

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

GAS – The Americas

U.S.

AMERICAN MIDSTREAM – (8/17)

Operator: High Point Gas Transmission LLC
Project: Venice to Toca Pipeline Abandonment Project
Type: Project includes pipeline abandonment and valve modifications
Length: 62 miles
Diameter: 12 to 22 inches
Location: Plaquemines and St. Bernard parishes, LA
Docket: CP16-474

ANR PIPELINE CO. – (1/17)

Project: Collierville Expansion Project
Type: Project includes the addition of a 4,700 hp compressor stations and modification of an existing meter station
Location: Shelby County, TN
Comments: Project will increase the delivery capability of the Collierville Meter Station by 200 MDth/d to 300 MDth/d

APEX PIPELINE SERVICES – (3/16)

Owner: EQT Midstream Partners LP
Project: Maco Pipeline
Type: Pipeline will involve the construction of pipeline and installation of 32,000 horsepower of compression
Length: 32 miles
Location: Pennsylvania
Start: 2016
Completion: 2017
Comments: The project will be completed in two phases

BLACK HILLS ENERGY – (6/17)

Project: Northeast Nebraska Line
Type: Line will run from Bancroft to Norfolk
Length: 50 miles
Location: Bancroft, NE - Norfolk, NE
Completion: Project completion date has been extended

BLUE FLAME PIPELINE – (3/17)

Owner: Antero Midstream
Project: Marcellus Gathering System Pipeline
Type: Project includes the construction of 24-inch and 20-inch pipeline
Length: 8 miles
Location: Doddridge, Tyler and Ritchie counties, WV

BRAZOS MIDSTREAM – (6/17)

Project: Comanche II Plant
Type: Project includes the construction of a second gas processing plant
Location: Reeves County, TX
Completion: 1Q 2018
Comments: Project will add 200 MMcf/d of incremental processing capacity and will increase Brazos' total operated processing capacity in the Delaware Basin to 260 MMcf/d

BRUCE ALLEN INC. – (6/17)

Owner: Dominion Transmission
Project: Transco to Charleston Project
Type: Project will include the construction of new pipeline including the following: two new natural gas transmission pipelines, upgrades to an existing compressor station and the addition of a new compressor station
Length: 60 miles
Diameter: 4 and 12 inches
Location: Charleston, Dillon, Lexington and Marlboro counties, SC
Completion: November 2017
Comments: Project has been approved by FERC. Project will consist of the following facilities: Moore to Chappells Pipeline; Dillon Pipeline; Moore Compressor Station; and Dor Compressor Stations

CANYON MIDSTREAM

PARTNERS II LLC – (5/17)

Project: Redcliff Plant
Type: Project includes the construction of a new natural gas processing facility (the Redcliff Plant) and a gas gathering system, including of 20-inch steel trunkline, multiple field compression stations and low-pressure gathering pipelines
Length: 70 miles
Location: Woodward County, OK
Completion: 2018
Comments: Once completed, the project will provide its customers with 200 MMcf/d of cryogenic gas processing capacity and access to premium residue gas markets on ANR and Southern Star Central

CAPSTONE ENERGY/WILLBROS/ PUMPCO – (5/17)

Owner: Energy Transfer
Project: Revolution Pipeline
Type: Project includes the construction of a 24-inch and 30-inch pipeline and fractionation facility
Length: 86 miles
Location: Butler County, PA – Revolution Plant
Comments: Project will have a capacity in excess of 440 MMcf/d

CENTRAL NEW YORK OIL & GAS CO. LLC – (12/16)

Project: MARC II Pipeline
Type: Project includes the construction of a new natural gas pipeline gathering header
Length: 30 miles
Location: Luzerne County, PA
Completion: 4Q 2017
Comments: Crestwood has received non-binding indications of interest for firm transportation on the proposed MARC II Pipeline in excess of 700 MMcf/d

CHENIERE CORPUS CHRISTI PIPELINE LP – (5/17)

Project: Corpus Christi Pipeline
Type: Project includes pipeline construction
Length: 23 miles

Diameter: 48 inches
Location: Sinton, TX – Corpus Christi, TX
Docket: CP12-508
Completion: 2019
Comments: Pipeline will allow for the interconnection points with interstate and intrastate natural gas transmission pipelines in South Texas, including Tennessee Gas Pipeline, Southcross, Kinder Morgan Tejas Pipeline and Transcontinental Gas Pipeline. The line will terminate at the proposed Corpus Christi Liquefaction Plant

Contractor: Associated Pipe Line
Type: Project includes pipeline construction

COLUMBIA GAS TRANSMISSION LLC – (5/17)

Project: Line WB2VA Integrity Project
Type: Project includes the installation of various pieces of auxiliary equipment, including launchers and receivers, replacement of existing mainline valves, replacement of an existing dual pipe river crossing, and replacement of short sections of existing pipeline within or proximate to existing compressor stations, to create a common diameter pipeline from beginning to end that can be internally inspected using smart pigs
Location: Hardy County, WV - Greene County, VA
Comments: The goal of this pipeline integrity project is to modify portions of the existing WB2VA line to facilitate the use of the smart pig inline inspection technology

Project: Line SM-80 MAOP Project
Type: Project includes the abandonment of a segment of existing pipeline and the replacement of the segment by constructing and operating a 30-inch-diameter pipeline
Length: 3.8 miles
Location: Wayne County, WV
Comments: The replacement pipeline would allow that segment of Line SM-80 to operate at its original maximum allowable operating pressure

COLUMBIA MIDSTREAM – (7/17)

Contractor: InterCon Construction Inc.
Sub: Lone Star Directional Drilling
Project: Big Pine System Extension
Type: Project includes the installation of 3,300 feet of pipeline via HDD
Diameter: 20 inches
Location: Westmoreland and Indiana counties, PA
Supt: David Chesney

COLUMBIA PIPELINE GROUP – (7/17)

Project: Leach XPress Project
Type: Project includes the construction of natural gas pipeline and compression facilities
Length: 160 miles
Diameter: 30 and 36 inches
Location: Fairfield, Perry, Noble and Monroe counties, OH; Marshall County, WV; and Greene County, PA
Capacity: 1.5 Bcf/d

Contractor: Associated Pipe Line Contractors Inc.
Sub: Pedero Pipe Support Systems USA
Project: Leach XPress Project
Type: Project includes providing spray breakers and pillows on pipeline
HQ: Lancaster, OH
Supt: Mark Nail and James Silva

Contractor: Associated Pipe Line Contractors Inc.
Project: Leach XPress Project
Type: Project includes the installation of pipeline
Length: 44.3 miles
Diameter: 36 inches
Location: Noble, Muskingum, Morgan and Perry counties, OH
Foremen: Charles Beddingfield and Michael Steward

Contractor: Apex Pipeline Services Inc.
Project: Leach XPress Project
Type: Project includes anomaly digs and pipeline modifications
Diameter: 4 to 36 inches
Location: Edinburg, VA
Foremen: Brandon Sampson and Matthew Steward

Contractor: Price Gregory International
Project: Leach XPress Project
Type: Project includes the installation of pipeline
Length: 28 miles
Diameter: 36 inches
Location: Monroe and Noble counties, OH
Foremen: Stan Campbell and Colby Steward

Project: Rayne XPress Project
Type: Project involves the construction of two new compressor stations along the existing Columbia Gulf System
Location: Marshall County, WV - Pennsylvania - Ohio - Wayne County, WV
Completion: 2017
Comments: Project will increase capacity up to 1.0 Bcf/d of natural gas to efficiently transport Marcellus and Utica production to markets in the Gulf Coast region and beyond

CONSUMERS ENERGY – (7/17)
Contractor: Welded Construction LP
Sub: Phillips & Jordan Inc.
Project: Saginaw Pipeline
Type: Project includes the clearing of pipeline right-of-way
Length: 18 miles
Diameter: 24 inches
Location: Genesee and Saginaw counties, MI
HQ: Mount Morris, MI
Supt: Mark Smith

CRESTWOOD EQUITY PARTNERS LP – (7/17)
Project: Bear Den Plant / Bear Den West Pipeline
Type: Project includes the construction of a new processing plant and an associated pipeline
Location: McKenzie County, ND
Completion: 4Q 2017
Comments: Project will have a capacity of 30 MMcf/d of gas and will meet increasing production volumes from producers on the Arrow system and acreage surrounding the Fort Berthold Indian Reservation

DCP MIDSTREAM LP – (7/17)
Project: Sand Hills Pipeline Extension (Phase II)
Type: Project includes the partial looping of the pipeline and the addition of seven new pump stations in the initial phase of the extension
Capacity: 85 Mbpd
Cost: \$500 million
Location: Mont Belvieu, TX
Completion: 2Q 2018
Comments: Future expansion could include the addition of a full loop of Sand Hills, which could increase capacity by over 100 Mbpd to a minimum of 550 Mbpd

Project: Sand Hills Pipeline Extension (Phase I)
Type: Project includes the expansion of existing pipeline through the addition of four pump stations and a pipeline loop
Location: Mont Belvieu, TX
Completion: 4 Q2017
Comments: Project will increase pipeline capacity by 30 percent to 365 Mbpd

DOMINION ENERGY – (7/17)
Project: Eastern Market Access Project
Type: Project includes adding compression and auxiliary facilities along Dominion's existing interstate natural gas transmission pipeline
Location: Charles County, MD, Loudoun and Fairfax counties, VA
Capacity: 294 MDth/d
Docket: CP17-24
Completion: 4Q 2018

Contractor: Minnesota Ltd. LLC
Type: Project includes the installation of 1,400 feet of pipeline
Diameter: 30 inches
Location: Loudoun County, VA
HQ: Leesburg, VA
Supt: Roman McKown

DOMINION EOG – (7/17)
Contractor: Minnesota Ltd. LLC
Project: Pipeline Infrastructure Replacement Program
Type: Project includes the installation of 2,700 feet of pipeline
Length: 30 miles
Location: Cuyahoga County, OH
HQ: Dover, OH
Supt: Gary Hawk

DOMINION TRANSMISSION – (1/17)
Project: Leidy South Project
Type: Project includes the addition of 48,120 hp of compression and new metering and regulation equipment to an existing interstate pipeline transmission system
Length: .2 miles
Location: Pennsylvania and Virginia
Completion: 2017
Comments: Project will have a capacity of 155 MMcf/d

DTE ENERGY – (8/17)
Contractor: Gabe's Construction Co. Inc.
Type: Project includes pipeline installation
Length: .4 miles
Diameter: 16 inches
Location: Susquehanna County, PA
Contact: Steve Huibregtse
 Superintendent

EASTERN SHORE NATURAL GAS – (1/17)
Owner: Eastern Shore Natural Gas Project: Reliability Expansion Project
Type: Project involves the construction of 15 miles of 16-inch pipeline and two loops (Dover and Porter)
Length: 15 miles
Location: New Castle, Kent and Sussex counties, DE
Start: 2016

EM ENERGY PIPELINE PENNSYLVANIA LLC – (7/17)
Contractor: MG Dyess
Project: Constellation Pipeline Extension Project
Type: Project includes the installation of welded steel natural gas pipeline
Length: 21 miles
Diameter: 8, 20 and 24 inches
Location: Butler County, PA

ENABLE MIDSTREAM PARTNERS LP – (6/17)
Project: Wildcat Pipeline
Type: Project includes the construction of new pipeline and will connect Oklahoma natural gas production to existing processing and pipeline capacity outside the state
Location: Oklahoma (SCOOP/STACK)
Completion: 2Q 2018
Comments: Project will move up to 400 MMcf/d of natural gas to a processing plant and pipeline hub in north Texas

