

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

GAS – The Americas

U.S.

3BEAR ENERGY LLC – (10/17)

Project: 3Bear System
Type: Project includes the development, ownership and operation of a gathering and processing system
Length: 100 miles
Location: Lea and Eddy counties, NM
Completion: 1Q 2018
Comments: Project is designed for expansion and will accommodate the rapid production growth in the Delaware Basin

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

ATLANTIC COAST PIPELINE LLC – (2/18)

Owners: Dominion Energy; Duke Energy; Piedmont Natural Gas and Southern Company Gas
Project: Atlantic Coast Pipeline
Type: Project includes construction of pipeline
Length: 600 miles
Diameter: 20, 36 and 42 inches
Location: Harrison County, WV – Chesapeake, VA
Capacity: 1.5 Bcf/d
Cost: \$5.1 billion
Docket: CP15-554
Completion: 4Q 2019
Comments: Project will transport domestically-produced, clean-burning natural gas from West Virginia to communities in Virginia and North Carolina that lack the infrastructure needed to generate cleaner electricity, heat homes and power new industries

Contractor: Spring Ridge Constructors LLC
Type: Project includes pipeline construction

Contractor: Michels Corp.
Type: Project includes pipeline construction

Contractor: Price Gregory International Inc.
Type: Project includes pipeline construction

Contractor: Rockford Corp.
Type: Project includes pipeline construction

Contractor: U.S. Pipeline Inc.
Type: Project includes pipeline construction

Owners: Dominion Energy; Duke Energy; Piedmont Natural Gas and Southern Company Gas

Project: Atlantic Coast Pipeline
Segment: Supply Header Project
Type: Project includes pipeline construction and

Length: 38 miles
Diameter: 30 inches
Location: Westmoreland County, PA; Wetzel County, WV
Capacity: 1.5 MMDth/d
Cost: \$500 million
Docket: CP15-555
Completion: 4Q 2019
Comments: Project will move Marcellus Shale gas from Ohio, West Virginia and Pennsylvania into the Atlantic Coast Pipeline for further delivery to Virginia and North Carolina

Contractor: Ace Pipeline Inc.
Type: Project includes pipeline construction

ATMOS ENERGY – (9/17)

Operator: Atmos Pipeline Texas
Project: Atmos Pipeline Texas Replacement
Type: Project includes pipeline replacement
Length: 29 miles
Diameter: 10 inches
Location: Hopkins, Delta and Lamar, TX

Operator: Atmos Pipeline Texas
Project: Atmos Pipeline Texas Replacement
Segment: Line M Pipeline Replacement
Type: Project includes pipeline replacement
Length: 19 miles
Diameter: 11 inches
Location: Ellis and Navarro, TX

Operator: Atmos Pipeline Texas
Project: Atmos Pipeline Texas Replacement
Segment: WL 201 Pipeline Replacement
Type: Project includes pipeline replacement
Length: 5 miles
Diameter: 11 inches
Location: Clay, TX

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

BOARDWALK LOUISIANA MIDSTREAM LLC – (REV 7/17)

Operator: Gulf South Pipeline LP
Project: Coastal Bend Header
Type: Project includes the construction of pipeline, three compressor stations and seven meter stations
Length: 66 miles
Diameter: 16 and 36 inches
Location: Port Neches, TX - Devers, TX
Completion: 3Q 2018

Contractor: Sunland Construction
Type: Project includes pipeline construction

BOARDWALK PIPELINE PARTNERS LP – (3/18)

Operator: Gulf South Pipeline LP

Project: St. Charles Parish Expansion Project
Type: Project includes construction of pipeline and a new compressor station
Length: 1.25 miles
Diameter: 16 inches
Location: Montz, LA
Capacity: 133 Mcf/d
Cost: \$30 million
Docket: CP16-479
Completion: 3Q 2018
Comments: Project will connect to Gulf South's 24-inch Index 270 pipeline

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

CARDINAL MIDSTREAM III LLC – (4/18)

Owner: Cardinal Midstream LLC
Project: Iron Horse Gathering System
Type: Project includes construction of a gas gathering and processing system
Length: 100
Location: Canadian, Grady, Caddo and McClain counties, OK
Capacity: 200 MMcf/d
Cost: \$250 million
Completion: 3Q 2018
Comments: System includes the Iron Horse Plant, designed to accommodate additional expansions that would bring total processing capacity to 600 MMcf/d to serve production growth, and is anchored by a long-term acreage dedication from Travis Peak Resources LLC

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

CFE-- (REV 7/17)

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
Capacity: 1.5 MMcf/d
Completion: 3Q 2018

Contractor: GDI SICIM Pipelines SA De c.v
Type: Project includes engineering, procurement and construction of pipeline
Cost: \$372 million

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 PIPELINE GROUP INC. -- (4/18)

Owner: TransCanada Corp.
Project: B-System Project
Type: Project includes construction of pipeline, replacement of existing pipeline and upgrades to equipment and facilities
Length: 20.8 miles
Diameter: 20 inches
Location: Fairfield and Franklin counties, OH
Completion: 3Q 2018
Comments: Project will also retire an existing 17.6 mile pipeline as part of Columbia's ongoing Modernization Program to ensure the safe and reliable delivery of vital natural gas supply lines for the wider Columbus, OH metro area

Contractor: Price Gregory International Inc.
Type: Project includes construction of pipeline, replacement of existing pipeline and upgrades to equipment and facilities

CONSUMERS ENERGY -- (10/17)

Project: Saginaw Trail Pipeline
Type: Project will be executed in five phases and includes take up and relay of existing pipeline
Length: 94 miles
Diameter: 24 inches
Location: Saginaw, Genesee and Oakland counties, MI
Cost: \$610 million
Completion: 2022

Comments: Project is part of the Transmission Enhancements for Deliverability & Integrity (TED-I) and will be built in five stages

Contractor: Welded Construction

Type: Project includes construction of Phase 1 of the pipeline

CRESTWOOD EQUITY PARTNERS LP -- (9/17)

