles
Diameter: 30 inches
Location: Zdzieszowice - Wrocław
Capacity: 8.4 Mtpa
Comments: Project is currently awaiting development decisions

Project: Szczecin-Lwówek Pipeline
Type: Project includes the construction of new pipeline
Length: 116 miles
Location: Szczecin - Lwówek
Comments: Project is currently awaiting development decisions

Project: Strachocina-Pogórska Wola Pipeline
Type: Project includes the construction of new pipeline
Length: 60 miles
Diameter: 30 inches
Location: Strachocina - Pogórska Wola
Cost: \$445 million
Status: Project is currently awaiting development decisions

Completion: 4Q 2019
Comments: Project will enable the transmission of gas from Hermanowice imports to Pogórska Wola and further in the direction of Śląsk, as well as the transmission of gas from the Underground Gas Storage in Strachocina to the transmission system directly in the western direction

MALTA/SICILY – (REV 3/18)

Project: Malta to Sicily Pipeline
Type: Project includes the construction of a 22-inch pipeline
Length: 98 miles (21 miles onshore and 77 miles offshore)
Location: Gela, Sicily – Delimara, Malta
Capacity: 2 Bcm/y
Cost: \$360 million
Status: Malta has received EU funding for the interconnector gas pipeline studies

Completion: 2024
Comments: Malta has so far been cut off from the European energy grid, however the completion of this project will change this, in line with the EU's core security and stability aims

POLAND/DENMARK – (6/17)

Project: Poland to Norway Pipeline
Type: Project will link Poland to gas from Norway and increase the security of its energy supplies
Location: Poland - Norway
Status: Project is seeking capacity commitments

POLAND/LITHUANIA – (REV 8/17)

Project: Gas Interconnection Poland-Lithuania
Type: Project includes the construction of new pipeline
Length: 445 miles
Location: Lithuania - Poland
Capacity: 2.3 Bcm/y
Cost: \$658 million
Completion: 2019
Status: Project is currently undergoing route studies

Comments: Pipeline is a part of the Baltic Energy Market Interconnection Plan Project

Middle East

GOV. OF IRAN – (REV 3/17)

Project: Iran-Iraq-Syria Pipeline
Type: Project includes the construction of pipeline
Length: 3,500 miles
Diameter: 56 inches
Location: Iran – Iraq - Syria
Capacity: 110 MMcm/d
Cost: \$10 billion
Status: Project is in the planning stage

KOREA GAS CORP. – (REV 4/17)

Type: Project includes construction of one onshore lateral from Rudan to Mobarak Mount, and one offshore lateral from Mobarak Mount to Sohar Port in Oman
Length: 250 miles
Location: Iran - Oman
Cost: \$1.2 billion
Status: Project is undergoing route changes
Comments: Feasibility studies for the offshore section of the pipeline are complete

NATIONAL IRANIAN OIL CO. – (REV 3/18)

Project: Iran-Kuwait Pipeline
Type: Project includes the construction of new pipeline
Length: 350 miles
Location: Iran-Kuwait
Capacity: 141 Mcf/d
Completion: 4Q 2019
Status: Project is awaiting a final investment decision
Comments: Project will help Iraq to reduce flaring and finish paying the reparations owed to Kuwait for the invasion in 1990

Contractor: Toyo Engineering
Type: Project includes engineering, procurement and design

Owner 2: Sui Northern Gas Pipelines
Owner 3: Gazprom JSC
Project: Iran-Pakistan Pipeline
Type: Project includes the front-end engineering and design of 56-inch pipeline along with providing project management and technical supervision services
Length: 746 miles
Diameter: 56 inches
Location: Asalouyeh, Bushehr – Iranshahr – Khuzdar - Sui - Multan, Punjab, Pakistan
Capacity: 40 Bcm/y
Cost: \$7.5 billion
Status: Gazprom and NIOC signed a Memorandum of Understanding to examine the avenues for cooperation in the field of hydrocarbon prospecting, exploration and production within Iran
Start: 4Q 2018

Contractor: ILF Consulting Engineers
Type: Contract includes the front-end engineering and design of the project

Africa

EAST AFRICAN COMMUNITY – (REV 12/16)

Project: Dar es Salaam-Tanga-Mombasa Pipeline
Type: Project includes the construction of new pipeline and gas skid supply terminals
Length: 329 miles
Location: Tanzania - Mombasa
Comments: Project is currently undergoing a feasibility study

OIL - International

Africa

KENYA PIPELINE CO. – (REV 11/17)