Project: Kingfisher Extension
Type: Project includes the construction of a new transmission line to connect southeast Kingfisher County with EOIT's existing mainline facilities that deliver to Bennington, OK
Location: Kingfisher County, OK – Bennington, OK
Comments: Project is currently in the evaluation stage and will provide access to Enable Oklahoma Intrastate Transmission's on-system power, LDC and industrial end users and EOIT's East Pool

Project: Enable Gas Transmission Expansion/ Enable Oklahoma Intrastate Transmission Expansion
Type: Project includes the expansion of two existing pipelines
Location: Oklahoma (SCOOP/STACK)
Comments: The expansions will utilize existing capacity on EGT and EOIT along with the installation of certain new facilities to provide over 600 MDth/d of new, firm natural gas transportation service

Project: Cana and STACK Expansion (CaSE) Project
Type: Project includes the expansion of existing pipeline
Location: Oklahoma (SCOOP/STACK)
Completion: 2018
Comments: Project is expected to launch at an initial capacity of 45 MDth/d, growing to the full 205 MDth/d of contracted capacity by 4Q 2018

ENBRIDGE – (7/17)
Project: Berne Compressor Station
Type: Project includes the construction of a new compressor station
Location: Monroe County, OH
Completion: 3Q 2017

Comments: Project is part of the Access South, Adair Southwest and Lebanon Extension projects

ENERGY TRANSFER PARTNERS – (2/17)

Project: Revolution Pipeline
Type: Project involves the construction of 100 miles of 24- and 30-inch pipeline
Length: 100 miles
Location: Butler County, PA
Start: 2016

ENLINK MIDSTREAM – (2/17)

Project: Chisholm III
Type: Project includes a new 200 MMcf/d processing expansion of its existing system
Location: Oklahoma
Completion: 2017
Comments: Upon completion of the Chisholm III expansion, EnLink's Central Oklahoma processing capacity will total approximately 1 Bcf/d, which represents nearly a three-fold increase from the 350 MMcf/d of capacity operated in 2015

EQT & RANGE RESOURCES – (5/17)

Project: Mako Pipeline – Phase II
Type: Project includes the construction of 24-inch pipeline
Length: 20 miles
Location: Pennsylvania
Comments: Pipeline will provide more than .5 Bcf/d of firm capacity and is backed by a long-term firm capacity reservation commitment

EQUITRANS LP – (6/17)

Project: Plasma Interconnect
Type: Project includes the construction of a 30-inch diameter pipeline (H-310 line), the Plasma Compressor Station and two header pipelines
Length: 35 miles
Location: Monroe County, OH
Comments: Project is part of the Ohio Valley Connector Project and will create 850 MDth/d of new firm transportation service

ETC KATY INTRASTATE PIPELINE – (7/16)

Type: Project includes the construction of 24-inch pipeline
Length: 32 miles
Location: Pennsylvania
Completion: 2017
Comments: Project will have a capacity of 500 Mcf/d

EXCEL ENERGY – (7/17)

Contractor: Snelson Cos. Inc./KR Swerdfefer Construction/SiteWise Corp./Q3 Contracting
Project: Residential Gas Service Replacement Program
Type: Project includes integrity management and maintenance work on existing pipeline
Location: Henderson, CO
Comments: The program will result in the replacement of 600 miles of natural gas pipeline throughout Colorado, with nearly 100 miles residing in the Denver metro area

FEMACA – (7/16)

Owner: CFE
Project: Encino-La Laguna Pipeline
Type: Pipeline will transport gas from southern Texas and supply northern Chihuahua and Durango states
Length: 263 miles
Location: Texas - Chihuahua and Durango
Start: 2015
Completion: 2017

Owner: CFE
Project: San Isidro-Samalayuca Pipeline
Type: Pipeline will transport gas from southern Texas to the new Norte III power plant in Chihuahua State
Length: 14 miles
Location: Texas - Chihuahua
Start: 2015
Completion: 2017

GULF SOUTH PIPELINE – (1/17)

Project: Katy Lateral Project
Type: Project includes the take up and relay of 30-inch pipeline
Length: 1.25 miles
Location: Fort Bend County, TX
Start: 3Q 2017

GULF STATE ENGINEERING – (5/16)

Owner: Kinder Morgan Inc.
Project: Mier-Monterrey Pipeline
Type: Project includes the looping of the existing system and construction a new lateral

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Dewatering
Paraffin scraping
Condensate removal



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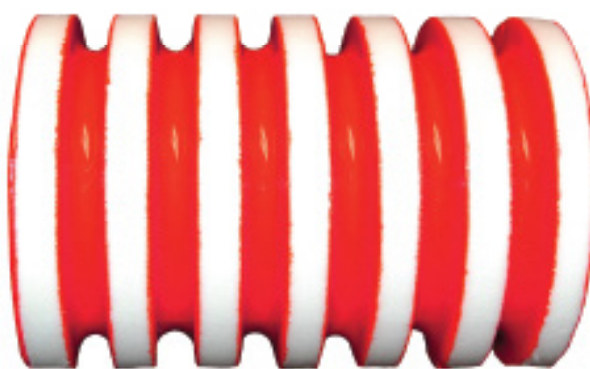
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Location: Pesquería, Nuevo León, Mexico
Completion: 2017
Comments: Pipeline connects to a 1,000-megawatt power plant complex and to the Pemex natural gas transportation system

Owner: Kinder Morgan Inc.
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
Completion: 2018

Comments: Project will be designed to transport propane, butanes, natural gasoline, y-grade and condensate in batches along the system, with a maximum design capacity of 430 Mbpd

HENKELS & MCCOY – (2/17)

Owner: Spectra Energy
Project: Atlantic Bridge
Type: Project includes the take up, relay and new lays of 12-inch to 42-inch pipeline and compressor station work

Length: 35 miles
Location: Westchester County, NY; Fairfield, New Haven and New London counties, CT; Norfolk County, MA

Completion: 2017
Comments: Project will have a peak capacity of 132,700 Dth/d

HOWARD MIDSTREAM ENERGY PARTNERS LLC – (1/17)

Operator: Nueva Era Pipeline LLC
Project: Nueva Era Pipeline
Type: Project includes the construction of two 30-inch pipeline laterals— 17 miles in Webb County, TX (Impulsora Pipeline) and 171 miles in Mexico (Midstream de Mexico)

Length: 190 miles
Location: Webb County, TX - Escobedo, Nuevo León

Completion: 2018
Comments: Project will provide seamless transportation service for 600 MMcf/d of natural gas (expandable to 900 MMcf/d), connecting producers in South Texas directly with end-users in northern Mexico

Operator: Impulsora Pipeline LLC
Project: Impulsora Pipeline
Type: Project includes the construction and operation of new border crossing pipeline facilities station

Length: 17 miles
Diameter: 30 inches
Location: Webb County, TX
Docket: CP16-70

INFRASOURCE CONSTRUCTION LLC – (5/17)

Owner: Dominion East Ohio
Type: Project includes the construction of 24-inch and 16-inch pipeline
Length: 10 miles
Location: Mehoning and Trumbull counties, OH

IROQUOIS GAS TRANSMISSION SYSTEM LP – (REV 2/16)

Owner: Tennessee Gas Pipeline Co. LLC
Project: South-to-North
Type: Project includes the reverse flow on existing pipeline
Location: Canajoharie, NY; Brookfield, CT; and Wright, NY
Completion: 2017
Comments: Project would transport up to 300 MDth/d of natural gas

KINDER MORGAN – (7/17)

Operator: Tennessee Gas Pipeline Co. LLC
Contractor: Henkels & McCoy Inc.
Project: Orion Project
Type: Project includes the construction of pipeline looping (i.e., installation of additional pipe adjacent to and connecting with the existing pipeline) and minor modifications to one existing compressor station

Length: 13 miles
Diameter: 36 inches
Location: Pike and Wayne counties, PA
Capacity: 135 MDth/d
Cost: \$143 million
HQ: Honesdale, PA
Supt: Chad Simmons
Foremen: Jason Steed and Mark Steward
Completion: 3Q 2018

Project: UTOPIA East Project
Type: Project includes construction of the first two spreads of the 12-inch pipeline
Length: 215 miles
Location: Harrison County, OH - Fulton County, OH
Completion: 2018

Comments: UTOPIA will transport previously refined or fractionated natural gas liquids, including ethane and propane, with an initial 50 Mbpd of capacity, which is expandable to more than 75 Mbpd

Contractor: Minnesota Ltd. LLC
Project: Utopia Pipeline
Type: Project includes metering station upgrades and pipe fabrication

Diameter: 2 to 12 inches
Location: Tuscarawas County, OH
HQ: Dover, OH
Supt: Gary Hawk

Contractor: Letourneau Enterprises LLC
Project: Utopia Pipeline
Type: Project includes the clearing, grubbing and matting of pipeline right-of-way

Length: 4 miles
Diameter: 12 inches
Location: Harrison County, OH
HQ: Cadiz, OH
Supt: Tyson L. Shook

Contractor: Minnesota Ltd. LLC
Project: Kinder Morgan Illinois Pipeline Project
Type: Project includes the hydrotesting of an existing pipeline and installation of a launcher and receiver

Diameter: 24 and 30 inches
Location: Will, Cook and Kankakee counties, IL
HQ: Big Lake, MN
Supt: Kerry Schott

Contractor: Snelson Companies Inc.
Project: Balfour Interchange Project
Type: Project includes the installation of 450 feet of gas utility lines
Diameter: 2 and 3 inches
Location: Contra Costa County, CA
HQ: Richmond, CA
Supt: David Wix
Comments: Project is part of the relocation of utility lines and a pump station for the Contra Costa Transportation Authority's Balfour Interchange Project

Contractor: Henkels & McCoy Inc.
Project: Connecticut Expansion
Type: Project includes the fabrication and installation of pipeline looping
Length: 13.4 miles
Diameter: 24 and 36 inches
Location: Albany County, NY, Berkshire and Hampden counties, MA and Hartford County, CT
Capacity: 72.1 MDth/d
Cost: \$93 million
Foremen: Timothy Hathaway and Mark Steward
Completion: 4Q 2017

Project: Gulf Coast Southbound Expansion Phase I
Type: Project includes the construction of a new compressor station, modifying existing valve sites and replacement of a minimal length of pipeline facilities, as well as modifications to NGPL's existing compressor station facilities

Location: Cass, Victoria, Wharton and Angelina counties, TX; White County, AR
Capacity: 460 MDth/d
Completion: 4Q 2018

Project: Gulf Coast Southbound Expansion Phase II
Type: Project includes construction of additional compression facilities at NGPL's new compressor station
Location: Chicago Market, IL - Agua Dulce Hub, LA
Capacity: 250 MDth/d
Completion: 4Q 2019

LATEX CONSTRUCTION – (5/17)

Owner: PSNC Energy
Project: T-001A Gas Pipeline
Type: Project involves the construction of 24-inch and 8-inch pipeline

Length: 50 miles
Location: Cleveland, Rutherford and Polk counties, NC

MARKWEST – (7/17)

Contractor: Apex Pipeline Services Inc.
Project: Sherwood Expansion
Type: Project includes the installation of pipeline
Length: 3 miles
Diameter: 30 inches
Location: Doddridge County, WV
Capacity: 600 MMcf/d
HQ: Sherwood, WV
Supt: Roman McKown

MEADE – (6/17)

Owner: NIPSCO
Project: LaPorte to Gary Aetna Natural Gas Line Upgrade

Type: Project includes the replacement of existing 22-inch natural gas transmission line with a 24-inch line
Length: 30 miles
Location: LaPorte County, IN
Comments: Work will be conducted in existing NIPSCO easements and construction will begin on the La Porte side of the route and move west toward Gary

MG DYESS – (5/17)

