

VOLUME 48 | AUGUST/SEPTEMBER 2020

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PIPELINERS HALL of FAME NEWS

VOLUME 48
AUGUST/SEPTEMBER 2020

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EVENT CALENDAR

Pipelines 101: Basic Principles of Onshore Pipelines
August 11 - Online Course
For more information:
<http://www.pmaconference.com/0820-pipelines-101.pdf>

30th Annual Pipeliners Reunion
August 14 - 15, 2020
Stoney Creek Hotel & Conference Center
Broken Bow, OK



Send your comments,
stories and pipeline photos
to tbostic@pipelinejobs.com

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LATEST JOB REPORTS

Evers & Sons, Inc., ph (800) 552-1236 has been awarded a contract by Easton Energy which includes construction of 17 miles of 8-inch pipeline and 6 miles of 6-inch pipeline near West Columbia, Texas (Blackjack Pipeline).

TECO Energy has awarded a project to **Southeast Connections, LLC**, ph (404) 659-1422 to construct approximately 30 miles of 8-inch pipeline near Panama City, Florida. Work to start in mid-September 2020.

The **Whistler Pipeline** consortium has awarded contracts to **Troy Construction**, ph (281)437-8214, **Strike Construction**, ph (888)353-1444 and **Pumpco, Inc.**, ph (979)542-9054. The **Whistler Pipeline** is an approximately 450-mile, 42-inch intrastate pipeline that will transport natural gas from an interconnect with the Waha Header near Coynosa, Texas in the Permian Basin to a terminus near Agua Dulce, Texas, providing direct access to South Texas markets and consumers. An approximately 50-mile 36-inch lateral will provide connectivity for gas processors in the Midland Basin. The pipeline will have transportation capacity of 2 billion cubic feet per day (Bcf/d). Construction is expected to begin in September 2020.

Columbia Gas Transmission is underway with the **Buckeye Xpress Project**. The project includes construction of approximately 66.2 miles of 36-inch pipeline; and abandoning approximately 60.8 miles of 20- and 24-inch pipeline and appurtenances to be located in Vinton, Jackson, Gallia, and Lawrence Counties, Ohio and Wayne County, West Virginia Columbia. Contractors are: **Price Gregory International**, ph (713) 780-7500, **U. S. Pipeline, Inc.**, ph (281) 531-6100, and **Associated Pipe Line Contractors**, ph (713) 789-4311.

Henkels & McCoy, ph (888) 436-5957 is getting underway with a contract for Nicor for construction of approximately 2 miles of 36-inch pipeline near Joliet, Illinois.

Dominion has a job out for bids for construction of approximately 22 miles of 12-inch pipeline near Charleston, South Carolina. Job is expected to start in September 2020.

Associated Pipe Line Contractors, ph (713) 789-4311 has been awarded a contract for construction of approximately miles of 36-inch pipeline near Sinton, Texas.

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LATEST JOB REPORTS

Troy Construction, ph (281) 437-8214 is getting underway with construction of approximately 8 miles of 36-inch pipeline near Webster, TX (Wink to Webster Pipeline – Spreaa 8) for Enterprise Products Partners.

Snelson Companies, Inc., ph (360) 856-6511 has been awarded a contract by Duke Energy for the installation of approximately 55,169 feet of 12-inch pipeline in Martin County, North Carolina. Headquarters is in Williamston, North Carolina. Superintendent is Hank Sullivent. The approximate starting date is August 1, 2020.

Bids are due August 13, 2020 for a job for **Enterprise Products Partners** for approximately 160 miles of dual 8-inch and 12-inch pipeline from Bayport, Texas to Markham, Texas.

Strike Construction, ph (888) 353-1444 is underway with construction of approximately 62 miles of 36-inch pipeline (the **Kinder Morgan Crossover II**) in Colorado, Wharton, Fort Bend, and Brazoria Counties, Texas.

U. S. Pipeline, Inc., ph (281) 531-6100 has been awarded a contract by Kinder Morgan – Tennessee Gas Pipeline Company for the installation of approximately 11,088 feet

of 12-inch pipeline in Hampden County, Massachusetts. Headquarters is in Agawam, Massachusetts. Superintendent is Tommy Dunn. The approximate starting date is August 1, 2020.

Capco Contractors, ph (903) 657-2699 has been awarded a job by Atmos Energy for the construction of approximately 19 miles of 36-inch pipeline near Kilgore, TX. Work is slated to begin in January 2021.

Capco Contractors, ph (903) 657-2699 has been awarded a contract by Atmos Energy for the construction of approximately 19 miles of 36-inch pipeline near Abilene, Texas. Work expected to begin in February 2021.

Penn Line Service, Inc., ph (724) 887-9110 has been awarded a contract by Otis Eastern, LLC for restoration work on approximately 4 miles of 12-inch pipeline right-of-way in Westmoreland County, Pennsylvania. Headquarters is in Delmont, Pennsylvania. Superintendent is Jim Pratt. The approximate starting date was July 25, 2020.

Price Gregory International, Inc., ph (713) 780-7500 has been awarded a contract by UGI Energy Services for the installation of approximately .39 miles of 8-inch pipeline, 1.38

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LATEST JOB REPORTS

miles of 12-inch pipeline, and .8 miles of 20-inch pipeline in Tioga, Lycoming and Snyder Counties, Pennsylvania. Headquarters is in Roaring Branch, Pennsylvania. Superintendent is Jack Burch. The approximate starting date is early August 2020.

Ace Pipeline, Inc., ph (304) 755-9840 has been awarded a contract by Antero Midstream, LLC for the installation of approximately 4 miles of 24-inch pipeline in Tyler County, West Virginia. Headquarters is in New Martinsville, West Virginia. Superintendent is Jeremy Phillips. The approximate starting date is August 1, 2020.

Capco Contractors, ph (903) 657-2699 has been awarded a contract to construct approx. 18 miles of 12-inch pipeline near Hamilton, Texas. Work expected to begin in August 2020.

Sunland Construction, ph (800) 299-6295 has been awarded a contract by TECO for the construction of approx. 9.5 miles of 16-inch pipeline near Jacksonville, Florida. Work to begin in mid-August 2020.