Project: Orla Expansion Project
Type: Project includes the construction of a cryogenic gas processing plant, multiple third-party pipelines and a high-pressure pipeline (Orla Express Pipeline)

Length: 33 miles
Diameter: 20 inches
Location: Eddy County, NM - Orla, TX
Capacity: 200 MMcf/d
Cost: \$170 million
Completion: 2Q 2018

Contractor: T.G. Mercer Consulting Services Inc.
Type: Project includes offloading and racking of pipeline
Contact: Michael Magee
 Supt

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

DOMINION ENERGY -- (11/17)

Project: New Market Project
Type: Project includes the installation of two new compressor stations and additional compression at an existing station
Location: Madison and Chemung counties, NY
Capacity: 112 MDth/d
Cost: \$159 million
Docket: CP14-497
Comments: Project will provide extra natural gas capacity along 200 miles of existing Dominion pipeline across upstate New York with no new pipeline is being laid

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 compressor stations
Diameter: 30 inches
Location: Loudoun County, VA
HQ: Leesburg, VA
Supt: Roman McKown

DTE ENERGY -- (12/17)

Operator: NEXUS Gas Transmission System
Project: NEXUS Projectpil
Type: Project includes pipeline construction and four compressor stations
Length: 255 miles
Diameter: 42 inches
Location: Ohio and Michigan
Capacity: 1.5 Bcf/d
Completion: 4Q 2019

Contractor: Fluor
Type: Front-end engineering and design

Contractor: Michels Corp.
Type: Pipeline construction
Location: Ohio and Michigan

Contractor: Latex Construction
Type: Pipeline construction
Location: Ohio

Contractor: M.G. Dyess Inc.
Type: Pipeline construction
Location: Ohio

EASTERN SHORE NATURAL GAS CO. -- (4/18)

Owner: Chesapeake Utilities Corp.
Project: 2017 Expansion Project
Type: Project includes pipeline looping, upgrades to existing metering facilities and installation of a compressor unit

Length: 40 miles
Diameter: 10, 16 and 24 inches
Location: Pennsylvania, Maryland, Delaware
Capacity: 86 MDth/d
Cost: \$99 million
Docket: CP17-28
Completion: 3Q 2018

Comments: Project includes seven pipeline segments, including Jennersville Loop, Parkesburg Loop, Fair Hill Loop, Summit Loop, Hearn's Pond Loop, Seaford-Millsboro Connector, Laurel Loop

Contractor: Voshell Bros. Welding
Type: Project includes pipeline welding

Contractor: Appalachian Pipeline Contractors LLP
Type: Project includes pipeline engineering and construction

ENABLE MIDSTREAM PARTNERS LP -- (2/18)

Project: Wildcat Pipeline
Type: Project includes pipeline construction
Length: 140 miles
Diameter: 20, 24 and 30 inches
Location: Johnson County, TX
Capacity: 400 MMcf/d
Completion: 2Q 2018
Comments: Project will move natural gas to a processing plant and pipeline hub in north Texas

Contractor: Troy Construction Co.
Type: Project includes pipeline construction

Project: Enable Gas Transmission Expansion/Enable Oklahoma Intrastate Transmission Expansion
Type: Project includes the expansion of two existing pipelines
Location: Oklahoma (SCOOP/STACK)

Capacity: 205 MMcf/d

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

ENERGY TRANSFER PARTNERS – (1/18)

Project: Red Bluff Pipeline

Type: Project includes pipeline construction

Length: 93 miles

Diameter: 30 and 42 inches

Location: Orla, TX - Waha, TX

Capacity: 1.4 Bcf/d

Completion: 2Q 2018

Comments: Project will connect the Orla Plant to the Waha Plant to provide residue gas takeaway and has guaranteed fee based long-term commitments

Contractor: Pumpco Inc.

Type: Project includes pipeline construction

Project: Revolution Pipeline

Type: Project includes the construction of pipeline and a fractionation facility

Length: 86 miles

Diameter: 24 and 30 inches

Location: Butler County, PA – Revolution Plant

Comments: Project will have a capacity in excess of 440 MMcf/d

Contractor: Capstone Energy

Type: Project includes pipeline construction

Contractor: Willbros

Type: Project includes pipeline construction

Contractor: Pumpco

Type: Project includes pipeline construction

Project: Roadrunner Gas Transmission Pipeline

Type: Project includes the construction of 30-inch pipeline

Length: 200 miles

Location: Cayanosa, 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

EQT MIDSTREAM PARTNERS LP – (2/18)

Project: Equitrans Expansion Project

Type: Project includes construction of pipeline and expansion of existing compressor stations

Length: 8 miles

Diameter: 6 and 30 inches

Location: Greene, Allegheny and Washington counties, PA; Wetzell County, WV

Capacity: 600 MDth/d

Comments: Project will utilize existing interconnects, including Texas Eastern Transmission LP and Dominion Transmission Inc., as well as a proposed future interconnect with Mountain Valley Pipeline LLC

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 – (REV 3/18)

Operator: Nueva Era Pipeline LLC

Project: Nueva Era Pipeline

Type: Project includes the construction of two pipeline laterals— 17 miles in Webb County, TX (Impulsora Pipeline) and 171 miles in Mexico (Midstream de Mexico)

Length: 190 miles

Diameter: 30 inches

Location: Webb County, TX - Escobedo, Nuevo León

Capacity: 600 MMcf/d (initial), 900 MMcf/d (maximum)

Status: Project startup has been delayed

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Completion: 2018

Comments: Project will provide transportation service of natural gas and connect producers in South Texas directly with end-users in northern Mexico

KINDER MORGAN INC. – (3/18)

Operator: Kinder Morgan Louisiana Pipeline LLC
Project: Sabine Pass Expansion Project
Type: Project includes construction of a tap and lateral; modification of three existing delivery interconnects; construction of additional compression; construction of header pipelines; and the abandonment and replacement of a meter station
Length: 1.6 miles
Location: Cameron Parish, LA
Capacity: 600 MDth/d
Cost: \$151 million
Docket: CP17-22
Completion: 2Q 2019
Comments: Kinder Morgan Louisiana Pipeline and Sabine Pass Liquefaction have signed a precedent agreement for the full capacity of the project under a 20-year term