Owner: Texas Eastern Transmission
Project: Adair Southwest Extension / Access South
Type: Project includes 16 miles of 36-inch pipeline relay or loop within or adjacent to existing Texas Eastern right-of-way, additional compression at existing stations, three existing receipt meters converted for bi-directional flow and various other modifications to existing facilities
Length: 16 miles
Location: Pennsylvania, West Virginia, Ohio and Kentucky
Completion: 2Q 2017
Comments: Project will have a capacity of 200 MDth/d of natural gas

Owner: Tennessee Gas Pipeline
Project: Southwest Louisiana Supply
Type: Project includes the installation of two 36-inch pipeline laterals and compressor stations
Length: 4 miles
Location: Madison and Richland parishes, LA

MICHEL'S – (5/17)

Owner: Northern Natural Gas
Project: Northern Lights 2017 Expansion
Type: Project includes the construction of 5.3 miles of 16-inch pipeline (Chisago Interconnect Loop), the construction of 1.3 miles of 6-inch pipeline (Belle Plaine Loop Extension) and the construction of 2.8 miles of 12-inch pipeline (St. Cloud Loop Extension)
Length: 10 miles
Location: Chisago, LeSueur, Scott and counties, MN
Comments: Project will transport an incremental peak day firm service load of 76 MDth/d through the addition of the pipeline and compression facilities on Northern's existing system

Owner: Spectra Energy
Project: Lebanon Extension
Type: Project includes the construction of 36-inch pipeline
Length: 2.1 miles
Location: Monroe County, OH

MINNESOTA LTD. – (5/17)

Owner: Columbia Pipeline Group
Project: Tri-County Bare Steel Project, Phase II
Type: Project includes the construction of 20-inch pipeline
Length: 8.3 miles
Location: Washington County, PA
Owner: Kinder Morgan Inc.

MOGAS PIPELINE LLC – (5/17)

Project: MoGas Pipeline
Type: Project includes looping the MoGas natural gas pipeline to add incremental firm capacity
Location: Missouri
Comments: Project is currently undergoing an open season

NATIONAL FUEL GAS SUPPLY CORP. – (5/17)

Project: Line T2KNY Install, Line TNY Replacement, and Line KNY Abandonment
Type: Project includes the installation of 1.2 miles of new 20-inch natural gas pipeline (Line T2KNY), replacement of 6.7 miles of 20-inch bare steel pipeline with 7 miles of 24-inch coated natural gas pipeline (Line TNY), abandonment of 14.9 miles of 20-inch bare steel natural gas pipeline (Line KNY), modifications at two existing meter and regulator stations (North Boston and East Eden), and modifications at the existing Zoar Compressor Station
Length: 14 miles
Location: Erie County, NY
Comments: Project will provide an additional 2.6 MDth/d of new firm capacity

NEW MEXICO GAS CO. – (8/17)

Project: Taos Mainline Re-route Project
Type: Project includes take up and relay of existing pipeline
Length: 6 miles
Diameter: 12 inches
Cost: \$14 million

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Location: Pilar, NM
Completion: 4Q 2017

Contractor: Crossfire LLC
Type: Project includes pipeline replacement

NICOR GAS CO. – (8/17)

Project: Dubuque Pipeline Replacement
Type: Pipeline includes pipeline installation, abandonment and station interconnections

Length: 8 miles
Diameter: 30 inches
Location: Kane County, IL
Completion: 3Q 2017

Contractor: Henkels & McCoy
Type: Pipeline installation, abandonment and station interconnections
Contact: Bryant "Tubby" Long
Superintendent

NISOURCE INC. – (REV 8/17)

Operator: Columbia Gas of Pennsylvania
Project: Columbia Gas of Pennsylvania Gas Pipeline Replacement Project
Type: Project includes pipeline replacement
Length: 5 miles
Diameter: 16 inches
Completion: 1Q 2018

Contractor: InfraSource LLC
Type: Project includes pipeline relocation
Length: .9 miles
Location: Washington County, PA
Contact: Matt Ranson
Superintendent

NORTHWEST NATURAL GAS CO. – (7/17)

Contractor: Snelson Co.
Sub: Primoris Services Corp.
Project: North Mist Expansion
Type: Project includes removing and replacing natural gas pipe, removing and replacing fourteen mainline valves, and automating seventeen mainline valves
Length: 15 miles
Comments: Primoris will also hydrotest 20.5 miles of 30-inch pipeline after the pipeline replacement is completed

OTIS EASTERN – (1/17)

Operator: Rice Energy
Project: Ohio Gathering Pipeline
Type: Project includes the construction of 16-inch pipeline
Length: 12 miles
Location: Monroe County, OH
Start: 2017

Owner: National Fuel
Contractor: T.G. Mercer/SpreadBoss/Mercer
Project: Seneca Gathering
Type: Project includes the construction of 8-inch and 12-inch pipeline
Length: 4 miles
Location: Smethport, PA
Start: 2016

PACIFIC GAS AND ELECTRIC CO. – (8/17)

Operator: Northwest Natural Gas Co.
Project: North Mist Expansion Project
Type: Project includes pipeline construction, a

new reservoir and a compressor station
Length: 13 miles
Diameter: 16 inches
Location: Portland, OR
Capacity: 2.5 Bcf/d
Cost: \$125 million
Completion: 4Q 2018

Contractor: Fluor
Type: Project includes front-end engineering and design
Cost: \$125 million

Contractor: Snelson Companies Inc.
Type: Project includes pipeline installation
Contact: David Wix
Superintendent

Project: PG&E's Pipeline Safety Enhancement Plan
Type: Project includes pipeline transmission line work as part of ongoing gas-system improvements
Location: California

Contractor: InterCon Construction Inc.
Type: Project includes pipeline hydrotesting, installation of two launchers and three mainline valves
Length: 27 miles
Diameter: 34 inches
Location: Kern County, CA
Contact: Mary LaRue
Superintendent

Contractor: Snelson Companies Inc.
Project: P&GE Gas Pipeline Replacement Program
Type: Project includes a station meter upgrade
Diameter: 12 inches
Location: San Joaquin County, CA
Supt: Matt Groeneveld

Contractor: Snelson Companies Inc.
Project: P&GE Gas Pipeline Replacement Program
Type: Project includes the replacement of a valve
Diameter: 12 inches
Location: Monterey County, CA
Supt: Jeff Gregory

Contractor: Snelson Companies Inc.
Project: P&GE Gas Pipeline Replacement Program
Type: Project includes the replacement of 77 feet of pipeline
Diameter: 12 inches
Location: Monterey County, CA
Supt: Jeff Gregory

Contractor: Snelson Companies Inc.
Project: P&GE Gas Pipeline Replacement Program
Type: Project includes the installation of 6,500 feet of pipeline
Diameter: 36 inches
Location: San Joaquin County, CA
Supt: Lou McMullen

Contractor: Snelson Companies Inc.
Project: P&GE Gas Pipeline Replacement Program
Type: Project includes the removal of a leaking valve, abandonment of 16 feet of pipe, capping an existing steel line and the testing of a 3-foot pipe spool
Diameter: 3 and 8 inches
Location: Modesto, CA

Supt: Norman Glenn
Contact: nglenn@snelsonco.com

Contractor: Snelson Companies Inc.
Type: Project includes hydrotesting on existing pipeline and the installation of two launchers and three mainline valves
Length: 27 miles
Diameter: 34 inches
Location: Kern County, CA
HQ: Mojave, CA
Supt: Marv LaRue

PASO NORTE PIPELINE GROUP – (REV 8/14)

Project: Paso Norte Pipeline
Type: Project includes the construction of 30-inch pipeline
Length: 340 miles
Location: Deming, NM - Mexico/Chihuahua
Comments: The pipeline will have a capacity of 366 MMcf/d of natural gas

PIPELINE SYSTEMS INC. – (4/17)

Project: Tenaska Westmoreland Pipeline
Owner: Tenaska Pennsylvania Partners
Type: Project includes mainline construction on 20-inch pipeline
Length: 9.5 miles
Location: Westmoreland County, NE
Comments: Project will run from an existing Texas Eastern pipeline and connect to a new electric power generator

PRICE GREGORY INC. – (4/17)

Owner: Tennessee Gas Pipeline Co. LLC
Project: Triad Expansion Project
Type: Project involves the expansion of 36-inch pipeline looping along existing line right-of-way
Length: 7 miles
Location: Susquehanna County, PA
Completion: 2017
Comments: Project will have an additional capacity of 180 MDth/d

Owner: UGI
Project: Sunbury Pipeline
Type: The 35-mile, 20-inch Sunbury Pipeline will run from Lycoming County to a plant near Shamokin Dam in Snyder County, PA
Length: 35 miles
Location: Lycoming County, PA - Snyder County, PA
Completion: 2017

Owner: Energy Transfer Partners LP/Regency Energy Partners LP
Project: Roadrunner Gas Transmission Pipeline
Type: Project includes the construction of 30-inch pipeline
Length: 200 miles
Location: Coynosa, TX – Mexico
Completion: 2019
Comments: First phase of the pipeline project for 170 MMcf/d of available capacity is expected to be completed by 1Q 2016. The second phase, which will increase the pipeline's available capacity to 570 MMcf/d, is expected to be completed by 1Q 2017. The third and final phase of the project is expected to be completed in 2019 and will increase available capacity on the pipeline to 640 MMcf/d

Owner: Columbia Pipeline Group
Projects: Gibraltar Pipeline/Bufalo Creek Project
Type: Projects include the construction of 16-inch and 36-inch pipeline
Length: 25 miles
Location: Claysville, PA - Houston, PA
Completion: 2017
Comments: Both projects will run adjacent to Columbia Gas Transmission's Line 1758

Owner: Williams Partners LP (3/16)
Project: Hillabee Expansion
Type: Project involves a multi-phase project to add a total of 1.13 MM Dth/d of capacity
Location: Florida
Start: 2016
Completion: 2017
Comments: Project is part of an expansion of the Transco interstate natural gas pipeline

RICE ENERGY – (8/17)

Contractor: InterCon Construction Inc.
Project: Prometheus Pipeline
Type: Project includes pipeline installation
Length: .5 miles
Diameter: 16 inches
Location: Monroe County, OH
Contact: Joe Schmelzer
 Superintendent

Contractor: Apex Pipeline Services
Project: Utica Gathering Line
Type: Project includes the construction of a gathering pipeline and an interconnect
Length: 12 miles

Diameter: 16 inches
Location: Cameron and Monroe counties, OH
Capacity: 350 Mcf/d
HQ: Cameron, OH
Supt: Dana Keaton

RLA UTILITIES – (6/17)

Owner: Duke Energy
Type: Project includes the construction of 12-inch pipeline
Length: 10.5 miles
Location: Walton, KY - Big Bone, KY

ROCKFORD CORP. – (5/17)

Owner: Williams
Type: Project includes the construction of 16-inch, 20-inch and 24-inch pipeline
Length: 21.7 miles
Location: Montrose, PA

SEMGROUP CORP. – (6/17)

Project: Canton Pipeline
Type: Project includes the construction of 24-inch pipeline
Length: 50 miles
Location: Woods County, OK - Blaine County, OK
Completion: 4Q 2017
Comments: Project will have an initial capacity of 200 MMcf/d and, with additional compression, could be expanded up to 400 MMcf/d

SENDERO MIDSTREAM PARTNERS LP – (2/17)

Type: Project includes the construction of a natural gas gathering and processing system consisting of both low and high pressure gas gathering pipelines, a highly-efficient 130 MMcf/day cryogenic processing plant and a natural gas liquids takeaway pipeline
Location: Eddy County, NM
Completion: 2017

SHELL PIPELINE – (12/16)