Henkels & McCoy, Inc., ph (888) 436-5357 is underway with a contract for TC Energy for the removal of 20 foot

sections of 36-inch pipeline and replacement with heavy-wall pipe in Marshall, Wirt, Jackson and Putnam Counties, West Virginia and the installation of approximately 4,400 feet of 6-inch poly pipe inside a 16-inch dresser coupling line in Tyler County, West Virginia. Headquarters are in Hannibal, Ohio, Mineral Wells and Ripley, West Virginia. Superintendents are Marty Moss, Bryant Long, and Kenny Sweetin.

Energy Transfer has plans for the **ETC REM Pipeline** project - 1.5 miles of 20-inch; 2.7 miles of 8-inch; 2 miles of 6-inch; and approx. 26 miles of 16-inch pipeline near Dilley, Texas. Work is expected to begin in August 2020.

Lone Star Pipeline Contractors, ph 254-974-0616 has been awarded contracts for two projects: the Targa Gateway project - 8.6 miles of 20-inch in Big Lake, TX. Superintendent is Able Cantu; and the Kinder Morgan Carlsbad South project - approximately 17.1 miles of 16-inch pipeline. Superintendent is Cody Gibbs. Work on the Targa project is underway and the Kinder Morgan project was expected to begin in July 2020.

Latex Construction, ph (770)760-0820 is underway with a contract for PSNC Incorporated, d/b/a Dominion Energy

LATEST JOB REPORTS

North Carolina for the installation of approximately 38 miles of 20-inch pipeline in Franklin and Wake Counties, North Carolina. Headquarters is in Bunn, North Carolina. Superintendents are Cotton Jordan and Bill Burt.

WHC, Inc., ph (337) 837-8765 is underway with a contract for **TECO Energy** for construction of approximately 38 miles of 24-inch pipeline from Pensacola, Florida to Flomaton, Alabama

Dominion Energy and Duke Energy Cancel the Atlantic Coast Pipeline

Dominion Energy and Duke Energy announced the cancelation of the Atlantic Coast Pipeline due to ongoing delays and increasing cost uncertainty which threaten the economic viability of the project. Despite last month's overwhelming 7-2 victory at the United States Supreme Court, which vindicated the project and decisions made by permitting agencies, recent developments have created an unacceptable layer of uncertainty and anticipated delays for ACP. A series of legal challenges to the project's federal and state permits has caused significant project cost increases and timing delays. These lawsuits and decisions have sought to dramatically rewrite decades of permitting and legal precedent including as implemented by presidential

administrations of both political parties. As a result, recent public guidance of project cost has increased to \$8 billion from the original estimate of \$4.5 to \$5.0 billion. In addition, the most recent public estimate of commercial in-service in early 2022 represents a nearly three-and-a-half-year delay with uncertainty remaining. Thomas F. Farrell, II, Dominion Energy chairman, president, and chief executive officer, and Lynn J. Good, Duke Energy chair, president, and chief executive officer, said: "We regret that we will be unable to complete the Atlantic Coast Pipeline. For almost six years we have worked diligently and invested billions of dollars to complete the project and deliver the much-needed infrastructure to our customers and communities. Throughout we have engaged extensively with and incorporated feedback from local communities, labor and industrial leaders, government and permitting agencies, environmental interests and social justice organizations. We express sincere appreciation for the tireless efforts and important contributions made by all who were involved in this essential project. This announcement reflects the increasing legal uncertainty that overhangs large-scale energy and industrial infrastructure development in the United States. Until these issues are resolved, the ability to satisfy the country's energy needs will be significantly challenged."



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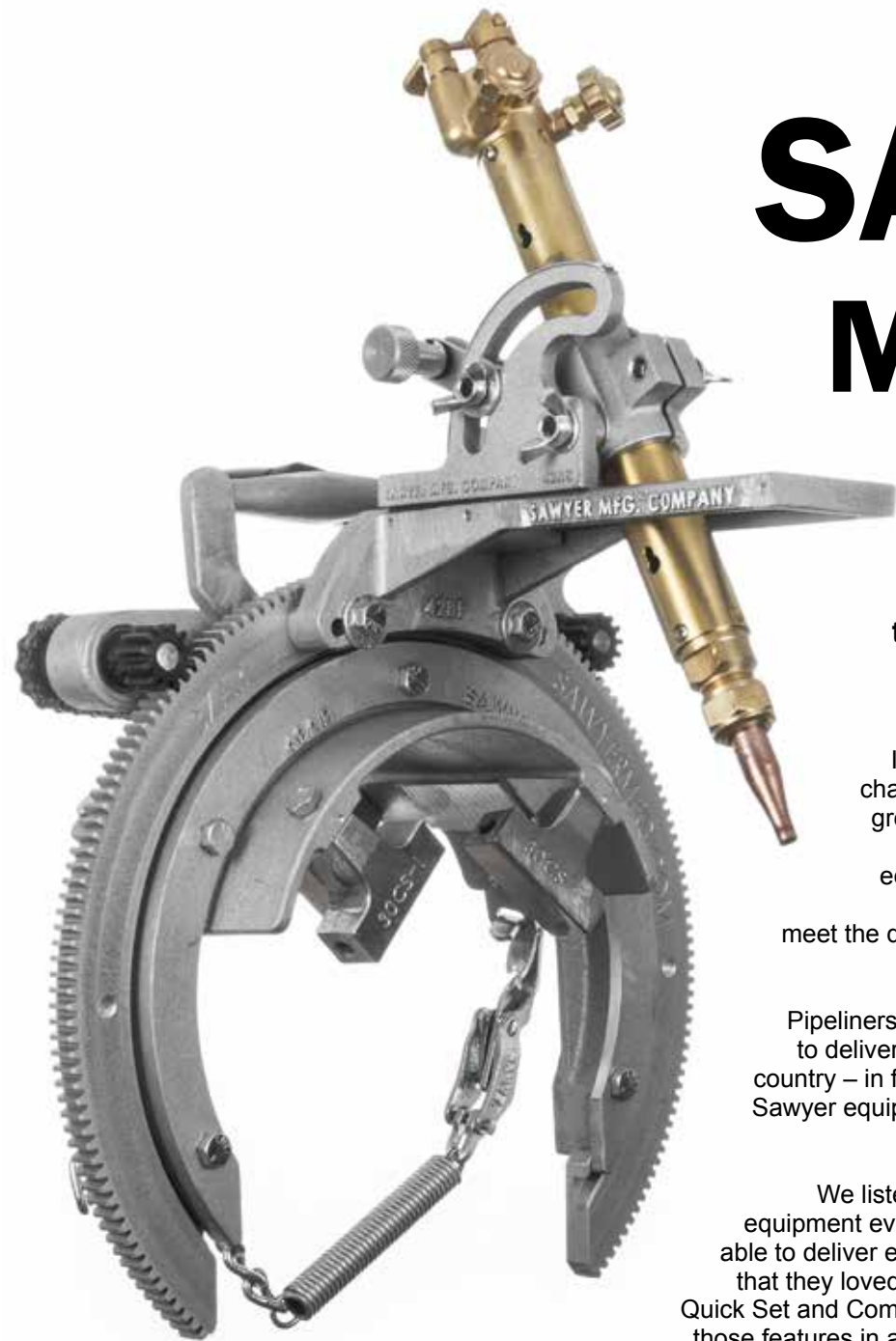