Operator: Tennessee Gas Pipeline Co. LLC
Project: Lone Star Project
Type: Project includes construction of two compressor stations
Capacity: 300 MDth/d
Cost: \$132 million
Location: Jackson and San Patricio counties, TX
Docket: CP16-496
Comments: TGP previously signed a binding, 20-year precedent agreement with Corpus Christi Liquefaction LLC to transport 300 MDth/d of natural gas from an existing receipt point on TGP's system to a new point of interconnection with Cheniere Corpus Christi Pipeline LP on TGP's 100 Line in San Patricio County, TX

Operator: Tennessee Gas Pipeline Co. LLC
Project: Abandonment and Capacity Restoration Project (ACR Project)
Type: Project includes abandonment of certain natural gas pipeline facilities and modifications of existing pipeline facilities and compressor stations
Length: 964 miles (abandonment)
14 miles (construction)
Diameter: 2, 16, 30 and 36 inches
Location: Natchitoches Parish, LA; Columbiana County, OH; Kentucky
Docket: CP15-88
Comments: Project will abandon pipeline facilities from Station 40 in Natchitoches Parish, LA, to Station 216 in Columbiana County, OH, and construct replacement facilities in OH and KY. Construction of the replacement facilities will enable TGP to abandon the lines by sale to UMTF, which plans to convert the lines to non-jurisdictional natural gas liquids transportation as a component of the UMTF Project

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

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

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

MIDAMERICAN ENERGY HOLDINGS CO. – (9/17)

Operator: Northern Natural Gas Co.
Project: Des Moines B-line Loop Project
Type: Project includes pipeline looping and pipeline abandonment
Length: 14 miles
Diameter: 20 inches
Location: Boone and Polk counties, IA
Cost: \$32.5 million
Docket: CP17-434
Status: Project is in the bidding phase

Contractor: Appalachian Pipeline Contractors LP
Type: Project includes pipeline installation
Contact: Bobby Rose
Supt

MILLENNIUM PIPELINE CO. LLC – (3/18)

Project: Eastern System Upgrade
Type: Project includes construction of looped pipeline, new compression capabilities and upgrades to existing stations
Length: 10 miles
Diameter: 36 inches

Location: Rockland County, NY
Capacity: 200 MDth/d
Cost: \$275 million
Docket: CP16-486
Completion: 4Q 2018
Comments: An economic analysis done by Concentric Energy Advisors estimates that electric consumers in New York will save \$495 million over the first 10 years of the Eastern System Upgrade Project

Contractor: Precision Pipeline LLC
Type: Project includes pipeline construction

Project: Valley Lateral Project
Type: Project includes installation of a pipeline lateral
Length: 7.8 miles
Diameter: 16 inches
Location: Orange County, NY
Capacity: 130 MDth/d
Cost: \$39 million
Comments: Project will connect Millennium's mainline to the proposed CPV Valley Energy Center

Contractor: Otis Eastern Services Inc.
Type: Project includes pipeline construction

MOUNTAIN VALLEY PIPELINE LLC – (2/18)

Project: Mountain Valley Pipeline
Type: Project includes construction of pipeline and three compressor stations
Length: 301 miles
Diameter: 42 inches
Location: Wetzel County, WV - Pittsylvania County, VA
Capacity: 2 Bcf/d
Completion: 4Q 2018
Comments: Pipeline will run from the Equitrans Transmission System to a Transcontinental Gas Pipeline compressor station

Contractor: Precision Pipeline LLC
Type: Project includes pipeline construction

Contractor: Price Gregory International
Type: Project includes pipeline construction

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

NATIONAL FUEL GAS SUPPLY CORP. – (1/18)

Project: Line QP Project
Type: Project includes construction of pipeline, a regulator station and the abandonment of a storage field and related facilities
Length: 5 miles
Diameter: 4 inches
Location: Forest and Warren counties, PA
Docket: CP16-28
Comments: Project includes the abandonment of the Line Q Project and Queen Storage assets

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 1.2 MDth/d of new firm capacity

NATURAL GAS PIPELINE CO. OF AMERICA LLC – (2/18)

Owner: Kinder Morgan Inc.

Project: Gulf Coast Southbound Expansion Project

Type: Project includes construction of a new compressor station, modifications to existing compressor station facilities and valve sites, and replacement of existing pipeline facilities

Location: Cass County, TX; White County, AR

Capacity: 460 MDth/d

Docket: CP16-488

Completion: 4Q 2018

Comments: Project is a market-driven response to access increasing domestic natural gas supplies available to NGPL's Gulf Coast Mainline System for delivery to growing industrial demand and export opportunities in the Gulf Coast area

NIOCORP DEVELOPMENTS LTD. – (1/18)

Operator: Rockies Express Pipeline LLC

Project: Elk Creek Lateral

Type: Project includes pipeline construction

Length: 28 miles

Location: Marshall County, KS – Elk Creek, NE

Capacity: 26.8 Mcf/d

Comments: Pipeline will supply NioCorp's planned Elk Creek Superalloy Facility (Elk Creek Facility)

Contractor: Rockies Express Pipeline LLC

Type: Contract includes the design, construction, and operation of the pipeline

Cost: \$63 million

NORTHERN NATURAL GAS CO. – (11/17)

Project: Cedar Station Upgrade

Type: Project includes pipeline looping

Length: 7.8 miles

Diameter: 20 inches

Location: Dakota County, MN

Docket: CP17-76

Contractor: Minnesota Ltd.

Type: Contract includes pipeline looping for the project

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

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

PIEDMONT NATURAL GAS CO. INC. – (3/18)

Project: Line 434 Project

Type: Project includes construction of gas distribution lines and facilities

Length: 35 miles

Diameter: 30 inches

Location: Laurinburg, NC

Capacity: 80 Bcf/y

Comments: Project will put swine-waste gas on Piedmont's system for use by Duke Energy at two of its plants (H.F. Lee Station Combined Cycle Plant and Sutton Combined Cycle Plant)

Contractor: Troy Construction Co.