Project: Falcon Pipeline
Type: Project includes the construction of new pipeline
Length: 94 miles
Location: Pennsylvania, West Virginia and Ohio
Completion: 2018
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

SIERRITA GAS PIPELINE LLC – (12/16)

Project: Sierrita Gas Pipeline
Type: Project includes the construction of 36-inch pipeline
Length: 60 miles
Location: Tucson, AZ - Sasabe, AZ
Completion: 2017
Comments: Project will provide 200 MMcf/d of firm transportation capacity



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SNC-LAVALIN – (1/17)

Owner: Crestwood Equity Partners LP
Type: Project includes the engineering, procurement, construction and operations of multiple gas compression and dehydration facilities (over 100,000 horsepower of compression, inlet separation and filtration, gas dehydration, and station measurement and controls)
Location: Permian Basin

SOUTHEAST CONNECTIONS LLC – (2/17)

Owner: Atlanta Gas Light
Project: Cumming Lateral
Type: Project includes the construction of 16-inch pipeline
Length: 11 miles
Location: Cumming, GA
Start: late 2016

Owner: AGL Resources
Project: Suwanee to Friendship Pipeline
Type: Project includes the construction of a 12-inch high-pressure transmission line
Length: 12 miles
Location: North Gwinnett and South Hall counties, GA
Comments: Pipeline is part of the Georgia STRIDE program

SOUTHERN CALIFORNIA GAS CO. – (4/17)

Type: Project includes the construction of 8-inch pipeline from an existing pipeline to a new CR&R Environmental anaerobic digestion facility
Length: 1.4 miles
Location: Perris, CA
Completion: 2017
Comments: Renewable natural gas from the digestion facility will be designated specifically to power CR&R's fleet of approximately 900 waste hauling trucks

SOUTH JERSEY GAS – (4/17)

Project: South Jersey Gas Pipeline
Type: Project includes the construction of an underground 24-inch pipeline
Length: 22 miles
Location: Maurice River Township, NJ – Upper Township, NJ
Completion: 2019
Comments: Project has been approved by the Pinelands Commission and will serve more than 140,000 customers

SPECTRA ENERGY – (8/16)

Owner: Comisión Federal de Electricidad
Project: Nueces-to-Brownsville Pipeline
Type: Project includes constructing and operating a header system
Length: 168 miles
Location: Nueces County, TX – Brownsville, TX
Start: 2016
Completion: 2018
Comments: The pipeline will connect with the Sur de Texas – Tuxpan Pipeline, which will extend into Mexico

STRIKE CONSTRUCTION – (5/17)

Owner: Spectra Energy
Project: Valley Crossing
Type: Project includes the construction of 36-inch or 42-inch pipeline header system

Length: 168 miles
Location: Aqua Dulce Hub, Nueces County, TX
Capacity: 2.6 Bcf/d
Completion: 2Q 2018
Comments: Valley Crossing's transportation services will provide new market opportunities for Texas gas producers and help Mexico meet its growing electric generation needs as generators shift away from fuel oil and imported LNG

Owner: Spectra Energy
Project: Jackfish Lake Expansion
Type: Project includes the construction of two 36-inch loops to expand to the Fort St. John mainline. Two compressor station additions will also be built to move the increased volume of gas
Length: 22 miles
Location: Taylor - Chetwynd
Comments: The project will add 137.5 MMcf/d of transportation capacity to Spectra Energy's BC Pipeline

SUNLAND CONSTRUCTION – (1/17)

Operator: Gulf South Pipeline LP
Project: Coastal Bend Header
Type: Project includes the construction of 36-inch pipeline, three compressor stations and seven meter stations
Length: 66 miles
Location: Wharton and Brazoria counties, TX
Start: 2017

Owner: Boardwalk Pipeline Partners
Project: Sasol & Evangeline
Type: Project involves the construction of 12-inch and 16-inch pipeline
Length: 25 miles
Location: Sulphur, LA
Start: 2016

SUNOCO LOGISTICS – (7/17)

Contractor: Precision Pipeline LLC
Project: Mariner East II
Type: Project includes the installation of pipeline
Length: 51 miles
Diameter: 20 inches
Location: Cumberland and Dauphin counties, PA
Capacity: 345 Mbpd
Supt: Ronnie Michalkovich
Completion: 3Q 2017

Contractor: Precision Pipeline LLC
Sub: Atlas Trenchless LLC
Project: Mariner East II
Type: Project includes the installation of 5,259 feet of pipeline via HDD
Diameter: 16 and 20 inches
Location: Cumberland and Dauphin counties, PA
Supt: Jim Lagios

Contractor: Precision Pipeline LLC
Sub: Northern Clearing Inc.
Project: Mariner East II
Type: Project includes the clearing of pipeline right-of-way
Diameter: 16 and 20 inches
Location: Perry, York and Dauphin counties, PA
Supt: Duanne Kmiecik

Contractor: Precision Pipeline LLC
Sub: Penn Line Services Inc.

Project: Mariner East II
Type: Project includes hydro-seeding on pipeline right-of-way
Length: 2.5 miles
Diameter: 8 inches
Location: Tioga County, PA
Supt: Jim Pratt

Contractor: Welded Construction LP
Sub: ProFoam LLC
Project: Mariner East II
Type: Project includes providing foam breakers on pipeline
Length: 25 miles
Diameter: 20 inches
Location: Westmoreland and Allegheny counties, PA
HQ: Smithtown, PA
Supt: Phillip Cox

Contractor: Stupp
Sub: T. G. Mercer Consulting Services Inc.
Project: Mariner East II
Type: Project includes the offloading and racking of pipe
Length: 49 miles
Diameter: 16 inches
Location: York County, PA
Supt: Michael Magee

Contractor: Michels Corp.
Sub: Atlas Trenchless LLC
Project: Mariner East II
Type: Project includes the installation of 12,000 feet of pipeline via HDD
Diameter: 16 and 20 inches
Location: Blair County, PA
Supt: Jim Lagios

Contractor: Welded Construction
Project: Mariner East II
Type: Project includes the dual lay of pipeline
Length: 34 miles
Diameter: 16 and 20 inches
Location: Morgantown, PA
Foremen: Boyd Catching Jr., Steward Guffey and Daniel Heath

Contractor: Welded Construction
Project: Mariner East II
Type: Project includes the new lay of pipeline
Length: 27 miles
Diameter: 12 and 20 inches
Location: Washington, PA
Foremen: Anthony Loggins and Timothy Steward

Contractor: Welded Construction
Project: Mariner East II
Type: Project includes the new lay of pipeline
Length: 25 miles
Diameter: 20 inches
Location: Smithton, PA
Foremen: Gary Weems and Edward Steward

TENNESSEE GAS PIPELINE CO. LLC – (7/17)

Contractor: Precision Pipeline LLC
Sub: Northern Clearing Inc.
Project: Susquehanna West Project
Type: Project includes clearing of pipeline right-of-way
Length: 14 miles
Diameter: 6, 8, 12 and 16 inches
Location: Bradford and Tioga counties, PA

Contractor: Price Gregory International Inc.
Project: Susquehanna West Project
Type: Project includes the construction of 36-inch pipeline looping and piping modifications
Length: 8.2 miles
Location: Tioga County, PA
Comments: Project will provide 145 MDth of additional capacity for one customer

Project: Abandonment & Capacity Restoration Project
Type: Project includes the construction of 36-inch pipeline
Length: 7.6 miles
Location: Carter and Lewis Counties, KY

Project: Expansion Project
Type: Project includes the construction of four new compressor stations and the modification of two existing compressor stations by replacing existing capacity with new, higher-rated horsepower compression units
Length: 2.6 miles
Location: Kanawha County, VA; Davidson County, TN; Madison County, KY
Comments: Project will have a capacity of 200 MMcf/d and will expand transportation capacity of natural gas on the existing Tennessee Gas Pipeline system

TEXAS EASTERN TRANSMISSION LP – (5/17)
Project: Marshall County Mine Panel 17W Project
Type: Project includes the excavation and elevation of sections of Texas Eastern's lines 10 (30-inch diameter), 15 (30-inch diameter), 25 (36-inch diameter) and 30 (36-inch diameter) to minimize and monitor potential strains on the pipelines due to anticipated longwall mining activities of Marshall Coal
Location: Marshall County, WV
Comments: Once the mining-induced subsidence and the 2017-2018 heating season have both finished, the two sections of Lines 10 and 15 located within wetlands will be removed and the four elevated pipeline sections will be re-installed below ground, hydrostatically tested, and placed back into service

Project: TEAL
Type: Project includes the construction of two 36-inch and 30-inch pipelines, new compressor stations and upgrades to existing compressor stations
Length: 5 miles
Location: Alabama and Ohio
Start: 2017
Comments: One pipeline will tie into NEXUS

Project: Bayway Lateral
Type: Project includes the construction of 24-inch pipeline, meter and regulating stations

Length: .5 miles
Location: Linden, NJ
Start: 2017

Project: Northern Supply Access
Type: Project includes the modification of existing facilities and construction of a new 23,877 horsepower compressor station
Location: Indiana, Ohio, Kentucky, Tennessee, and Mississippi
Completion: 2017
Comments: Project will provide efficient north-to-south natural gas transportation on Texas Gas' existing system, while maintaining the current south-to-north flow

TRANSCANADA CORP. – (8/17)
Operator: ANR Pipeline Co.
Project: Wisconsin South Expansion Project
Type: Project includes installation of a new compressor unit, lateral replacements and capacity enhancements at existing meter stations
Location: Kendall and Kane counties, IL; Rock County, WI
Capacity: 230 MDth/d
Cost: \$57.7 million
Docket: CP17-9

Operator: ANR Pipeline
Contractor: Minnesota Ltd. LLC
Type: Project includes the replacement of pipeline



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Diameter: 22 and 30 inches
Location: Lake County, IN
Supt: Kerry Schott
 Superintendent

Contractor: Henkels & McCoy Inc.
Type: Project includes take-up and installation of pipeline
Length: .8 miles
Diameter: 24 inches
Contact: Andrew Lurkin
 Superintendent

TRANSWESTERN PIPELINE CO. LLC – (7/16)

Project: Malaga Lateral
Type: Project includes construction of pipeline, one meter station and other ancillary facilities
Length: 15 miles
Location: Eddy and Lea counties, NM
Completion: 2017

TRISTREAM ENERGY LLC – (6/16)

Project: Candlight Junction
Type: Project includes the construction of a new pipeline injection facility
Location: East Texas
Start: 2016
Completion: 2017

TROY CONSTRUCTION – (REV 6/17)

Owner: Williams Partners
Project: Virginia Southside Expansion Project II
Type: Project includes the construction of new 24-inch pipeline, one delivery metering and regulator station, an additional unit at a compressor facility station and an additional electric motor for an existing Transco compressor station
Length: 4 miles
Location: Brunswick County, VA - Greensville County, VA
Completion: 4Q 2017

Comments: FERC has approved Williams' request to use an additional 1.26 acres of temporary workspaces at six existing Transco meter and regulator stations. Once completed, project will provide 250 MDth/d of firm transportation capacity to a delivery point on a new lateral

VELOCITY CENTRAL OKLAHOMA PIPELINE LLC – (4/17)

Type: Project includes the construction of an 8-inch pipeline and four terminal expansions
Length: 41 miles
Location: Cushing, OK (SCOOP play)
Completion: mid-2017

Comments: Project will allow producers to transport up to 100 Mbpd of truck injected or pipeline gathered barrels

VESTA MIDSTREAM PARTNERS LLC – (4/17)

Project: Oil City Gathering and Processing System
Type: Project includes the construction of low and high-pressure gas gathering and processing system for newly developed SCOOP wells
Location: Carter County, OK