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SADDLE MACHINE



Since 1948 Sawyer Manufacturing Company has been working with pipeliners to deliver top quality, American made equipment to help them deliver the consistent quality in their work that they pride themselves on.

In the 72 years since, we've seen the industry change and grow; and Sawyer has changed and grown alongside it. A big part of that growth has come from listening to the welders using our equipment on the front line, and as a result our range of products has changed and grown to meet the demands and requests of the industry and our customers.

Pipeliners who are proud to be using quality equipment to deliver a quality weld choose Sawyer. All across the country – in fact all across the world – pipeliners are using Sawyer equipment to help them deliver quality welds, time and time again.

We listen to the men and women out there using our equipment every day, and that feedback results in us being able to deliver exactly what they want and need. They told us that they loved the quality craftsmanship and durability of the Quick Set and Compact, some also told us that they'd like to see those features in a traditional Saddle design, rather than the full ring design of the current units.



Sawyer Saddle Machines are 100% Made in the USA at our facility in Tulsa.

We listened, and Sawyer has now released a traditional Saddle machine which sits alongside our existing range of Quick Set and Compact units; giving pipeliners the ultimate choice when it comes to Saddle type bevelers. The new machine comes in four sizes, to cover the popular pipe sizes from 1.5" to 20" OD. On this machine, pipe sizes are adjusted with Sawyer Spacers that are efficiently designed to accommodate three pipe sizes within a single spacer. SSM machines #0 - #2 come with four spacers per machine and can cut a range of four distinct pipe sizes. The largest machine, #3, comes with eight spacers and can cut five specific sizes of pipe. These lightweight machines are built from cast aluminium and feature a bolt-together frame that is easy to maintain and service. Each machine comes standard with the Classic Torch Arm which is easily adjustable to the desired angle and can be moved to and from the cutline to prevent blowholes. So whether it's the heavy duty durability of the Compact, the ultimate adjustability of the Quick Set, or the traditional open frame design of our new unit, pipeliners can be confident that it will come with the exceptional build quality that they have come to expect from Sawyer machines.

That quality has been the cornerstone of our company since we started building equipment, 72 years ago. Manufacturing our equipment right here at our 94,000 sq. ft. facility in Tulsa, Oklahoma, gives us the opportunity



to ensure every unit is carefully crafted to guarantee pipeliners are getting what they deserve – a tough, durable, smooth traveling unit to give the best possible prep for their welds. Proudly American made equipment for proud American pipeliners.

Growth and change are part of the US pipeline industry and as such, our equipment adapts and evolves alongside it. Another product which has evolved recently is our Motorizing Kits for our Crawler beveling machines. A new, powerful brushless motor now drives the durable Crawler unit pipeliners have relied upon for decades. Alongside this new motor is a control unit that now can not only be powered by 110V mains power, but also by a 20V DeWalt style Li-Ion battery pack if required. This means that pipeliners can now use their Crawler units without interruption, even when no mains power or generator is available. Simply by having one battery on charge in their truck while using a second on the controller. A single fully-charged battery can deliver 6+ hours of cutting time with the Crawler.

The Motorized Kit is available for all Sawyer beveling machines making them all suitable for use even in the most remote environments.

Sawyer Manufacturing Company has been a family business since 1948. We take pride in what we do, and we love the fact that our equipment is used by pipeline professionals who take pride in their work. We listen to the folks of the pipeline industry out there on the front line using our equipment to get the job done right, every time. We adapt our equipment to suit the ever changing and evolving standards in the industry, and we do that from right here in the USA. The American pipeline industry has grown significantly since 1948, and we've grown right along with it. That growth is down to the strength of our roots; and those roots are right here in Tulsa, Oklahoma. Our doors are always open to pipeliners interested in seeing their equipment being made. We're proud to serve the pipeline industry, and we've been proudly doing so for over 70 years.



Sawyer Saddle Machines are adaptable to any cutting requirements. They can be used with most oxy/fuel or plasma torches.

The Cordless Motor Kit provides battery operated power using a Dewalt style Lithium-Ion battery for 6+ hours cutting time.

PROPOSED PROJECTS & UPDATES

ANR Pipeline Company has received approval from the FERC to construct the **Grand Chenier Xpress Project**. The proposed project includes facilities in Acadia, Jefferson Davis, and Cameron Parishes, Louisiana: modifications of ANR's existing Eunice Compressor Station in Acadia Parish, Louisiana, to increase the total certificated horsepower (hp) from 24,000 hp to 39,370 hp, and abandonment of an existing reciprocating compressor in place; construction of a new 23,470 hp greenfield compressor station (Mermentau Compressor Station) in Jefferson Davis Parish, Louisiana; modifications of the existing Dresser-Rand compressor unit and installation of 42 feet of aboveground piping at the Grand Chenier Compressor Station in Cameron Parish, Louisiana; and modifications of the Mermentau River GCX Meter Station, including the installation of an additional meter run and related appurtenant facilities in order to increase the delivery capability from 700 million cubic feet per day to 1.1 billion cubic feet per day. ANR anticipates commencing service by January 1, 2022.

FERC has issued approval for the **Annova LNG Brownsville Project**. **Annova LNG Common Infrastructure, LLC; Annova LNG Brownsville A, LLC; Annova LNG Brownsville B, LLC; and Annova LNG Brownsville C, LLC** are planning to construct, and operate a liquefied natural gas (LNG) export facility in Cameron County, Texas. The project will include a new LNG export terminal capable of producing up to 6.95 million metric tons per year of LNG for export. The LNG terminal would receive natural gas to the export facilities from a third-party intrastate pipeline. Annova anticipates a five-year construction period. The facilities for the project include the following major components: gas pretreatment facilities; liquefaction facilities (six liquefaction trains and six approximately 72,000 horsepower [hp] electric motor-driven compressors); two LNG storage tanks; boil-off gas handling system; flare systems; marine facilities; control, administration, and support buildings; access road; fencing and barrier wall; and utilities (power, water, and communication). Construction is slated for 2022 with a partial in-service date of 2024.