Type: Project includes pipeline construction



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POMELO CONNECTOR LLC – (4/18)

Owner: Canyon Midstream Partners LLC
Project: Pomelo Connector Pipeline
Type: Project includes construction of pipeline and a compressor station

Length: 14 miles
Diameter: 30 inches
Location: Nueces County, TX
Capacity: 400 MDth/d
Docket: CP17-26

Comments: Project will provide firm transportation capacity between Texas Eastern Transmission LP and the Nueces Header to be constructed by Valley Crossing Pipeline LLC

SEMGROUP CORP. – (1/18)

Project: Canton Pipeline
Type: Project includes pipeline construction
Length: 50 miles
Diameter: 24 inches
Location: Woods County, OK - Blaine County, OK
Capacity: 200 MMcf/d (initial)
 400 MMcf/d (maximum)
Cost: \$60 million
Comments: Project will tie into the Rose Valley processing facility

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

SPIRE INC. – (3/18)

Operator: Spire STL Pipeline LLC
Project: Spire STL Pipeline
Type: Project includes installation of steel pipeline and minor modifications to line 880
Length: 65 miles
Diameter: 24 inches
Location: Scott County, IL - St. Louis County, MO
Capacity: 400 MDth/d
Completion: 4Q 2018
Comments: Project will connect to the existing Rockies Express Pipeline

Contractor: T.G. Mercer Consulting Services Inc.
Type: Project includes offloading of pipe
Length: 70 miles
Diameter: 24 inches

Contractor: Michels Corp.
Type: Project includes pipeline construction

STAR CENTRAL GAS PIPELINE INC. – (9/17)

Project: Shidler Line Abandonment Project
Type: Project includes pipeline abandonment
Length: 31.2 miles
Diameter: 16 inches
Location: Osage County, OK
Docket: CP16-456

STERLING ENERGY – (3/18)

Project: Jackson Lake Gas Gathering System
Type: Project includes construction of a pipeline gathering system
Length: 12.2 miles
Diameter: 12 inches
Location: Morgan County, CO – Weldona, CO
Completion: 1Q 2020
Comments: Project will connect to the Jackson Lake Gas Processing Facility and be built adjacent to another pipeline that is already on the property

SUNOCO LOGISTICS – (7/17)

Project: Mariner East II
Type: Project includes pipeline construction
Length: 51 miles
Diameter: 20 inches
Location: Cumberland and Dauphin counties, PA
Capacity: 345 Mbpd
Completion: 3Q 2017

Contractor: Precision Pipeline LLC
Sub: Northern Clearing Inc.
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: Welded Construction
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
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
Type: Project includes the new lay of pipeline
Length: 25 miles
Diameter: 20 inches
Location: Smithton, PA
Foremen: Gary Weems and Edward Steward

TALLGRASS INTERSTATE GAS TRANSMISSION LLC – (2/18)

Owner: Tallgrass Energy Partners LP
Project: Segment 55 Pipeline Abandonment Project
Type: Project includes abandoning an existing pipeline segment in place
Length: 47 miles
Diameter: 16 inches
Location: Converse and Platte counties, WY

Docket: CP17-485
Comments: Segment will be sold to Tallgrass Midstream LLC and converted to a crude oil pipeline

TALL OAK MIDSTREAM – (11/17)

Operator: Tall Oak Midstream III LLC
Project: East STACK system
Type: Project includes construction of a natural gas gathering system
Length: 50 miles
Diameter: 12 to 20 inches
Location: Hughes, Seminole, Pontotoc, Coal, Pittsburg, Atoka and McIntosh counties, OK

Completion: 4Q 2017
Comments: Tall Oak III expects to add a cryogenic processing facility to its East STACK system and is engaged in discussions with the area's producers to determine the best size for the plant and a strategic location that ensures flexible access to premium residue and NGL markets

TEXAS GAS TRANSMISSION LLC – (9/17)

Project: Calliou Bay—Dog Lake Pipeline
Type: Project includes the abandonment of certain pipeline assets and ancillary facilities
Length: 6 miles
Diameter: 8 inches
Location: Terrebonne Parish, LA
Docket: CP17-437

Project: Deep Saline—Peltex Pipeline
Type: Project includes the abandonment of certain pipeline assets and ancillary facilities
Length: 12 miles
Diameter: 10 inches
Location: Terrebonne Parish, LA
Docket: CP17-437

TRANSCANADA CORP. – (2/18)

Operator: Columbia Pipeline Group Inc.
Project: Gulf Xpress Project
Type: Project includes construction of three compressor stations, modifications to three existing compressor stations and one regulating station
Location: Marshall and Cabell counties, WV
Capacity: 2.7 Bcf/d
Completion: 4Q 2018
Comments: Project is associated with the Mountaineer Xpress Project

Contractor: ProFoam LLC
Type: Project includes providing foam breakers on pipeline
Length: 25 miles
Diameter: 36 inches

Contractor: Welded Construction LP
Type: Project includes pipeline construction

Operator: Columbia Pipeline Group
Project: Central Virginia Connector Project
Type: Project includes replacement and upgrade of three compressor units, installation of pipe and valve modifications, and installation of other appurtenant facilities
Length: .10 miles

Location: Greater Richmond, VA
Capacity: 45 MMDth/d

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

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 PARTNERS LP – (3/18)

Operator: Transcontinental Gas Pipe Line Company, LLC
Project: Gulf Connector Expansion Project
Type: Project includes increasing compression on the existing pipeline
Location: Texas – Louisiana

Capacity: 475 MDth/d
Completion: 1Q 2019
Comments: Project is an expansion of the Transco pipeline system and will deliver 75 MDth/d of natural gas to Freeport LNG Development, LP's liquefaction project and 400 MDth/d to Cheniere Energy's Corpus Christi liquefaction terminal

WILLIAMS TRANSCONTINENTAL – (REV 3/18)