WASHINGTON GAS LIGHT – (7/17)

Contractor: InfraSource LLC
Project: WGL Loop Replacement
Type: Project includes the replacement of a pipeline loop and 10,500 feet of pipeline
Length: 20 miles
Diameter: 20 inches
Location: Clarke County, VA
HQ: Front Royal, VA
Supt: Jason Nash
Comments: Project is part of a 40-year plan to replace gas main and service lines called PROJECTpipes, which was approved by the Public Service Commission of the District of Columbia in Order No. 17602

WBI ENERGY INC. – (REV 5/17)

Project: Demicks Lake Pipeline
Type: Project involves the construction of a 24-inch lateral
Length: 22 miles
Location: North Dakota
Completion: 2017
Comments: Project will have an additional capacity of 222 MMcf/d

WESTERN GAS PARTNERS LP – (10/16)

Type: Project includes the construction of 36-inch and 42-inch pipeline
Length: 80 miles
Location: Reeves, Loving and Ward counties, TX
Start: 2016
Comments: Additional receipt connections may potentially be added at the tailgates of the MiVida Gas Processing Plant and Bone Spring Gas Processing Plant

WHC ENERGY SERVICES – (2/17)

Owner: ONEOK/Fermaca
Type: Project includes the construction of 30-inch pipeline
Length: 200 miles
Location: Coyanosa, TX – Tarahumara, Mexico
Comments: Pipeline will connect to the Tarahumara Pipeline

WHITEWATER MIDSTREAM – (4/17)

Project: Agua Blanca Pipeline
Type: Project includes construction of pipeline
Length: 77 miles
Diameter: 36 inches
Location: Orla, TX - Waha Hub
Capacity: 1.25 Bcf/d
Completion: 4Q 2018

WILLIAMS TRANSCONTINENTAL – (7/17)

Contractor: Henkels & McCoy Inc.
Type: Project includes the replacement of two pipeline valves
Length: 17 miles
Diameter: 30 inches
Location: Chester and Montgomery counties, PA
HQ: Coatesville, PA
Supt: Gary Seidel
Project: Atlantic Sunrise
Contractor: Latex Construction – Spread 4 / Welded – Spread 7
Type: Project consists of compression and looping of the Transco Leidy Line in Pennsylvania along with a greenfield pipeline segment, referred to as the Central Penn Line, connecting the

northeastern Marcellus producing region to the Transco mainline near Station 195. Additional Transco facilities are also being added or modified to allow gas to flow bi-directionally

Length: 207 miles (183 miles of greenfield pipeline and two pipeline loops - the Chapman Loop and Unity Loop - totaling 12 miles)
Location: Pennsylvania, Maryland, Virginia, North Carolina and South Carolina
Comments: Project has been approved by the Federal Energy Regulatory Commission (FERC) and will add 1.7 MMDth/d of pipeline capacity to the existing Transco system

Project: Atlantic Sunrise
Segment: Central Penn Line
Type: Project includes construction of pipeline
Length: 177 miles
Diameter: 42 inches
Location: Susquehanna County, PA - Lancaster County, PA
Capacity: 1.7 MMDth/d
Cost: \$410 million
Docket: CP15-138

Project: Leidy Southeast Expansion
Type: Project consists of construction of new pipe within or parallel to existing pipeline and utility rights-of-way, horsepower additions at existing compressor stations and existing facility modifications along its mainline
Length: 30 miles
Location: Pennsylvania and New Jersey
Comments: Project will expand the Leidy Line's currently subscribed firm transportation capacity of 1.7 MMDth by about 30 percent

Owner: Williams Partners LP
Project: Garden State Expansion
Type: Project involves an expansion to deliver 180 MDth/d of additional natural gas capacity
Location: Burlington County, NJ
Start: 2016
Completion: 2017
Comments: Project is part of an expansion of the Transco interstate natural gas pipeline

WPX ENERGY – (8/17)

Operator: Howard Energy Partners
Project: Stateline oil gathering and gas processing projects
Type: Project includes construction of a gathering system and associated pipelines
Length: 50 miles
Diameter: 36 inches
Location: Lea and Eddy counties, NM; Reeves and Loving Counties, TX
Capacity: 400 MMcf/d
Cost: \$863 million
Completion: 2Q 2018
Comments: JV plans to add a second train to double capacity of the complex by 2Q 2019

Canada

PEMBINA PIPELINE CORP. – (4/17)

Owner: Chevron Canada Ltd.
Type: Project includes the construction and operation of gas gathering pipelines and processing facilities, liquids stabilization facilities and supporting infrastructure
Location: Fox Creek, Alberta

Project: NEBC Expansion
Type: Project includes the construction of 12-inch pipeline with a base capacity of up to 75 Mbpd that will parallel the company's Blueberry Pipeline
Length: 99 miles
Location: Blair Creek, B.C.
Comments: Project will transport condensate and natural gas liquids for various producers in the liquids-rich Montney resource play

Project: Canadian Diluent Hub
Type: Project includes the construction of 600 Mbbls of above ground storage, multiple inbound and outbound pipe-line connections, plus associated pumping and metering facilities
Location: Fort Saskatchewan
Completion: 2017
Comments: Project is designed to augment Pembina's existing diluent handling facilities in the Fort Saskatchewan area which includes 20 Mbpd of rail import capacity, 500 Mbbls of underground diluent storage

and approximately 180 Mbpd of existing delivery capacity to third-party diluent delivery pipelines

Project: Duvernay I
Type: Project includes the construction and operation of a new 100 MMcf/d shallow cut gas plant and supporting infrastructure, including condensate, gas and water field handling, a gas gathering trunk line and a fuel line
Length: 12 miles
Location: Tony Creek, AB - Fox Creek, AB
Start: 2017
Comments: Project is expected to have NGL extraction capacity of 5,500 bpd

TRANSCANADA PIPELINES – (REV 8/17)

Operator: NOVA Gas Transmission Ltd.
Project: 2017 NGTL System Expansion Project
Type: Project includes construction of five pipeline sections and two compression facilities
Length: 143
Diameter: 24, 30 and 36 inches
Location: Alberta
Capacity: 443 MMcf/d
Cost: \$1.3 billion
Filing: 443 MMcf/d
Completion: 2Q 2018

Section: Grande Prairie Mainline Loop 2 – McLeod River Section
Type: Project includes construction of pipeline looping

Length: 22 miles
Diameter: 48 inches
Location: Edson, AB

Section: Liege Lateral Loop 2 – Pelican Lake Section
Type: Project includes construction of pipeline looping
Length: 35 miles
Diameter: 30 inches
Location: Wabasca, AB

Section: Kettle River Lateral Loop – Christina River Section
Type: Project includes construction of pipeline looping
Length: 12 miles
Diameter: 24 inches
Location: Fort McMurray, AB

Section: Loop – Boundary Lake Section
Type: Project includes construction of pipeline looping
Length: 56 miles
Diameter: 36 inches
Location: Clear Hills County, AB

Section: Northwest Mainline Loop No. 2 – Bear Canyon Section
Type: Project includes construction of pipeline looping
Length: 18 miles
Diameter: 36 inches
Location: Saddle Hills County, AB



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Section: Alces River Compressor Station Unit Addition
Type: Project includes the addition of a compressor unit
Location: Grande Prairie, AB

Section: Otter Lake Compressor Station Unit Addition
Type: Project includes the addition of a compressor unit
Location: Manning, AB

Operator: NOVA Gas Transmission Ltd.
Project: Towerbirch Expansion Project
Type: Project includes construction of two pipelines, two meter stations, valve sites and launcher/receiver facilities
Length: 75 miles
Diameter: 30 and 36 inches
Cost: \$439 million
Filing: A79841
Completion: 4Q 2017

Project: Vaughan Mainline Expansion Project
Type: Project includes construction of pipeline
Length: 7.2 miles
Diameter: 42 inches
Location: Vaughan, Ontario
Filing: A78823

WILLBROS GROUP INC. – (5/17)
Type: Project includes the construction of new 48-inch pipeline
Length: 5 miles
Completion: 3Q 2017
Comments: The contract was awarded to Willbros' Canada segment

Type: Project includes the construction of new transmission line
Length: 110 miles
Completion: 3Q 2017
Comments: The contract was awarded to Willbros' Utility Transmission and Distribution segment

Caribbean/South & Central America

CFPS ENGENHARIA E PROJETOS S.A. – (4/15)
Project: KA North Condensate Pipeline
Type: Project includes the construction of a 6-inch pipeline and a second 10-inch raw gas pipeline (KA North II) to accept additional gas production
Length: 5 miles
Location: Maranhão, Brazil
Completion: 2017
Comments: Project will have approximately 17 Mbpd of capacity

ENARSA/VERTÚA/HELPORT/CPC/TECHINCT/ CONTRERAS HERMANOS/PANEDILE/ ROVELLA CARRANZA/CHEDIACK/UCSA/ CONTA WALTER MARIO/BTU/ESUCO/ VICTOR CONTRERAS/JCR – (2/16)

Owner: Argentine Government
Project: Noreste Argentino Pipeline
Type: Project includes the construction of trunk lines and branch lines
Length: 2,574 miles
Location: Buenos Aires - Uruguay
Start: 2016

TIPIEL S.A. – (6/15)
Owner: Consorcio Constructor Ductos del Sur
Type: Project includes the front-end engineering design and detailed engineering design of a new 32-inch pipeline
Length: 1,056 miles
Location: Camisea field - Southern Peru
Comments: Project will improve the existing Peruvian Energy Network, contributing to the development of an Energy Node and Petrochemical Hub in Southern Peru

Mexico

FERMACA – (6/16)
Owner: Comisión Federal de Electricidad
Type: Project involves building and operating a natural gas pipeline
Length: 290 miles
Location: Durango - Zacatecas - Aguascalientes
Start: 2016
Completion: 2018

INFRAESTRUCTURA ENERGÉTICA NOVA SAB DE C.V. – (9/15)
Owner: Comisión Federal de Electricidad
Type: Project includes the construction and operation of a 42-inch natural gas pipeline
Length: 127 miles
Location: Ojinaga - El Encino, Chihuahua
Completion: 3Q 2017
Comments: Project will have a design capacity capable of transporting approximately 1.4 Bcf/d of natural gas

JACOBS ENGINEERING GROUP INC. – (6/16)
Owner: TransCanada Corp.
Project: Tuxpan-Tula Pipeline
Type: Project involves engineering, procurement and field engineering support for the installation of a compressor station, a meter station and associated pipeline appurtenances
Length: 155 miles
Location: Tuxpan, Veracruz - Tula
Start: 2016
Completion: 2018
Comments: TransCanada Corp. was awarded a contract to build and operate the pipeline in November 2015

TRANSCANADA CORP. – (6/16)
Owner: Comisión Federal de Electricidad
Project: Tula - Villa de Reyes Pipeline
Type: Project involves building and operating the 261-mile, 36-inch pipeline
Length: 261 miles
Location: Tula, Hidalgo - Villa de Reyes, San Luis Potosí
Start: 2016
Completion: 2018
Comments: The project will interconnect with TransCanada's Tamazunchale and Tuxpan - Tula pipelines as well as with other transporters in the region

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PARTNERS LP – (6/17)
Project: Shin Oak NGL Pipeline
Type: Project includes the construction of 24-inch pipeline
Length: 571 miles
Location: Gaines County, TX - Mont Belvieu, TX
Completion: 2Q 2019
Comments: Project will have an initial design capacity of 250 Mbpd, expandable to 600 Mbpd

PIPELINE LTD. – (11/16)

Owner: Pembina
Project: Northeast B.C. Expansion / Plateau Pipeline
Type: Project includes the expansion of existing pipeline and construction of new pipeline
Length: 100 miles
Location: Wonowon to Taylor
Comments: Expansion will add 75 Mbpd of condensate NGLs to the company's system, while the Eagle Gas pipeline is another step towards constructing B.C.'s first liquefied natural gas export terminal

PUMPCO INC./STRIKE CONSTRUCTION – (8/15)

Owner: Energy Transfer Partners LP/Regency Energy Partners LP
Project: Lone Star NGL Pipeline
Type: Project includes the construction of 24-inch and 30-inch pipeline
Length: 533 miles
Location: Bosque County, TX - Mont Belvieu, TX
Completion: 2017
Comments: The new pipeline is being built to accommodate Lone Star's contracted NGL transportation volumes that will exceed Lone Star's existing 290 Mbpd of capacity from the Permian Basin

VERESEN INC. – (3/17)

Project: South Central Liquids Hub Project
Type: Project includes the construction of a new gathering system
Location: British Columbia
Completion: 2017
Comments: Project will have the option for expansion in the future

Project: Tower Liquids Hub Project
Type: Project includes the construction of infrastructure to deliver the NGLs into a third-party system
Location: British Columbia
Completion: 2017

Comments: Part of the project will include capacity to handle third party NGLs that could be either trucked in or connected directly by a future pipeline

WHC ENERGY SERVICES – (2/17)

Owner: EnLink Midstream
Project: Ascension Pipeline
Type: Project includes the construction of 12-inch pipeline
Length: 35 miles
Location: Geismar, LA - Garyville, LA
Start: 2016

Comments: Project will increase Cajun-Sibon Pipeline capacity by an additional 50 Mbpd of raw-make NGL

LNG – The Americas

U.S.