Bluewater Gas Storage has received FERC approval to proceed with construction of the **Bluewater Compression Project**. Bluewater proposes to construct a new 11,150 hp compressor station, consisting of one gas-driven centrifugal compressor unit and other appurtenant facilities. The compressor station will include: (1) a compressor building; (2) an electrical control building; (3) parts storage; (4) an air compressor building; and (5) ancillary equipment. Bluewater also proposes to construct two 105-foot, 20-inch-diameter sections of pipeline to tie the proposed compressor station into Bluewater's existing 20-inch-diameter pipeline and to abandon in place approximately 420 feet of existing 20-inch-diameter Pipeline in St. Clair County, Michigan.

Columbia Gas Transmission is underway on the **Buckeye Xpress Project**. The project includes 66.2 miles of 36-inch pipeline and appurtenances; and abandoning approximately 60.8 miles of 20- and 24-inch pipeline and appurtenances to be located in Vinton, Jackson, Gallia, and Lawrence Counties, Ohio and Wayne County, West Virginia. Columbia has a project in-service date of November 2020.

Columbia Gulf Transmission, LLC has filed an application with the FERC to construct and operate the **Louisiana Xpress Project**. A final Environmental Assessment decision is slated for May 8, 2020. The project will create 493,000 dekatherms per day (Dth/d) of incremental mainline capacity on Columbia Gulf's pipeline system. The incremental capacity created by the project, in conjunction with the utilization of existing capacity, will allow for open access firm transportation service on approximately 850,000 Dth/d of capacity on a north-to-south path from Columbia Gulf's Mainline Pool to a primary point of delivery with Kinder Morgan Louisiana Pipeline LLC in Evangeline Parish, Louisiana. The proposed facilities in Louisiana include three new compressor stations: the Shelburn Compressor Station in East Carroll Parish, the Red Mountain Compressor Station in Catahoula Parish, and the Chicot Compressor Station in Evangeline Parish. It also includes upgrades at one existing facility, the Alexandria Compressor Station in Rapides Parish. The new facilities will tie into the already existing Columbia Gulf Transmission System.

Dominion Energy Transmission, Inc. received approval from the FERC subject to conditions for the **West Loop Project**. The project would provide 150,000 dekatherms per day of natural gas to a new power plant that is being built in Columbiana County, Ohio to replace retiring coal-fired power and help meet the increasing demand for electricity in the Midwest. The **West Loop Project** consists of: 5.1 miles of 36-inch-diameter natural gas pipeline loop in Beaver County, Pennsylvania; modifications to increase flow capacity at the existing Beaver Compressor Station in Beaver County, Pennsylvania; re-wheel two existing centrifugal compressor units at the existing Carroll Compressor Station in Carroll County, Ohio; install a new pig launcher at the existing Koppel Junction Site and install a new pig receiver for the new Stitt Gate Site in Beaver County, Pennsylvania; install new control valves at the existing Old Petersburg Regulation Facility in Lawrence County, Pennsylvania; and install cathodic protection for the new pipeline at the existing Darlington metering and regulation (M&R) Station in Beaver County, Pennsylvania. In-service date is slated for July 2021.

Double E Pipeline, LLC (Double E) has received Notice of Environmental Review from the FERC for the Double E Pipeline Project. Double E seeks authorization to construct and operate an approximately 116.6-mile, 30-

inch and 42-inch diameter trunk-line natural gas pipeline; an approximately 16.3-mile, 30-inch diameter lateral; and meters, mainline block valves, launchers and receivers, and other minor facilities at aboveground sites. The project will interconnect with Kinder Morgan's planned Gulf Coast Express and Permian Highway Pipelines, and Energy Transfer Partners' Trans Pecos Pipeline. The Double E Pipeline Project is designed to provide up to 135,000 dekatherms per day of firm capacity to connect growing production areas in the Delaware Basin in southeast New Mexico and west Texas to delivery points near Waha in Reeves and Pecos Counties, Texas. If approved, in-service is slated for 2021.

Driftwood LNG LLC and Driftwood Pipeline, LLC has received approval from the FERC for the liquefied natural gas (LNG) export facilities and certain interstate, natural gas transmission pipeline facilities in Evangeline, Acadia, Jefferson Davis, and Calcasieu Parishes, Louisiana. The project would provide gas and processing to produce up to 26 million tonnes per annum of LNG for export. The project facilities include five LNG plants; three LNG storage tanks; three marine berths capable of accommodating LNG carriers of up to 216, each; 74 miles of 48-inch pipeline,

10.6 miles of 42-inch pipeline; 11.3 miles of 36-inch pipeline; and 1 mile of 30-inch lateral pipeline collated with the main pipeline; three compressor stations providing a total of 275,000 horsepower of compression; six pig launchers and receiver facilities, 15 meter stations, and 17 mainline valves.

Eastern Shore Natural Gas Company has filed notice with the FERC that it plans to abandon, relocate, construct, own, operate, and maintain an approximate 1.6-mile segment of two separate pipelines and appurtenances due to a Delaware Department of Transportation public road improvement project in New Castle County, Delaware (State Route 72 Relocate Project). Eastern Shore proposes to replace the existing 6- and 10-inch-diameter pipelines with two 16-inch-diameter pipelines to provide an additional 3,500 dekatherms per day of firm transportation service to Delaware City Refining Company, LLC. Eastern Shore estimates the cost of the project to be \$12,551,652.

El Paso Natural Gas Company, LLC has filed a notice with the FERC that it plans to construct, own and operate an approximately 17.1 mile, 16-inch pipeline loop of its existing 16-inch Line No. 3191 located in Eddy County, New Mexico as well as to undertake minor appurtenant





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PROPOSED PROJECTS & UPDATES

facility modifications at an existing compressor station in Lea County, New Mexico. The proposed facilities will allow for transportation service from a natural gas processing plant located in the Eddy County, New Mexico to EPNG's Keystone Pool. The project is referred as the **Carlsbad South Project** and the estimated cost is \$23.5 million.