Owner: Williams Partners LP
Project: Southeast Market Pipelines Project
Segment: Hillabee Expansion (Phases I, II and III)
Type: Project includes pipeline looping and installation of additional compression on the mainline
Length: 45 miles
Diameter: 42 inches
Location: Coosa, Chilton and Choctaw counties, AL
Capacity: 1.2 MMDth/d
Comments: Southeast Market Pipelines Project includes Sabal Trail Transmission LLC's Sabal Trail Project and NextEra's Florida Southeast Connection
Completion: 4Q 2021

Owner: Williams Partners LP
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

WISCONSIN GAS – (10/17)

Project: Dovre Lateral Natural Gas Pipeline
Type: Project includes construction of pipeline
Length: 9.5 miles
Diameter: 12 inches
Location: Barron County, WI
Completion: 2Q 2018

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



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Completion: 2Q 2018

Comments: JV plans to add a second train to double capacity of the complex by 2Q 2019

XCEL ENERGY – (10/17)

Project: Lancaster to Fort Lupton Pipeline
Type: Project includes construction of pipeline
Length: 4.1 miles
Diameter: 24 inches
Location: Weld County, CO
Status: Project is in the development stage
Start: 3Q 2017
Completion: 1Q 2018

Canada

KEYERA CORP. – (2/18)

Project: North Wapiti Pipeline System
Type: Project includes construction of a sour gas gathering pipeline, a condensate and water pipeline, and a compressor station
Length: 21 miles
Diameter: 8 and 12 inches
Location: Grande Prairie, AB
Capacity: 150 MMcf/d
Cost: \$120 million
Completion: 2Q 2019
Comments: Project will extend to the capture area of Keyera's recently approved Wapiti Gas Gathering and Processing Complex and provide critical infrastructure and services to producers developing the Montney Shale north of the Wapiti River

TRANSCANADA CORP. – (9/17)

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

Segment: 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

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

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

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

Segment: 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

Caribbean/South & Central America

CANACOL ENERGY LTD. – (10/17)

Project: Sabanas Gas Flowline
Type: Project includes pipeline construction
Length: 51 miles
Location: Cartagena - Barranquilla
Capacity: 130 MMcf/d
Cost: \$41 million
Completion: 1Q 2018
Comments: Project will connect the Jobo gas plant to the connection point with the Promigas S.A. Gas Pipeline at Bremen

ENCANA – (REV 11/17)

Owner: Argentine Government
Project: Noreste Argentino Pipeline
Type: Project includes the construction of a main trunk line, branch lines and compressor stations
Length: 910 miles
Diameter: 30 inches
Location: Buenos Aires - Uruguay
Capacity: 10 Bcm/y
Cost: \$2 billion
Completion: 2Q 2018
Comments: Project will be carried out in three different construction phases: Salta, Formosa and Santa Fe

Contractor: Siat and Tubacoro
Type: Project includes pipeline supply

Contractor: Vertúa

Segment: Salta
Type: Project includes pipeline construction

Contractor: Techint-Panedile
Segment: Formosa
Type: Project includes pipeline construction

Contractor: Helpert-CPC-Rovella Carranza and Contreras Hermanos
Segment: Santa Fe
Type: Project includes pipeline construction

ENERGÍA ARGENTINA S.A. – (REV 1/18)

Project: Argentina Northeast Gas Pipeline
Segment 1: Formosa, Salta and Santa Fe
Segment 2: Formosa, Chaco and Santa Fe
Segment 3: Corrientes and Misiones
Type: Project includes the construction of three sections, comprising 1,810km of trunk lines and 2,334km of branch lines
Length: 2,574 miles (trunklines: 1,450) (gathering lines: 1,124 miles)
Diameter: 24 inches (trunklines) 4 to 10 inches (gathering lines)
Location: Formosa, Chaco, Santa Fe, Salta, Corrientes and Misiones provinces, Argentina
Capacity: 11.2 MMcf/d
Cost: \$1.3 billion
Completion: 2Q 2018
Comments: Project will supply natural gas to 168 cities and will connect to the national pipeline network and to the Juana Azurduy Pipeline linking Argentina with Bolivia

Contractor: Tenaris
Type: Contract includes pipe supply
Length: 1,330 miles (trunklines) 403 miles (gathering lines)

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

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

Contractor: Vertúa S.A.
Type: Contract includes engineering and construction
Segment: Section II

Contractor: Helpert-CPC-Rovella Carranza and Contreras Hnos
Type: Contract includes engineering and construction
Segment: Section III

PERU – (REV 11/17)

Project: Southern Peruvian Gasline
Type: Project includes pipeline construction
Length: 620 miles
Diameter: 32 inches
Location: Camisea field - Southern Peru
Capacity: 800 MMcf/d
Cost: \$2.1 billion
Status: Peru has canceled a contract for construction of the pipeline after the consortium hired to build it failed to meet its financing deadline. Odebrecht SA, the subject of a multinational corruption

investigation, led the consortium with a 55% stake, Enagas SA held 25% and Grupo Grana y Montero 20%

Comments: If built, project will improve the existing Peruvian Energy Network, contributing to the development of an Energy Node and Petrochemical Hub in Southern Peru

Contractor: Tipler SA

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

Mexico

COMISION FEDERAL DE ELECTRICIDAD – (12/17)

Project: Topolobampo Branch Pipeline

Type: Project includes pipeline construction

Length: 20 miles

Diameter: 24 inches

Location: Sinaloa

Capacity: 248 MMcf/d

Cost: \$55 million

Comments: Project will transport natural gas from the El Encino-Topolobampo Pipeline to two combined cycle power plants in Sinaloa