FREEPORT LNG DEVELOPMENT LP – (5/17)

Operator: Freeport LNG Development LLC
Project: Freeport LNG Quintana Regas Terminal Expansion
Type: Project includes construction of three liquefaction trains
Location: Quintana Island, TX
Capacity: 13.4 MMtpa
Cost: \$12.5 billion
Docket: CP12-29
Completion: 2019
Comments: Companies that have agreed to purchase gas from Freeport LNG include Osaka Gas Co., a Japanese gas supplier; Chubu Electric Power Co., a Japanese electricity provider; and BP Energy Company, which provides gas and power to U.S. utilities and industries

Segment: Freeport LNG Pipeline Facilities
Type: Project includes pipeline construction and facility modifications
Length: 11 miles
Diameter: 42 inches
Comments: Pipeline will connect the terminal with the Stratton Ridge Meter Station

Contractor: Burns & McDonnell
Type: Project includes design of the terminal

Contractor: Zachry Group
Type: Project includes construction of the terminal

GREATER LAFOURCHE PORT COMMISSION – (4/17)

Project: Galliano LNG Plant
Type: Project includes the construction of a LNG plant and export terminal
Location: Port Fourchon, LA
Comments: Project will produce up to 2 million tons of LNG per year for export

IHI E&C – (7/16)

Owner: Kinder Morgan
Project: Elba Liquefaction Project
Type: Project includes modifications to the existing Elba facilities and will include compression for vapor handling and new pumps for loading the LNG on vessels for export
Location: Savannah, GA
Completion: 2018

LAKE CHARLES LNG – (2/16)

Project: Lake Charles LNG
Type: Project includes the construction and operation of a natural gas liquefaction and export facility
Location: Lake Charles, LA
Completion: 2020
Comments: Lake Charles LNG Project is expected to be one of the largest LNG export initiatives in the U.S.

LIQUEFIED NATURAL GAS LTD. – (REV 8/17)

Operator: Magnolia LNG LLC
Project: Magnolia LNG Export Terminal
Type: Project includes the development of four LNG production trains, two LNG tanks, and LNG ship and truck loading facilities
Location: Lake Charles, LA
Capacity: 8 Mtpa
Docket: CP14-347
Completion: 2Q 2018
Comments: Project entered into a Precedent Agreement for 20-year binding pipeline capacity with Kinder Morgan Louisiana Pipeline LLC to deliver gas to the site for the full capacity of the terminal

Contractor: KSJV
Project: Magnolia LNG Export Terminal
Type: Project includes the engineering, procurement, construction, commissioning, start-up and performance testing of the terminal
Cost: \$4.3 billion

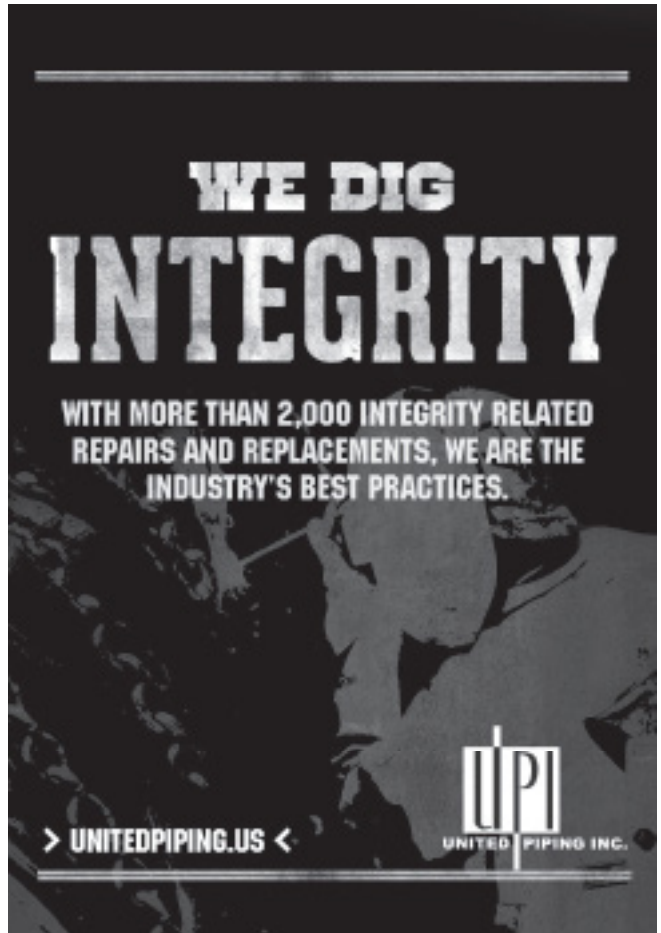
PUGET SOUND ENERGY INC. – (REV 8/17)

Project: Puget Sound Energy LNG Facility
Type: Project includes construction of an LNG storage tank, infrastructure for loading marine vessels, mooring dolphins and distribution pipelines
Location: Port of Tacoma, WA
Capacity: 30 Mcm
Cost: \$310 million
Contact: Shirley Schultz
 Project Manager
 (253) 591-5121
 LNGFacilityInfo@cityoftacoma.org
Completion: 4Q 2019

Contractor: CB&I
Project: Puget Sound Energy LNG Facility
Type: Project includes the engineering, procurement, fabrication and construction of a storage tank, liquefier and vaporizer
Cost: \$200 million

TRANSCANADA CORP. – (5/17)

Owner: Cameron LNG
Project: Cameron Access Project
Type: Project includes the installation of pipeline
Length: 34 miles
Diameter: 34 and 36 inches
Location: Lake Arthur, LA
Start: 2016
Completion: 2018



Canada

PIERIDAE ENERGY CANADA – (12/14)

Type: Project includes a liquefaction plant, storage facilities and marine jetty for loading LNG
Location: Goldboro, Nova Scotia
Completion: 2018
Comments: The company expects the facility to produce five million metric tons of LNG per year with an onsite storage capacity of 420 Mcm of LNG

OIL - The Americas

U.S.

AMERICAN MIDSTREAM PARTNERS LP – (4/17)

Owner: Dakota Access Pipeline
Project: DAPL interconnect
Type: Project includes the construction of a pipeline interconnect
Location: Watford City, ND
Comments: The new DAPL interconnect project will tie into American Midstream's Bakken crude oil gathering system, which consists of interstate pipelines with capacity to transport up to roughly 40 Mbpd of crude oil

BAKKENLINK PIPELINE – (11/16)

Project: Dry Creek to Beaver Lodge Pipeline
Type: Project includes the construction of 16-inch pipeline
Length: 37 miles
Location: Dry Creek, ND – Tioga, ND
Start: 2016
Comments: Pipeline would be designed with an initial capacity of 100 Mbpd and will tie into the Garden Creek Pipeline

BLUEKNIGHT ENERGY PARTNERS LP – (12/15)

Project: Oklahoma Condensate Pipeline
Type: Project includes the conversion of a portion of its existing Oklahoma Mainline System to meet growing demand for dedicated condensate service
Location: Maysville, OK – Cushing, OK
Completion: 2016
Comments: Blueknight's Cushing Oil Terminal provides shippers and producers direct access to several key connecting terminals, refiners, as well as the important Gulf Coast market

COUNTRYMARK PIPELINE – (7/17)

Contractor: Foltz Welding Ltd.
Type: Project includes the installation of pipeline
Length: 17 miles
Diameter: 6 inches
Location: Marion County, IL
Supt: Joe Pennington

ENBRIDGE – (7/17)

Contractor: Minnesota Ltd. LLC
Project: Line 78 Project
Type: Project includes the removal of pipeline
Diameter: 24 inches
Location: Will County, IL
Supt: Kerry Schott

ENERGY TRANSFER PARTNERS – (7/17)

Operator: Rover Pipeline LLC
Project: Rover Pipeline
Type: Project includes construction of two dual mainlines, four mainline compressor stations, eight supply laterals, eight supply lateral compressor stations and other ancillary facilities
Length: 713 miles
Diameter: 24, 30, 36 and 42 inches
Location: Ashland, OH - Howell, MI
Capacity: 3.25 Bcf/d
Cost: \$4.2 billion
Docket: CP15-93
Status: Construction has started on Phase II of the project
Start: 1Q 2017
Completion: 4Q 2017

Contractor: AECOM
Type: Front-end engineering and design

Contractor: Ariel Corp.
Type: Compressor supply
Cost: \$42 million

Contractor: Berg Steel Pipe Corp.
Type: Pipe supply
Length: 620 miles
Diameter: 36 and 42 inches

Contractor: Sheehan Pipeline Construction Inc.
Spread: 1, 2
Segment: Mainline A and B
Type: Pipeline construction
Length: 78 miles
Diameter: 42 inches
Location: Carroll, Tuscarawas, Stark, Wayne, Ashland, Richland, Crawford, Seneca, Hancock, Wood, Henry, and Defiance, OH

Contractor: U.S. Pipeline
Spread: 3
Segment: Mainlines A and B
Type: Pipeline construction
Length: 70 miles
Diameter: 42 inches
HQ: St. Clairsville and Dennison, OH
Supt: Jason West, Greg Norman and Dane Hilsabeck

Contractor: Michels
Spread: 4
Segment: Mainlines A and B
Type: Pipeline construction
Length: 101 miles
Diameter: 42 inches
Supt: Rick Zavitz

Contractor: Precision Pipeline LLC
Spread: 5, 6
Segment: Mainlines A and B
Type: Pipeline construction
Length: 208 miles
Diameter: 42 inches
Supt: Bobby Poteete, Tommy Haynes and JW Morgan

Contractor: Precision Pipeline LLC
Spread: 7, 8
Segment: Market Segment Pipeline
Type: Pipeline construction
Length: 99 miles

Diameter: 42 inches
Location: Defiance, Henry, and Fulton, OH; Lenawee, Washtenaw, and Livingston, MI
Supt: James Junker Jr., Cory Strandlien and Toby Prawl

Contractor: Precision Pipeline LLC
Segment: Berne Lateral
Type: Supply lateral construction
Length: 3.7 miles
Diameter: 24 inches
Location: Noble and Monroe, OH
Supt: Adam Minigh