Project: Eldoret - Kampala Pipeline
Type: Project includes the extension and reversal of existing pipeline, including mainline pumps, intermediate pump stations and road/rail loading facilities
Length: 497 miles
Diameter: 8 and 14 inches
Location: Eldoret – Kampala
Capacity: 1 Bcf/d
Status: Project has released construction bids
Comments: Project will also serve markets in South Sudan, DRC Congo, Burundi and Tanzania

Contractor: Prome Construction Ltd.
Type: Project includes the engineering, procurement and construction of the pipeline

MALAWI GOVERNMENT – (REV 7/16)

Project: Moz-Malawi-Zambia-Congo Pipeline
Type: Project includes the construction of new pipeline, pumping stations and storage tanks
Length: 504 miles
Location: Moz – Malawi – Zambia - Congo
Comments: Pipeline will have 500 cm/month of capacity

SOUTH SUDAN – (REV 12/16)

Project: Juba-Lamu oil pipeline
Type: Project includes the construction of new pipeline
Length: 1,242 miles
Location: Juba - Lamu
Capacity: 450 Mbpd
Comments: Project is currently in the feasibility stages and, when complete, will transport between 700M to one million barrels of crude oil from South Sudan to other countries via the proposed Lamu Port, as an alternative route to Port Sudan

PRODUCTS - International

Africa

BANGLADESH PETROLEUM CORP. – (12/17)

Project: Indo-Bangla Friendship Pipeline
Type: Project includes pipeline construction
Length: 80 miles
Location: Siliguri, West Bengal – Parbatipur, Bangladesh
Capacity: 1 MMtpa
Cost: \$46.6 million
Status: Project has received financing
Comments: Numaligarh Refinery Ltd. and Bangladesh Petroleum Corp. have signed a Sale Purchase Agreement for supply of high speed diesel through the proposed pipeline. India will also set up a line from Dattapulia in West Bengal to ferry natural gas to Khulna in Bangladesh

Contractor: Engineers India Ltd.
Type: Contract includes a feasibility study for the project

OFFSHORE – International

Asia Pacific

ASIA CONSORTIUM ENGR./DOSB – (3/16)

Project: Trans Oriental Gas Pipeline
Type: Project includes the construction of a subsea pipeline
Length: 2,485 miles
Completion: 2022
Location: Malaysia - South Korea
Comments: An MoU for the project has been signed

FSU Eastern Europe

GOV. OF RUSSIA/GOV. OF JAPAN – (REV 6/17)

Project: Sakhalin - Japan Pipeline
Type: Project includes the construction of new pipeline
Length: 807 miles
Location: Sakhalin - Japan
Capacity: 25 Bcm/y
Cost: \$6.7 billion
Status: Japanese lawmakers are revisiting the delayed project due to high demand

Middle East

IGI POSEIDON SA – (REV 3/18)

Project: Eastern Mediterranean (EastMed) Pipeline Project
Type: Project includes offshore and onshore pipeline construction
Length: 1,179 miles (807 onshore; 372 offshore)
Location: Eastern Mediterranean – Cyprus – Crete Island – Peloponnese – West Greece
Capacity: 10 Bcm/y
Status: Project is performing marine surveys along the route, in order to improve routing accuracy and has received funding from the European Union
Comments: Project will enhance Europe's gas security of supply via diversification of counterparts, routes and sources; develop EU indigenous resources such as the offshore gas reserves around Cyprus and Greece; and promote the development of a South Mediterranean Gas Hub

Contractors: Intecsea and C&M consortium
Type: Project includes a pre-feed study for the pipeline
Cost: \$4.7 million

TRADE BANK OF IRAQ – (REV 7/17)

Project: Basra - Aqaba Pipeline
Type: Project includes pipeline construction
Length: 1,044 miles
Location: Basra - Aqaba
Capacity: 4.5 MMbpd
Status: An MoU was signed in November 2015
Comments: Jordan is urging the reopening of the Iraq border, which would push the project forward

Western Europe & EU Countries

STATOIL – (REV 1/17)

Project: Skrugard Field Development
Type: Project includes pipeline construction
Length: 174 miles

Location: Skrugard - Veidnes

Capacity: 200 Mbpd

Completion: 4Q 2018

Contractor: Multiconsult

Type: Project includes the front-end engineering and design for the pipeline

Africa

BP – (11/17)

Operator: Kosmos Energy
Project: Tortue Development Project
Type: Project includes subsea gas production, a floating gas treatment facility, a pipeline with domestic gas connection points and a nearshore gas conversion hub facility
Location: offshore Mauritania and Senegal
Cost: \$1 billion
Start: 2Q 2018

Contractor: KBR Inc.

Type: Project includes pre-FEED services for the project