Contractor: Gas Natural del Noroeste

Type: Project includes pipeline construction

Cost: \$21.1 million

Project: Empalme Branch Pipeline

Type: Project includes pipeline construction

Length: 12.5 miles

Diameter: 24 inches

Location: Sonora - Empalme

Capacity: 236 MMcf/d

Cost: \$35 million

Status: Project is experiencing commissioning delays

Completion: 1Q 2018

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

Contractor: Gasoducto de Aguaprieta

Type: Project includes pipeline construction

Cost: \$10.8 million

Project: Hermosillo Branch Pipeline

Type: Project includes pipeline construction

Length: 30 miles

Diameter: 16 inches

Location: Sonora - Hermosillo

Capacity: 100 MMcf/d

Cost: \$68 million

Status: Project is experiencing commissioning delays

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

Contractor: Gas Natural del Noroeste

Type: Project includes pipeline construction

Cost: \$12.8 million

FERMACA PIPELINE EL ENCINO, S DE R.L. DE C.V. – (REV 6/17)

Owner: Fermaca

Project: La Laguna-Aguascalientes Natural Gas Pipeline

Type: Project involves building and operating a natural gas pipeline

Length: 290 miles

Diameter: 42 inches

Location: Durango - Zacatecas - Aguascalientes

Capacity: 1.2 Bcf/d

Cost: \$1 billion

Completion: 2Q 2018

Comments: Pipeline will supply CFE's power plants in Aguascalientes and Jalisco states, as well as central and western parts of the country

Contractor: Fermaca Pipeline el Encino, S de R.L. de C.V.

Type: Project includes engineering, procurement and construction for the pipeline

Cost: \$372 million

TRANSCANADA CORP. – (REV 7/17)

Project: Tuxpan-Tula Pipeline

Type: Project includes the construction and operation of a natural gas pipeline

Length: 155 miles

Diameter: 36 inches

Location: Tuxpan, Veracruz - Tula

Capacity: 703 MMcf/d

Completion: 2Q 2018



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

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

Project: Tula - Villa de Reyes Pipeline
Type: Project involves pipeline construction
Length: 284 miles
Diameter: 36 inches
Location: Tula, Hidalgo - Villa de Reyes, San Luis Potosí
Capacity: 550 MMcf/d
Cost: \$550 million
Completion: 2Q 2018
Comments: Pipeline will supply natural gas to the CFE's power generation plants located in the States of Hidalgo and San Luis Potosí, as well as the Central and Western regions of the country

NGL – The Americas

U.S.

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

ENTERPRISE PRODUCTS PARTNERS LP – (6/17)

Project: Shin Oak NGL Pipeline
Type: Project includes the construction of pipeline
Length: 571 miles
Diameter: 24 inches
Location: Gaines County, TX - Mont Belvieu, TX
Capacity: 250 Mbpd (initial)
 600 Mbpd (maximum)
Completion: 2Q 2019
Comments: Project will have an initial design capacity of 250 Mbpd, expandable to 600 Mbpd

EPIC Y GRADE PIPELINE LP – (REV 5/18)

Project: EPIC NGL Pipeline
Type: Project includes construction of pipeline
Length: 650 miles
Diameter: 16, 20, 24 and 30 inches
Location: Orla, Pecos, Crane and Midland counties, TX - Corpus Christi, TX
Capacity: 220 Mbpd (initial)
 440 Mbpd (maximum)
Completion: 1Q 2019
Comments: First phase of the project is complete

TARGA RESOURCES CORP. – (REV 5/18)

Project: Grand Prix Pipeline
Type: Project includes construction of pipeline
Length: 75 miles
Diameter: 24, 30 inches
Location: West Texas - Mont Belvieu, TX
 North Texas - Oklahoma
Capacity: 450 Mbpd (initial)
 950 Mbpd (maximum)
Completion: 2Q 2019
Comments: Targa announced the Grand Prix NGL Pipeline Extension, which will run from North Texas to Oklahoma

Contractor: WHC Energy Services Inc.
Type: Project includes pipeline construction

Canada

KEYERA CORP. – (2/18)

Project: Keylink NGL Gathering Pipeline System
Type: Project includes pipeline construction and utilization of existing pipeline
Length: 150 miles
Location: West-central Alberta
Capacity: 22 Mbpd
Cost: \$147 million
Completion: 3Q 2018
Comments: Project will provide producers in west-central Alberta with a pipeline alternative for transporting NGLs from a number of Keyera gas plants

OIL - The Americas

U.S.

BAYOU BRIDGE PIPELINE LLC – (3/18)

Project: Bayou Bridge Pipeline
Type: Project will be built in two phases and includes the construction of new pipeline
Length: 163 miles
Diameter: 12 and 24 inches
Location: Lake Charles, LA - St. James, LA
Capacity: 280 Mbpd (initial), 480 Mbpd (maximum)
Cost: \$750 million
Comments: Project will connect key Louisiana refining operations with new, sustainable and diverse sources of American energy production

Contractor: Stupp Corp.
Type: Project includes sourcing the steel fabrication and providing storage and logistics for the pipe until placed in the ground

Contractor: TRC Solutions Inc.
Type: Project includes providing civil survey and engineering design services

Contractor: Troy Construction Co.
Type: Project includes pipeline construction (spreads one and two)

Contractor: Sunland Construction Inc.
Type: Project includes pipeline construction (spreads three and four)

ENBRIDGE PIPELINES INC. – (10/17)

Project: Line 3 Replacement Program

Type: Project includes replacement of pipeline and construction of associated facilities
Length: 1,031 miles
Diameter: 34 and 36 inches
Location: Hardisty, AB - Superior, WI
Capacity: 760 Mbpd
Cost: \$7.5 billion
Filing: A81621
Start: 3Q 2017
Completion: 2Q 2019
Comments: The existing Line 3 Pipeline will be decommissioned

Contractor: Michels
Type: Project includes replacement of a pipeline segment
Length: 12 miles
Diameter: 36 inches
Location: Douglas County, WI

Contractor: Dun Transportation & Stringing Inc.
Type: Project includes offloading and stockpiling of pipe
Length: 200 miles
Diameter: 36 inches
Location: Kittson, Polk, Red Lake and Carlton counties, MN
Contact: Greg Norman
 Superintendent

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

ENERGY TRANSFER PARTNERS – (REV 10/17)

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: Phase 1A of the pipeline is in-service and construction has started on Phase II of the project
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 Wetzel, 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

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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

ENTERPRISE PRODUCTS PARTNERS LP – (REV 3/18)