Contractor: Precision Pipeline LLC
Segment: Majorsville Lateral
Type: Supply lateral construction
Length: 24 miles
Diameter: 24 inches
Location: Marshall, WV and Belmont, OH
Supt: Dennis Bergman

Contractor: Precision Pipeline LLC
Segment: Sherwood Lateral
Type: Supply lateral construction
Length: 54 miles
Diameter: 36 inches
Location: Doddridge, Tyler, and Wetzell, WV; Monroe, OH
Supt: Jim Nierenda

Contractor: Precision Pipeline LLC
Segment: CGT Lateral
Type: Supply lateral construction
Length: 5.7 miles
Diameter: 24 inches
Location: Doddridge, WV

Contractor: Michels
Segment: Burgettstown Lateral
Type: Supply lateral construction
Length: 52 miles
Diameter: 36 inches
Location: Washington, PA; Hancock, WV; Jefferson and Carroll, OH
Supt: Rick Zavitz

Contractor: Latex Construction
Segment: Seneca Lateral
Type: Supply lateral construction
Length: 26 miles
Diameter: 42 inches
Location: Noble and Monroe, OH
Supt: Adam Minigh

Contractor: U.S. Pipeline
Segment: Cadiz Lateral
Type: Supply lateral construction
Length: 3 miles
Diameter: 30 inches
Location: Harrison, OH
Supt: Jason West

Contractor: U.S. Pipeline
Segment: Clarington Lateral
Type: Supply lateral construction
Length: 32.6 miles
Diameter: 42 inches
Location: Monroe, Belmont and Harrison, OH
Supt: Wayne Fontenot

Project: Trunkline Backhaul Project
Type: Project includes upgrades and

modifications at existing compressor stations to allow for bi-directional flow of natural gas on their existing pipeline systems

Location: Wayne County, IL; Massac County, IL; Dyer County, TN; Tate County, MI

Capacity: 750 MMcf/d

Cost: \$50.8 million

Docket: CP15-96

Comments: Project will interconnect with the Rover Pipeline

Project: Panhandle Backhaul Project

Type: Project includes upgrades and modifications to allow for bi-directional flow of natural gas on their existing pipeline systems

Location: Allen, Hamilton, Vermillion and Parke counties, IN; Douglas County, IL; Lenawee County, MI

Capacity: 750 MMcf/d

Cost: \$50.8 million

Docket: CP15-94

Comments: Project will interconnect with the Rover Pipeline

Contractor: BiglInch Fabricators and Construction Inc.

Type: Project includes the installation of pipeline

Length: 24 miles

Diameter: 2 and 24 inches

Location: Hamilton County, IN

HQ: Montezuma, IN

Supt: Jim Shepler

Contractor: BiglInch Fabricators and Construction Inc.

Type: Project includes the installation and station fabrication of various pipeline

Diameter: 2 to 36 inches

Location: Parke County, IN

HQ: Montezuma, IN

Supt: Frank Ayers

Contractor: Northern Indiana Public Service Co.

Type: Project includes the replacement of 1,800 feet of pipeline via HDD and in-line facility modifications

Diameter: 24 inches

Location: Cass, Miami and Wabash counties, IN

Supt: Tim Dunn

ENERGY TRANSFER PARTNERS/PHILLIPS 66/SUNOCO LOGISTICS – (7/17)

Contractor: Troy Construction (spreads one and two)/Sunland Construction (spreads three and four)

Project: Bayou Bridge Expansion

Type: Project will be built in two phases and includes the construction of new pipeline

Length: 155 miles

Diameter: 12 and 16 inches

Location: Lake Charles, LA - St. James, LA

Completion: 4Q 2017

EVX MIDSTREAM PARTNERS LLC – (11/16)

Type: Project includes the construction of a crude oil gathering system

Location: Frio, La Salle and McMullen counties, TX

EXTRACTION OIL & GAS – (7/17)

Project: Triple Creek Pipeline

Type: Project includes the construction of a pipeline to move oil from the 22-well Triple Creek site

Location: Greeley, CO

Completion: 1Q 2018

Comments: All oil produced from the 22-well site will be moved out through the pipeline, eliminating the expected truck traffic that would have co-mingled with neighborhood traffic

M2 INFRASTRUCTURE LLC – (5/17)

Operator: TransCanada Corp.

Type: Project includes the construction of 6.2 million barrels of new crude oil storage at TransCanada's existing terminal

Location: Cushing, OK

MEDALLION MIDSTREAM LLC – (1/17)

Type: Project includes the construction of a new 16-inch Delaware Basin crude oil pipeline system, including crude oil storage and truck unloading facilities

Length: 45 miles

Location: Pecos and Reeves counties, TX

Completion: 2017

Comments: Pipeline will have an initial capacity of 100 Mbpd

MICHEL'S CORP./LOENBRO/PRECISION PIPELINE – (REV 5/16)

Owner: NorthStar Midstream

Project: NST Express Pipeline

Type: Project includes the construction of 12-inch and 30-inch pipeline, including a storage facility

Length: 1,134 miles

Location: Bakken/Three Forks area - Patoka, IL

Completion: 2018

Comments: Michels will have spreads 1-3 and Precision will have spreads 4-6. The pipeline will transport 450 Mbpd with a capacity as high as 570 Mbpd or more – which could represent approximately half of Bakken current daily crude oil production

NAVIGATOR ENERGY SERVICES – (3/17)

Project: Big Spring Gateway Pipeline Expansion

Type: Project includes the construction of a new 50-mile mainline and 25 miles of pipeline laterals to connect to new Midland destinations: Centurion Pipeline and Permian Express Terminal (formerly SunVit)

Length: 75 miles

Location: Midland, TX

Capacity: 140 Mbpd

Completion: 2017

Comments: Upon completion of the expansion, the system will include more than 650 miles of installed pipeline and a total system deliverability of 600 Mbpd of crude oil

NC CONTRACTORS – (5/17)

Owner: Enterprise Products Pipeline LP

Project: ECHO Phase II

Type: Project includes the extension the 30-inch ECHO Pipeline

Length: 80 miles

Location: Wilson County, TX – Gardendale, TX

Completion: 2017

Comments: Project will increase capacity to 350 Mbpd

NOBLE MIDSTREAM – (5/17)

Type: Project includes the construction of a 24-inch pipeline to deliver crude to the Advantage Pipeline

Length: 15 miles

Location: Reeves County, TX

Completion: 2017

OASIS MIDSTREAM SERVICES LLC – (REV 4/17)

Project: Johnson's Corner Pipeline Project

Type: Project includes the construction of 10-inch pipeline

Length: 19 miles

Completion: 2017

Comments: Project has an anticipated operating capacity of 50 Mbpd

PARADIGM ENERGY PARTNERS LLC – (4/16)

Type: Project includes the construction of a new gathering system

Length: 23 miles

Location: Palermo, ND

Comments: From Palermo, producers can access east and west coast markets via the BNSF Railway, as well as downstream markets near Stanley, ND, where Paradigm has existing pipeline connections

PLAINS ALL AMERICAN PIPELINE LP – (6/17)

Project: Cactus Pipeline Expansion

Type: Project includes pipeline expansion via manifold and metering enhancements

Location: McCamey, TX - Gardendale, TX

Capacity: 390 Mbpd

Completion: 3Q 2017

Owner 2: Phillips 66 Partners LP

Project: STACK Pipeline

Type: Project includes the expansion of the STACK Pipeline by constructing a truck station and a pipeline lateral

Length: 55 miles

Location: Cushing, OK

Start: 2016

Comments: Plains contributed an existing terminal with 200 Mbbls of crude oil storage

PRICE GREGORY INTERNATIONAL – (7/16)

Operator: SemGroup

Contractor: Quanta Services Inc.

Project: Maurepas Pipelines

Type: Project includes the construction of 34.2 miles of 24-inch pipeline, 35 miles of 12-inch pipeline and 34 miles of 6-inch pipeline

Location: St. James & St. Charles parishes, LA

Completion: 2Q 2017

PRIMORIS/HOLLOMAN CORP./PUMPCO – (5/17)

Owner: Enterprise Products Partners LP

Contractor: Primoris Pipeline has been awarded spreads 1 and 2, Holloman Corp. has been awarded spreads 3 and 4, and Pumpco Inc. has been awarded spread 5

Project: Midland-to-Sealy Pipeline

Type: Project includes the construction of 24-inch pipeline

Length: 416 miles

Location: Midland, TX - Sealy, TX

Completion: 2018

Comments: Pipeline will have the capability to provide

up to 540 Mbpd of take-away capacity for growing volumes of crude oil, and condensate from the Permian Basin

RICE ENERGY – (7/17)

Contractor: C.J. Hughes Pipeline
Sub: InterCon Construction Inc.
Type: Project includes the installation of 1,000 feet of pipeline via HDD
Diameter: 16 inches
Location: Washington County, PA
Supt: John Jones

SADDLEHORN PIPELINE LLC – (12/16)

Project: Laramie County Pipeline
Type: Project includes the construction of a new pipeline lateral
Length: 10 miles
Location: Laramie County, WY
Start: 2016
Completion: 2017
Comments: Project will have an initial design capacity of 10 Mbpd

SEABROOK LOGISTICS – (3/17)

Type: Project includes the construction of a 24-inch bi-directional pipeline and storage facilities
Location: Seabrook, TX
Completion: 2018
Owner: Magellan Midstream Partners LP/LBC Tank Terminals LLC
Type: Project includes the construction of 270 Mcm of additional crude oil and condensate storage and the construction of a 24-inch bi-directional pipeline
Location: Seabrook, TX
Completion: 2018
Comments: If warranted by market demand, Seabrook Logistics could construct an additional 480 Mcm of storage, a second 24-inch diameter pipeline between the Seabrook Logistics' facility and Magellan's Houston crude oil distribution system and a second Aframax ship dock

SEMGROUP/NGL ENERGY PARTNERS – (3/17)

Project: Glass Mountain Pipeline Extension
Type: Project includes the extension of 215 miles of existing pipeline
Length: 44 miles
Location: Cushing, OK
Completion: 2017
Comments: The extension will deliver crude oil from north-central Oklahoma's STACK resource play to Cushing, OK

SPECTRA ENERGY TRANSMISSION – (7/17)

Contractor: Mears Group Inc.
Sub: BigInch Fabricators and Construction Inc.
Type: Project includes pipeline integrity, re-coating and guided wave direct examination of various size pipelines
Location: Huntington and Bucks counties, PA
Supt: Matt Ranson

SUNLAND CONSTRUCTION – (5/17)

Owner: Enterprise Products Partners LP
Project: RGP Pipeline and Rail Terminal Expansion
Type: Project includes construction of a pipeline lateral
Length: 65 miles

Diameter: 20 inches
Location: Sorrento, LA - Breau Bridge, LA
Comments: Enterprise will also upgrade rail receipt points at Mont Belvieu to handle as many as 100 refinery grade propylene cars per day

Owner: TransCanada Corp./Magellan Midstream
Project: HoustonLink
Type: Project includes the construction of a 24-inch pipeline
Length: 9 miles
Location: Houston, TX
Start: 2016
Completion: 2017
Comments: Project will provide TransCanada's customers access to Magellan's Houston and Texas City crude oil distribution system

TALLGRASS ENERGY – (7/17)

Contractor: Minnesota Ltd. LLC
Project: REX Compressor Station
Type: Project includes the installation of a meter station
Diameter: 12 inches
Location: Hendricks County, IN
Supt: Kerry Schott

TALL OAK MIDSTREAM LLC – (7/15)