Enable Midstream Partners, LP has filed a formal application with the FERC for the **Gulf Run Pipeline** project. An Environmental Assessment is expected from the FERC October 24, 2020 with a final decision staled for January 27, 2020. The new, 134-mile pipeline in Louisiana would run through Red River, DeSoto, Sabine, Vernon, Beauregard, and Calcasieu Parishes, Louisiana. The proposed new pipeline will run from northern Louisiana to the Gulf Coast, helping deliver U.S. resources to international markets with increasing demand. Pending receipt of applicable permits and regulatory approvals, construction would begin by 2022.

Enable Gas Transmission, LLC has filed a prior notice with the FERC that it plans to install a new 1.5-mile pipeline that will provide transportation service from EGT's existing Delhi Compressor Station to a tap on EGT's existing Line CP; modify the existing Delhi Compressor Station including abandonment of existing compressor units and installation of a new compressor unit package; permanently remove and relocate an existing compressor unit from EGT's White River Compressor Station to its existing Byars Lake Compressor Station; install auxiliary facilities at EGT's existing FM-63 and FM-65 receiver site; install auxiliary facilities at EGT's existing Amber Junction Compressor Station; and install auxiliary facilities at EGT's existing Beirne Compressor Station. All project work will be conducted within Clark and Jackson Counties, Arkansas; Richland Parish, Louisiana; and Grady and McClain Counties, Oklahoma.

The staff of the FERC has issued a Certificate of Public Convenience and Necessity for the **Putnam Expansion Project**, proposed by **Florida Gas Transmission Company, LLC**. The Putnam Expansion Project would consist of the following facilities in Florida: **West Loop**- install 13.7 miles of 30-inch pipeline loop in Columbia and Union Counties; **East Loop**- install 7.0 miles of 30-inch pipeline loop in Clay and Putnam Counties; **Columbia/Union Receiver Station Relocation**- remove and relocate the existing 30-inch loop pig receiver located at the beginning of the West Loop in Columbia County to a new pig receiver station to be installed at the terminus of the West Loop in Union County; **Clay/Putnam Receiver Station Relocation** - remove and relocate the existing 30-inch-diateter loop pig receiver located at the beginning of the East Loop in Clay County to a new pig receiver station to be installed at the terminus of the East Loop in Putnam County; **Compressor Station (CS) 18**- install new automated valves, over pressure protection device, and station piping at Florida Gas's existing CS

18 in Orange County, Florida. The planned in-service is April 2022.

Guardian Pipeline L.L.C. has filed a prior request with the FERC for authorization to construct and operate the **Graymont Western Lime Project** in Fond du Lac County, Wisconsin. Guardian states the proposed project will consist of a new delivery point connecting Guardian to Graymont Western Lime, Inc., which will measure a gas volume of 5 million cubic feet (MMcf) per day with a potential for expansion up to 13.2 MMcf per day. Guardian estimates the cost of the project to be approximately \$822,000.

Gulf South Pipeline Company, LP has received FERC approval for their **Lamar County Expansion Project** that would provide about 200,000 dekatherms of natural gas per day to Cooperative Energy's generation facility in Lamar County, Mississippi. Gulf South proposes to construct and operate 3.4 miles of 20-inch-diameter pipeline, a new delivery meter station, and a new 5,000 horsepower compressor station in Lamar and Forrest Counties, Mississippi. The project would allow Gulf South to provide up to 200,000 dekatherms per day of new natural gas firm transportation service from Gulf South's existing Index 299 pipeline to Cooperative Energy. This service would be primarily utilized for Cooperative Energy's new 550-megawatt combined cycle gas turbine generation facility. According to Gulf South, the Project would allow Cooperative Energy's power plant to switch from coal to natural gas as a power source. If approved, the project is slated for construction in the 4th quarter of 2020.

Gulfstream Natural Gas System, L.L.C. has received a Certificate of Public Convenience and Necessity to abandon, construct, and/or operate certain natural gas facilities for its **Phase VI Expansion Project** in Mobile County, Alabama, and Manatee County, Florida. Gulfstream proposes to: (1) replace approximately four miles of 36-inch-pipeline in Alabama with thicker-walled pipeline; (2) install additional compression facilities and uprate the maximum allowable operating pressure (MAOP) on part of its system; and (3) construct metering and auxiliary facilities and appurtenances. Specifically, Gulfstream proposes to conduct the following activities in Alabama and Florida: (i) install one 16,000 horsepower (HP) gas-fired turbine driven compressor unit and related appurtenances at Gulfstream's existing Compressor Station 410 in Mobile County, Alabama; (ii) uprate the maximum allowable operating pressure (MAOP) of the approximately 55-mile, 36-inch segment of pipeline from MP 3.9 in Mobile County, Alabama, to MP 59.0 in offshore federal waters in the Gulf of Mexico from 2,180 pounds per square inch gauge (psig) to 2,296 psig (beyond MP 59.0, the MAOP will remain at the current 2,180 psig); (iii) abandon in place approximately four miles of 36-inch onshore pipeline in Mobile County, Alabama,

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between MP 0.0 and MP 3.9, by cutting and capping each end and filling the line segment with grout; (iv) construct and operate approximately four miles of thicker-walled 36-inch pipeline onshore in Mobile County, Alabama, between MP 0.0 and MP 3.9, to accommodate an increase in the MAOP from 2,180 psig to 2,296 psig. This will offset and replace the approximately four-mile segment of pipeline to be abandoned as described in (iii) above; (v) construct metering equipment at Gulfstream's existing Compressor Station 420, located in Manatee County, Florida, to manage the gas flow associated with the higher MAOP described above; and (vi) construct other related auxiliary facilities and appurtenances.

Iroquois Gas Transmission System, L.P. has received a Notice of Intent to Issue an Environmental Assessment September 30, 2020 with a final decision expected December 29, 2020 to construct and operate certain natural gas compression and associated facilities. The proposed project is known as the Enhancement by Compression Project, and would add a total of 125 million cubic feet of natural gas per day of incremental firm transportation service to existing customers in New York. The Project would add one new 12,000 horsepower (hp) compressor unit and associated

facilities at each of its existing Athens (Greene County, New York) and Dover Compressor Stations (Dutchess County, New York) and two new 12,000 hp compressor units at its existing Brookfield Compressor Station (Fairfield County, Connecticut). Iroquois also proposes to add cooling and related equipment at its existing Milford Compressor Station (New Haven County, Connecticut). The project would add a total of 48,000 hp of new compression on Iroquois' System.