Project: Midland-to-Sealy Pipeline
Type: Project includes the construction of 24-inch pipeline

Length: 416 miles
Location: Midland, TX - Sealy, TX
Capacity: 405 Mbpd
Status: EPP will expand the system once it is commissioned

Completion: 3Q 2018
Comments: Pipeline is part of EPP's larger Midland-ECHO crude oil pipeline system in the Permian Basin

Contractor: Primoris Pipeline
Type: Project includes pipeline construction (spreads one and two)

Contractor: Holloman Corp.
Type: Project includes pipeline construction (spreads three and four)

Contractor: Pumpco
Type: Project includes pipeline construction (spread 5)

EPIC PIPELINE CO. LLC – (2/18)

Owners: Castleton Commodities International; Ironwood Midstream Energy Partners and TexStar Midstream Logistics

Project: EPIC Crude Oil Pipeline
Type: Project includes pipeline construction
Length: 730 miles
Diameter: 16, 20, 24 and 30 inches
Location: Orla, Pecos, Crane and Midland counties, TX - Corpus Christi, TX

Capacity: 550 Mbpd
Completion: 1Q 2019
Comments: Project will link producers' NGL reserves in the Permian and Eagle Ford Basins to Gulf Coast refiners, petrochemical companies and export markets, and will run side by side with the previously announced EPIC NGL Pipeline

Contractor: Pumpco Inc.
Type: Project includes pipeline construction

Contractor: Holloman Corp.
Type: Project includes pipeline construction

Contractor: MPG Pipeline Contractors LLC
Type: Project includes pipeline construction

GIBSON ENERGY INC. – (4/18)

Project: Viking Pipeline
Type: Project includes pipeline construction
Length: 75 miles
Location: Viking Basin – Hardisty, AB
Capacity: 13.3 Mbpd (initial), 25 Mbpd (maximum)

Cost: \$50 million
Completion: 1Q 2019
Comments: Project will extend the reach of the existing Provost Pipeline to support development by several regional producers

MAGELLAN MIDSTREAM PARTNERS LP – (4/18)

Project: Wink Pipeline
Type: Project includes construction of pipeline and a terminal, which will offer broad inbound and outbound pipeline access to parties that connect to the facility

Length: 60 miles
Diameter: 24 inches
Location: Wink, TX - Crane, TX
Capacity: 250 Mbpd (initial)
600 Mbpd (expandable)

Cost: \$150 million
Status: Project is under construction and will undergo an open season at a later date

Completion: 2Q 2019

MEDALLION MIDSTREAM LLC – (9/17)

Operator: Medallion Pipeline Co. LLC
Project: Wolfcamp Expansion
Type: Project includes expansion of a partial loop of the mainline

Length: 47 miles
Diameter: 16 inches
Location: Howard, Glasscock, Mitchell and Scurry counties, TX

Capacity: 95 Mbpd
Contact: Paige Snider
Executive Assistant
(972) 746-4401
info@medallionmidstream.com

Completion: 4Q 2017

Comments: Project will be capable of providing bi-directional services

Operator: Medallion Pipeline Co. LLC
Project: Howard Lateral Expansion
Type: Project includes installation of additional pumping horsepower and construction of pipeline

Length: 15 miles
Location: Howard County, TX
Capacity: 25 Mbpd
Contact: Paige Snider
Executive Assistant
(972) 746-4401
info@medallionmidstream.com

Completion: 4Q 2017

Comments: Project will be capable of providing bi-directional services

MINNESOTA PIPE LINE CO. LLC – (3/18)

Owner: Koch Pipeline Co.
Project: Minnesota Pipe Line Reliability Project
Type: Project includes adding six pump stations to MPL Line 4 and upgrading existing stations

Location: Howard County, TX - Glasscock County, TX

Capacity: 185 Mbpd
Docket: PL5/CN-14-320
Cost: \$125 million
Comments: Project will use available capacity on the MPL system's newest pipeline – Line 4 – to ensure the overall reliability of the pipeline system

NAVIGATOR ENERGY SERVICES – (9/17)

Project: Lario Mott Gathering System Extension
Type: Project includes extension of an existing gathering system

Length: 11 miles
Diameter: 6 inches
Location: Martin, Lario and East Willow, TX
Capacity: 30 Mbpd

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

ORYX MIDSTREAM SERVICES II LLC – (2/18)

Project: Oryx II Pipeline
Type: Project includes pipeline construction and looping

Length: 220 miles
Diameter: 16, 20 and 24 inches
Location: Carlsbad, NM - Midland, TX
Capacity: 400 Mbpd
Completion: 4Q 2018
Status: Phase I of the project has been completed
Comments: Project will have the ability to expand based on shipper needs

Contractor: Holloman Corp.
Type: Contract includes the engineering, procurement and construction of pipeline

PLAINS ALL AMERICAN PIPELINE LP— (REV 4/18)

Project: Cactus II Pipeline
Type: Project includes construction of two pipelines that will connect to the existing Cactus network
Length: 80 miles
Diameter: 20 inches
Location: Odessa, TX – McCamey, TX (first pipeline), Corpus Christi, TX – Ingleside, TX (second pipeline)
Capacity: 185 Mbpd
Status: Project's capacity has been fully committed
Completion: 4Q 2019
Comments: Project will expand the existing 310-mile Cactus Pipeline System's crude capacity to 575 Mbpd daily from 390 Mbpd and Targa has committed to transport 300 Mbpd of crude oil from the Permian Basin to the port of Corpus Christi, TX via the Cactus II Pipeline

SAN MATEO MIDSTREAM LLC – (3/18)

Owner 1: Matador Resources Co., 50%
Owner 2: Plains All American Pipeline LP, 50%
Project: San Mateo Crude Oil Pipeline Extension
Type: Project includes the construction of a mainline extension from its current long-haul oil pipeline system

Location: Culberson County, TX - Eddy County, NM
Completion: 3Q 2018
Comments: Project will offer producers located within a joint development area of approximately 400,000 acres in Eddy County, NM crude oil transportation services from the wellhead to Midland, TX with access to other end markets