Project: Eagle Ford JV Pipeline System Expansion
Type: Project includes the construction of a 20-inch condensate gathering system and expansion on an existing pipeline system
Length: 125 miles
Location: Gardendale, TX - Corpus Christi, TX
Completion: 2017
Comments: Project includes a new terminal on the Corpus Christi ship channel to support the increased volumes to be shipped via pipeline to the region

WELSPUN TUBULAR/PUMPCO/STRIKE – (10/16)

Owner: Diamond Pipeline LLC
Project: Diamond Pipeline
Type: Project includes the construction of a new pipeline
Length: 440 miles
Location: Cushing, OK - Memphis, TN
Comments: The pipeline will be capable of transporting 200 Mbpd of domestic crude oil from the storage hub in Cushing to Valero's refinery in Memphis

Canada

BANISTER PIPELINE – (7/16)

Owner: Access Pipeline Inc.
Project: Northeast Expansion
Type: Project includes the construction of 42-inch pipeline
Length: 185 miles
Location: Conklin, Alberta – Redwater, Alberta
Start: 2016
Completion: 2018

ENBRIDGE ATHABASCA – (REV 6/17)

Project: Athabasca Pipeline Twinning
Type: Project includes: a new pump station at the existing Kirby Lake Terminal; a new pump station at the existing Bonnyville Station; and a new 36-inch pipeline

Length: 214 miles
Location: Kirby Lake
Comments: The in-service date of the project has been delayed until 2017 due to changes in production estimates from oil sands operations

ENBRIDGE – (3/17)

Project: Enbridge Line 10 Westover Segment Replacement Project
Type: Project includes the replacement of 12-inch pipeline with new 20-inch pipeline and three new sections for proposed reroutes from existing right-of-way
Length: 35 miles
Location: Ontario (Westover Terminal - Nanticoke Junction Facility)
Completion: 2018
Comments: The National Energy Board (NEB) has approved the project and has imposed a total of 46 conditions covering a wide range of matters, including emergency management and environmental protection

INTER PIPELINE – (2/17)

Project: Kirby North Project
Type: Project includes the construction of 16-inch and 8-inch pipeline laterals, as well as a new pumping and metering facility
Length: 15 miles
Location: Conklin, AB
Comments: Project will produce up to 100 Mbpd of bitumen and require bitumen blend and diluent transportation capacity over the long term

PEMBINA PIPELINE CORP. – (5/17)

Project: Phase IV Expansion
Type: Project involves the expansion of the Fox Creek and Namao Pipeline through two new pump stations
Location: Fox Creek - Namao
Completion: 2018
Comments: Project will expand the pipeline by 180 Mbpd
Project: Phase V Expansion
Type: Project involves the expansion of capacity between Lator and Fox Creek
Location: Lator and Fox Creek
Completion: 2018
Comments: Project will expand the pipeline by 260 Mbpd and the clearing of the right-of-way is almost complete

Project: Vantage Pipeline Expansion
Type: Project includes the installation of mainline pump stations and the construction of a new 8-inch gathering lateral
Length: 50 miles
Location: Tioga, ND - Empress, Alberta
Completion: 2017
Comments: Expansion will increase the pipeline's mainline capacity from 40 Mbpd to 68 Mbpd

TRANSCANADA CORP. – (10/15)

Project: Grand Rapids Pipeline
Type: Project includes the construction of new pipeline
Length: 287 miles

Location: Fort McMurray, Alberta - Edmonton
Comments: Project will have an ultimate capacity to move up to 900 Mbpd of crude oil and 330 Mbpd of diluent

PRODUCTS – The Americas

U.S.

BUCKEYE PARTNERS LP – (REV 6/17)

Project: Michigan/Ohio Pipeline Expansion Project (Phase II)
Type: Project includes the reversal on a portion of the existing Laurel Pipeline to facilitate the transportation of refined petroleum products
Location: Pittsburgh, PA
Completion: 2018

Project: Michigan/Ohio Pipeline Expansion (Phase I)
Type: Project includes the reversal of a portion of the existing Laurel Pipeline
Location: Detroit, MI, Lima, OH and Midland, PA
Comments: This phase of the project is in addition to the first phase, which offered expanded transportation services from Midwestern origin points to destination points as far east as the Pittsburgh area

MAGELLAN MIDSTREAM PARTNERS LP/ TRANSMONTAIGNE PARTNERS LP – (6/16)

Owner: Magellan Midstream Partners LP and TransMontaigne Partners LP
Type: Project involves the construction of a 150-mile, 16-inch diameter pipeline capable of transporting 150 Mbpd
Length: 150 miles
Location: Corpus Christi, TX - Brownsville, TX
Completion: 2018

TROY CONSTRUCTION – (4/16)

Owner: Dow Pipeline Co.
Type: Project includes the construction of a 12-inch pipeline
Length: 78 miles
Location: Freeport, TX - Mont Belvieu, TX

Mexico

NUSTAR ENERGY LP – (8/17)

Project: New Burgos Pipeline
Type: Project includes construction of pipeline
Length: 34 miles
Diameter: 10 inches
Location: Reynosa, Mexico - Edinburg, TX
Capacity: 108 Mbpd
Comments: Project will parallel the existing Burgos Pipeline

TRANSCANADA CORP. – (9/16)

Type: Project involves the development of storage and transportation infrastructure, including a marine terminal, storage hub and pipeline
Length: 165 miles
Location: Mexico
Comments: The 100 Mbpd refined products pipeline will parallel TransCanada's recently awarded Tuxpan-Tula natural gas pipeline project

Canada

ENBRIDGE INC. – (10/15)

Project: Norlite System
Location: Cheecham
Start: 2017
Comments: System will be capable of transporting 270 Mbpd of diluent from Edmonton into the oil sands region and has the potential to be further expanded with the addition of pump stations to an ultimate capacity of over 400 Mbpd

OFFSHORE – The Americas

U.S.

AUDUBON ENGINEERING SOLUTIONS – (6/16)

Owner: Phillips 66 Co.
Type: Project involves various pipeline, measurement, rotating equipment, truck rack and marine terminal, and tank integrity projects
Location: Eastern and Gulf Coast
Start: 2016
Completion: 2019

INFRAESTRUCTURA MARINA DEL GOLFO – (7/17)

Operator: TransCanada Corp.
Partner: IEnova
Project: Sur de Texas-Tuxpan Pipeline
Type: Project includes the engineering, procurement, construction, operation and maintenance of an underwater pipeline
Length: 497 miles
Diameter: 42 inches
Capacity: 2.6 MMcf/d
Cost: \$1.3 billion
Location: Gulf of Mexico - Tuxpan, Veracruz
Completion: 4Q 2019
Comments: The subsea gas pipeline will interconnect with the Nueces-Brownsville Pipeline and the Tuxpan-Tula Pipeline

Contractor: Allseas
Sub: First Subsea
Project: Sur de Texas-Tuxpan Pipeline
Type: Project includes the supply a Ballgrab Pipeline Recovery Tool (PRT) for a subsea pipeline

Contractor: Nippon Steel & Sumitomo Metal Corp./ Mitsui & Co. Ltd.

Project: Sur de Texas-Tuxpan Pipeline
Type: Project includes the supply of a 600,000 ton steel order consisting of large diameter welded steel pipe and plate as raw material for the pipeline

Length: 242 miles
Diameter: 42 and 48 inches

Contractor: Shawcor Ltd.
Project: Sur de Texas-Tuxpan Pipeline
Type: Project includes the coating of pipe with the application of concrete weight coating in a variety of thicknesses (2.25, 2.75 and 3.5 inches) and the installation of 5,000 sacrificial anodes

SUBSEA 7 – (5/17)

Owner: BP
Project: Mad Dog 2 development
Type: Project includes the engineering, procurement, construction and installation of the subsea umbilicals, risers and pipeline systems and associated subsea architecture for the project
Location: Offshore New Orleans

TECHNIP FMC – (5/17)

Owner: Shell Offshore Inc.
Project: Kaikias deep water project
Type: Project includes the delivery, integration, and installation of the subsea production system and subsea riser, jumper and flowline equipment for phase one of the project
Location: Gulf of Mexico

Mexico

SAIPEM – (11/14)

Project: Lakach Field
Type: Project includes engineering, procurement, construction, and installation of the system connecting the off-shore field with the onshore gas conditioning plant
Length: 120 miles
Location: Veracruz, Mexico
Completion: 2017
Comments: Saipem will develop the subsea, umbilicals, risers, and flowlines facilities, which include subsea equipment, infield umbilicals, flexibles, and trees and control system installation

Caribbean/South & Central America

ESSO EXPLORATION AND PRODUCTION GUYANA LTD. – (7/17)

Contractor: Saipem
Project: Liza Project
Type: Project includes the engineering, procurement, construction and installation of the subsea umbilicals, risers and flowlines and associated structures and jumpers. Project also consists of transportation and installation of umbilicals, manifolds and associated foundations for the gas injection systems
Location: offshore Guyana
Start: 2019
Comments: Located 120 miles offshore Guyana at a depth of 1,800 meters, the Liza field is a subsea development estimated to contain more than 1 billion BOE

BP TRINIDAD & TOBAGO LLC – (7/17)

Contractor: McDermott
Project: Angelin gas field
Type: Project includes the design, procurement, fabrication, transportation, installation and commissioning of a six-slot wellhead platform and subsea pipeline
Diameter: 26 inches
Location: offshore Trinidad and Tobago
Capacity: 600 MMcf/d
Comments: The contract follows the successful completion of a multi-phase

engineering contract, including pre-front end engineering design, front-end engineering design, and pre-execution engineering contracts previously awarded to McDermott for the initial design and execution planning of Angelin

Project: Lakach Field
Type: Project includes the design, detailed engineering, procurement, construction, load out, and mechanical completion of 4,300-ton topsides that can process 590 MMcf/d of gas, and a 6,100-ton jacket. Contract will also cover the design, detailed engineering, procurement, fabrication, transport, installation, and pre-commissioning of 10-inch and 8-inch inside-diameter flexible flowlines; 26-inch-outside-diameter, 6-mile concrete-coated rigid subsea pipeline; a diving campaign to support LNG train and field turnarounds; and a large number of subsea structures and tie-in spools
Location: Trinidad
Comments: Technip's S-Lay pipelay vessel, the G-1200, will install the rigid pipelines

Contractor: ProFoam LLC
Type: Project includes unloading pipeline and pre-construction activities
Location: Marshall County, WV
Contact: Kevin Smith
 Superintendent

OTHER – The Americas

U.S.

ENTERPRISE PRODUCTS

PARTNERS LP – (6/17)

Type: Project includes the construction of a new 12-inch diameter ethylene pipeline and re-purposing of a large, high-capacity ethylene storage well expansion
Length: 24 miles
Location: Mont Belvieu, TX
Completion: 2018
Comments: Upon project completion, the 5.3-million-barrel cavern will be able to inject/withdraw ethylene at a rate of 2 Mbph expandable to 4 Mbph

TARRANT REGIONAL WATER DISTRICT – (8/17)

Project: Integrated Pipeline Project
Type: Project includes construction of a water transmission pipeline, three lake pump stations, and three booster pump stations
Length: 150 miles
Diameter: 84 to 108 inches
Location: Fort Worth, TX - Anderson, TX
Capacity: 50 MMgpd
Cost: \$1.6 billion
Completion: 2018

XCL MIDSTREAM LLC – (8/17)

Project: XCL Appalachia Connector Pipeline Phase I
Type: Project includes construction of a gas header system, wet gas system and a parallel fresh water pipeline
Length: 100 miles
Diameter: 24 inches
Location: West Virginia
Capacity: 800 MMcf/d
Completion: 2Q 2018
Comments: Project will have interconnections with TL-590, Leach Xpress, Mountaineer Xpress and TETCO M2 pipelines