Jordan Cove Energy Project, L.P. and Pacific Connector Gas Pipeline, LP (PCPG) have received approval from the FERC for their proposed LNG and Terminal Pipeline. The project is designed to create a new LNG export point on the Oregon coast to serve overseas markets particularly around the Pacific Rim. The LNG Terminal would be capable of receiving natural gas, processing the gas, liquefying the gas into LNG, storing the LNG, and loading the LNG onto vessels at its marine dock. The planned liquefaction facility would be capable of producing up to 7.8 million metric tons per annum of LNG. PCGP is planning to construct and operate a new, approximately 233-mile long, 36-inch natural gas transmission pipeline crossing through Klamath, Jackson, Douglas, and Coos Counties, Oregon. The pipeline would be designed to transport 1,200,000 dekatherms per day

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of natural gas to the LNG Terminal from interconnections with the existing Ruby Pipeline LLC and Gas Transmission Northwest LLC systems near Malin, Oregon. The project has a projected in-service date is projected for 2024.

L A Storage, LLC has issued a pre-filing request with the FERC for the **Hackberry Storage Project**. The project would include new high-deliverability natural gas salt dome storage facility and associated compression and piping facilities in Cameron and Calcasieu Parishes, Louisiana. The project will involve the conversion of three existing salt dome caverns and development of one new salt dome cavern on a 159.5-acre parcel owned by LAS. The project will include two 42-inch natural gas pipelines with interconnections with Cameron Interstate Pipeline and the Port Arthur Louisiana Connector Pipeline. A 6.2-mile brine disposal pipeline will be constructed to connect the Project Facility with 4 proposed brine disposal wells. LAS will construct and operate on-site compression facilities and other ancillary facilities related to natural gas storage and transportation. The project will also involve development of six water supply wells on LAS's property. The proposed project will be owned and operated by LAS with a total gas storage capacity of approximately 26 billion cubic feet. LAS proposes to file its formal FERC application in January 2021.

Construction start for the Liberty Pipeline has been deferred. The **Liberty Pipeline** will be a new, approximately 700-mile-long, pipeline of up to 24 inches in diameter transporting light crude oil from Guernsey, Wyoming to Cushing, Oklahoma. It is being reported that construction start could be deferred until 2021.

The East Texas operating subsidiary of **Midcoast Energy, LLC**, a portfolio company of ArcLight Capital Partners, has made a positive final investment decision and entered into definitive, long-term anchor shipper agreements in support of its **CJ Express Expansion Project**. The CJ Express Pipeline will consist of up to 150 miles of 36 inch or larger diameter pipeline, commencing near Carthage in Panola County, Texas and extending south to Midcoast's Clarity Pipeline in Hardin County, Texas to provide for deliveries to Trunkline Gas (NTX), Gulf South (Area 10), TRANSCO (Zone 2), TETCO (STX & WLA), Florida Gas (Zone 1), Tennessee Gas (100 Line), Kinder Morgan Texas Pipeline, Atmos Texas Pipeline and Channel Industries Gas.. Midcoast expects CJ Express to be completed in early 2021.

National Fuel Gas Supply Corporation and Transcontinental Gas Pipe Line Company, LLC approval from the FERC for its proposed **FM100 Project** and the **Leidy South Project**, proposed by Transco. The FM100 Project would allow National Fuel to modernize a portion of its existing system and provide an additional 330,000 dekatherms per day (Dth/d) of incremental natural gas

transportation capacity, all of which is fully subscribed to Transco. The Leidy South Project would provide 582,400 Dth/d of firm natural gas transportation service from shale producing areas in northern and western Pennsylvania to Transco's customers in the eastern United States. Issuance of the EA final environmental decision for the project is anticipated May 7, 2020. National Fuel and Transco are proposing to construct and operate interdependent natural gas infrastructure projects, which are both located entirely within Pennsylvania. The FM100 Project consists of 29.5 miles of new 20-inch-diameter pipeline in McKean and Potter Counties (Line YM58); 1.4 miles of 24-inch-diameter pipeline loop in Potter County (YM224 Loop); 0.4 mile of 12-inch-diameter pipeline in McKean County (Line KL Extension); construction of new Marvindale Compressor Station in McKean County; construction of new Tamarack Compressor Station in Clinton County; construction of the Marvindale Interconnect in McKean County; construction of the Carpenter Hollow overpressurization protection station in Potter County; abandonment in place of a 44.9-mile long portion of the existing 12-inch FM100 Pipeline in Clearfield, Elk, and Potter Counties; abandonment by removal of the existing Costello Compressor Station in Potter County; abandonment by removal of an existing meter station WHP-MS-4317X in Potter County; and installation and abandonment of appurtenances, such as mainline valves and anode beds, associated with the above facilities. The Leidy South Project consists of 3.5 miles of 42-inch pipeline loop in Lycoming County (Benton Loop); 2.5 miles of 36-inch pipeline loop in Clinton County (Hilltop Loop); 6.3 miles of 36-inch meter pipeline loop and related abandonment of a 5.8-mile-long portion of the 23.4-inch Leidy Line A Pipeline (Hensel Replacement) in Clinton County; modification of existing Compressor Station 605 in Wyoming County; modification of existing Compressor Station 610 in Columbia County; construction of new Compressor Station 607 in Luzerne County; construction of new Compressor Station 620 in Schuylkill County; installation of associated facilities such as mainline valves, communication facilities, and pig launchers and receivers, and other appurtenances. Target in-service date for the project is winter 2021.

Natural Gas Pipeline Company of America has received FERC approval and is underway with the natural gas transmission **Gulf Coast Southbound Project**. The project will expand the southbound transportation capacity of Natural's Gulf Coast Mainline System by 300,000 dekatherms per day through modifications at five existing natural gas compressor stations in the state of Texas. As part of the project, Natural would conduct the following activities (all locations are in the state of Texas): install one new electric motor driven compressor unit with a rating of 10,000 horsepower, abandon two existing compressor units, and add cooling equipment and a new filter separator at existing Compressor Station 300 in Victoria County; install one Solar Mars 100 turbine with

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a rating of 15,900 horsepower, add cooling equipment, and replace two filter separators at existing Compressor Station 301 in Wharton County; install two Solar Titan 130 turbines with a rating of 23,470 horsepower each, abandon in place 10 existing compressor units, and add cooling equipment and filter separators at existing Compressor Station 304 in Harrison County; install gas coolers and filter separators at existing Compressor Stations 303 and 394 in Angelina and Cass Counties.