SANTA FE MIDSTREAM LLC – (10/17)

Owner 2: Vermilion Cliffs Partners LLC
Project: San Andres Gathering System
Type: Work scope includes construction of a natural gas and crude oil gathering, treating and processing system
Diameter: 20 inches
Location: Yoakum, Gaines and Cochran counties, TX; Lea County, NM
Capacity: 200 MMcf/d (gas processing)
Completion: 2Q 2018
Contact: Cliff Rupnow
Managing Partner and VP of Commercial (214) 308-9623 or (817) 239-5547
Comments: Residue from the natural gas processing plant and treating facilities will be delivered to El Paso Natural Gas' interstate pipeline with access to the WAHA hub and Western U.S. natural gas markets. NGLs will be delivered to Enterprise Products' Chaparral Pipeline for transportation to Mt. Belvieu, TX

SEABROOK LOGISTICS LLC – (3/18)

Owner 1: Magellan Midstream Partners LP, 50%
Owner 2: LBC Tank Terminals LLC, 50%

Type: Project includes the construction of a bi-directional pipeline
Length: 13 miles
Diameter: 24 inches
Location: Seabrook, TX
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

Contractor: Troy Construction Co.
Type: Project includes pipeline construction

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: 4Q 2017
Comments: The extension will deliver crude oil from north-central Oklahoma's STACK resource play to Cushing, OK

TALLGRASS PONY EXPRESS PIPELINE LLC – (2/18)

Owner: Tallgrass Energy Partners LP
Project: Plattville Extension
Type: Project includes construction of facilities to connect Holly Frontier's refinery complex
Length: 55 miles



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Location: Platteville, CO
Capacity: 44 Mbpd (initial)
 80 Mbpd (maximum)
Completion: 2Q 2018
Comments: Project has secured commitments of 10 Mbpd for a total of 37.5 Mbpd of short-haul and long-haul binding transportation commitments

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

WESTERN REFINING INC. – (10/17)

Operator: Western Refining Conan Gathering LLC
Project: Conan Crude Oil Gathering Pipeline System
Type: Project includes construction of a gathering system
Length: 130 miles
Location: Lea County, NM - Loving County, TX
Capacity: 246 Mbpd
Cost: \$225 million
Completion: 2Q 2018

WOLF MIDSTREAM PARTNERS – (2/18)

Project: Wolf Permian Gathering System
Type: Project includes construction of gathering pipelines
Length: 50 miles
Location: Colorado City, TX
Capacity: 55 Mbpd
Completion: 2Q 2018
Comments: Additionally, Wolf plans to construct terminal facilities with interconnects into multiple downstream pipelines

Canada

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

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
Cost: \$7.4 billion
Filing: A85729
Completion: 3Q 2019

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: Spiecapag 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)

PEMBINA PIPELINE CORP. – (REV 11/17)

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
Capacity: 180 Mbpd
Completion: 4Q 2018
Comments: Pembina has the ability to further expand capacity between Fox Creek and Namao by adding additional pump stations

Project: Phase V Expansion
Type: Project involves pipeline construction, installation of a new pump station and upgrading an existing pump station
Location: Lator and Fox Creek, AB
Length: 60 miles
Diameter: 20 inches
Capacity: 260 Mbpd (transmission)
 40 Mbbl (storage)
Cost: \$385 million
Status: Clearing of the right-of-way is almost complete

Completion: 4Q 2018
Comments: Project will address capacity constraints between Lator and Fox Creek by adding capacity, which will support growth in the prolific Monteny and Deep Basin resource plays

PRODUCTS – The Americas

U.S.

AIR LIQUIDE AMERICA CORP. – (3/18)

Owner: Air Liquide SA
Project: Air Liquide St. James Pipeline
Type: Project includes pipeline construction
Length: 25 miles
Diameter: 12 inches
Location: St. James Parish, LA
Cost: \$170 million
Completion: 4Q 2019
Comments: Project will connect an air-separation unit that will supply oxygen for Chinese petrochemical giant Yuhuang Chemical's planned methanol manufacturing complex, the Yuhuang Chemical Plant, to the Louisiana Pipeline System

Contractor: Air Liquide Global E&C Solutions
Type: Project includes engineering

Contractor: Hollico Inc.
Type: Project includes pipeline construction

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

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

OFFSHORE – The Americas

U.S.

INFRAESTRUCTURA MARINA DEL GOLFO – (4/18)

Owner: TransCanada Corp.
Project: Sur de Texas-Tuxpan Pipeline
Type: Project includes pipeline construction
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: M2 Subsea
Type: Project includes pipeline span support installation for the project
Comments: M² Subsea will manage the project working closely with local partner Frontera Resources using the Mexican flagged multipurpose support vessel Tehuana, as well as installing grout supports along the southern leg of the pipeline to prevent stress during installation and hydrostatic testing

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

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

Canada

HUSKY ENERGY – (10/17)

Owner 2: Suncor Energy (25%)
Owner 3: Nalcor Energy (5%)
Project: West White Rose Extension Project
Type: Project includes the construction of a new fixed wellhead platform in the White Rose Field
Location: offshore St. Johns
Capacity: 75 Mbpd
Cost: \$2.2 billion
Completion: 1Q 2022

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Contractor: TechnipFMC

Type: Contract includes engineering, procurement, construction and installation subsea equipment, including tie-in manifolds, flexible flowlines, and control umbilicals, which will connect the recently announced West White Rose platform to the existing SeaRose FPSO vessel

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 offshore Guyana

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

STATOIL – (11/17)

Project: Peregrino Phase II Project

Type: Project includes the construction of a fixed platform and associated subsea pipeline

Location: Campos Basin, offshore Brazil

Capacity: 250 MMbbl

Cost: \$3.5 billion

Comments: Project will enable the extension of the economic life of the Peregrino field

Contractor: TechnipFMC

Type: Contract includes the engineering, procurement, manufacturing, construction, installation and pre-commissioning of the rigid pipelines, flexible lines and the required subsea equipment for the project



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