North Baja Pipeline, LLC (TC Energy) has submitted an application to the FERC seeking authorization to construct and maintain its **North Baja Xpress Project**. FERC has issued a Notice of Intent to Prepare an Environmental Assessment for the project that is expected to be available September 8, 2020 with a final FERC decision slated for December 7, 2020. The project consists of installation of a new 31,900 ISO horsepower Titan 250 compressor unit at its existing Ehrenberg Compressor Station located in La Paz County, Arizona; and modifications to the infrastructure at North Baja's existing El Paso Meter Station in La Paz County, Arizona, and Ogilby Meter Station in Imperial County, California. Construction is expected to start in October of 2021, with an anticipated in-service date of November 2022.

Northern Natural Gas has issued a Notice of Intent to Prepare an Environmental Assessment from the FRC for its proposed **Northern Lights Expansion 2021** project. Northern plans to have the project facilities in-service November 1, 2021, to meet the contractual in-service date. The facilities are required to meet customer requests received in the open season for Northern Lights 2021 – Ventura North. The proposed facilities, which are subject to change as the pre-filing process progresses, initially include: (1) 8.30 miles of 30- and 36-inch-diameter mainline loops and extensions; (2) 13.30 miles of branch line loops and extensions – ranging in size between 6 and 30 inches in diameter; (3) one new compressor station and modifications at two compressor stations; and (4) modifications at an interconnect; all located in Minnesota. If approved by the FERC, construction is slated for Spring 2021.

Northern Natural Gas has received a notice of Intent to Prepare an Environmental Assessment from the FERC for the **2021 Auburn A-line Abandonment and Capacity Replacement Project** involving construction, operation, and abandonment of facilities by Northern Natural Gas in Lancaster, Otoe, Johnson, and Nemaha counties, Nebraska. Northern proposes to construct and operate 4.4

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miles of new 8-inch pipeline, abandon in-place 31.7 miles of 4- to 6-inch A-line, and install a launcher and a regulation station. The 2021 Auburn A-line Abandonment and Capacity Replacement Project is part of Northern’s ongoing modernization efforts and review of vintage and mechanically jointed or acetylene welded pipeline segments. According to Northern, it would modernize Northern’s existing system, improve reliability, and enable safer long-term operation of Northern’s system.

Northern Natural Gas Company has an application before the FERC to construct and operate new facilities as part of its **Pipeline and Facilities Construction Project**. Northern intends to abandon in-place approximately 79.21 miles of its 14- and 16-inch South Sioux City to Sioux Falls M561 A-line (A-line) and appurtenances and to replace the abandoned pipeline with approximately 82.23 miles of 12-inch pipeline and appurtenances in Dakota and Dixon counties, Nebraska, and Lincoln and Union counties, South Dakota; install an approximately 3.15-mile, 12-inch tie-over pipeline and appurtenances in Lincoln County, South Dakota; abandon in-place the existing 0.16-mile, 2-inch Ponca branch line and replace it with an approximately 1.87-mile, 3-inch branch line and appurtenances in Dixon County, Nebraska; abandon in-place the existing 0.06-mile, 2-inch Jackson branch line and appurtenances in Dakota County, Nebraska; modify existing and install new above-grade facilities in various counties in Nebraska and South Dakota; and abandon and remove short segments of pipeline in various counties in Nebraska and South Dakota.

The staff of the FERC has issued approval for Northern Natural Gas Company’s **Palmyra to South Sioux City A-Line Abandonment Project**. The proposed project is in Nebraska and includes the following facilities: abandonment in place of 44.2 miles of 20-inch-diameter and 14.8 miles of 16-inch-diameter mainline in Otoe, Lancaster, Saunders, and Dodge Counties (M581A); abandonment in place of 58.7 miles of 16-inch-diameter mainline in Dodge, Burt, Thurston, and Dakota Counties (M570A); construction of 1.7 miles of new 24-inch-diameter pipeline loop in Otoe County (Palmyra North D-Line Loop); construction of 2.5 miles of new 24-inch-diameter pipeline loop in Dodge County (Fremont North D-Line Loop); construction of a new pig launcher and two valve sites within the existing Palmyra Compressor Station at the beginning of the Palmyra D-Line Loop and a pig receiver and one valve site at the end of the pipeline loop; and construction of a new pig launcher and one valve site within the existing Fremont Compressor Station and one valve site at the end of the Fremont North D-Line Loop. Overall construction start date is slated for August 2020.

Northwest Pipeline LLC is requesting authorization from the FERC under its blanket certificate to abandon

its 6-inch-diameter Bellingham Lateral Line (Bellingham Line) in Whatcom County, Washington. Northwest seeks to abandon in place approximately 8.4 miles of the Bellingham Line, while removing approximately 200 feet of pipe at the Anderson Creek crossing where the pipeline has become exposed. Northwest plans to initiate construction in August 2020 and complete the work in October 2020.

PennEast Pipeline has filed an application with the FERC seeking authority for the **PennEast 2020 Amendment Project** involving the construction of approximately 120 miles of 36-inch pipeline to be built in Northampton County, Pennsylvania. PennEast proposes to amend their FERC Certificate Order that was issued on January 19, 2018. PennEast plans to construct the federally approved PennEast Pipeline Project in two separate phases. Phase One would consist of 68 miles of 36-inch pipe, constructed entirely within Pennsylvania and ready to deliver natural gas by November 2021. The Phase Two portion would include the remaining route in Pennsylvania and New Jersey, with a targeted completion of 2023. Additionally, PennEast filed a previous amendment application on February 1, 2019, proposing four modifications to the certificated route in Luzerne, Carbon, Monroe, and Northampton Counties, Pennsylvania. The 2020 Amendment would consist of the following: a new interconnection facilities (Church Road Interconnects) in Bethlehem Township, Northampton County, Pennsylvania; a metering and regulation station at approximate milepost (MP) 68.2 of the certificated route; and two separate interconnection and measurement facilities. An FERC Environmental Assessment was expected for the project on July 10, 2020.

The Red Oak project is being deferred due to the current business environment. The project has not been cancelled, but certain work has been paused. **Phillips 66 and Plains All American Pipeline** have formed a 50/50 joint venture, **Red Oak Pipeline LLC**, and plan to construct the **Red Oak Pipeline** system. The pipeline system will provide crude oil transportation service from Cushing, Oklahoma, and the Permian Basin in West Texas to Corpus Christi, Ingleside, Houston and Beaumont, Texas. Initial service from Cushing to the Gulf Coast is targeted to commence as early as the first quarter of 2021. The Red Oak joint venture will lease capacity in Plains’ Sunrise Pipeline system, which extends from Midland to Wichita Falls, Texas. The joint venture plans to construct a new 30-inch pipeline from Cushing to Wichita Falls and Sealy, Texas. From Sealy, the joint venture will construct a 30-inch pipeline segment to Corpus Christi and Ingleside and a 20-inch pipeline segment to Houston and Beaumont. Where feasible, Red Oak plans to utilize existing pipeline and utility corridors and advanced construction techniques to limit environmental and community impact. Plains will lead project construction on behalf of the joint venture, and Phillips 66 will operate the pipeline. The project

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is expected to cost approximately \$2.5 billion.

Port Arthur Pipeline, LLC, a subsidiary of Sempra LNG & Midstream, has received a positive Final Environmental Impact Statement (EIS) from the FERC and a notice that it can begin site preparation for its proposed **Texas Connector** natural gas pipeline in connection with the proposed development of the **Port Arthur Liquefaction Project** by Port Arthur LNG, LLC, and **PALNG Common Facilities** in Jefferson County, Texas. The Final EIS addresses the potential environmental effects of the construction and operation of the following proposed facilities: two liquefaction trains, each with a capacity of 6.73 million tons per annum of LNG for export; three LNG storage tanks, each with a capacity of 160,000 cubic meters; a refrigerant storage area and truck unloading facilities; a condensate storage area and truck loading facilities; a new marine slip with two LNG vessel berths, an LNG vessel and support vessel maneuvering area, and an LNG transfer system; a materials off-loading facility and Pioneer Dock; approximately 38.9 miles of 42-inch-diameter pipeline to bring feed gas from interconnections with Kinder Morgan Louisiana Pipeline LLC, Natural Gas Pipeline Company of America, Houston Pipeline Company LP, Texas Eastern Transmission, LP

(TETCO), Florida Gas Transmission Company, LLC, and Golden Triangle Storage, Inc./Centana Intrastate Pipeline, LLC to the terminal site; approximately 131.3 miles of 42-inch-diameter pipeline to bring feed gas from interconnections with Centana Interstate Pipeline, LP, TETCO, Tennessee Gas Pipeline Company, Market Hub Partners – Egan, Pine Prairie Energy Center, Texas Gas Transmission, LLC, ANR Pipeline Company, and Columbia Gulf Transmission, LLC to the terminal site; three compressor stations; meter stations at the pipeline interconnects; and other associated utilities, systems, and facilities (mainline valves, pig launchers/receivers, contractor yards, access roads, etc.). Construction is expected to begin in the third quarter of 2021, with commercial operations expected to begin in third quarter of 2022. On May 8, 2020, **Port Arthur Pipeline** filed received an Environmental Assessment for the **Louisiana Connector Project**. Port Arthur Pipeline plans to construct, own, and operate additional new proposed Liquefaction Facility south of Port Arthur in Jefferson County, Texas. The Louisiana Connector Project will be capable of delivering approximately 2,000,000 MMBtu per day of natural gas to the Liquefaction Project. The Louisiana Connector Project, along with the Texas Connector Project facilities proposed in this proceeding, will be the primary means of delivery

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of feed gas to the Liquefaction Project. The anticipated construction start date is 1st quarter of 2021 with in-service slated for 3rd quarter 2022. The Louisiana Connector Project will include 131 miles of 42-inch diameter gas pipeline, a new compressor station, interconnection facilities with interstate and intrastate natural gas facilities, and other appurtenant facilities. The proposed Louisiana Connector Project facilities will extend from an interconnect with Columbia Gas Transmission (MP 130.9) located northeast of Eunice, Louisiana in St. Landry Parish through Evangeline, Allen, Beauregard, Calcasieu, and Cameron Parishes in Louisiana and Jefferson County, Texas and terminate at the proposed Liquefaction Facility south of Port Arthur in Jefferson County, Texas. The Louisiana Connector Project, along with the Texas Connector Project facilities proposed in this proceeding, will be the primary means of delivery of feed gas to the Liquefaction Project. Both projects are needed to provide service to the Liquefaction Project and will allow flexible access to multiple supply basins and systems of upstream transporters. Combined, the projects will give more gas sellers access to Port Arthur LNG and Port Arthur LNG access to more supply basins. The proposed **Port Arthur Pipeline Project** would consist of two segments oriented north and south of the proposed liquefaction

project. The 27.6-mile northern portion of the proposed pipeline project would extend from Vidor in Orange County, TX to the proposed liquefaction project, with the majority of the proposed pipeline co-located with existing energy infrastructure rights-of-way. The approximately 7-mile southern portion of the proposed pipeline project would originate in Cameron Parish, Louisiana on the east bank of Sabine Lake and terminate at the Port Arthur Liquefaction Project. The proposed pipeline project would interconnect the Port Arthur Liquefaction Project to various intra- and interstate pipelines, providing access to a number of major U.S. natural gas supply basins. Construction is expected to begin in the third quarter of 2021, with commercial operations expected to begin in third quarter of 2022.

Port Arthur LNG Phase II, LLC (PALNG-II) and PALNG has an application before the FERC seeking authorization to construct and operate new natural gas liquefaction facilities. The proposed project is known as the **Expansion Project** and would add a total of approximately 13.5 million tonnes per annum (MTPA) of liquefaction capacity for export overseas at the Port Arthur LNG Liquefaction Terminal. The Expansion Project would be located on approximately 900 acres near the City of Port Arthur in Jefferson County,

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Texas, entirely within the previously authorized Port Arthur LNG Liquefaction Terminal site. The Project would include two new liquefaction trains (Trains 3 and 4), each with its own gas treatment facilities and capable of producing 6.73 MTPA; and associated utilities and infrastructure related to Trains 3 and 4. Issuance of the Environmental Assessment from the FERC is expected January 21, 2021 with a final decision slated for April 2021.

Portland Natural Gas Transmission System (PNGTS) has received an Environmental Assessment from the FERC for its proposed **Westbrook XPress Project (WXP)**. Adding to PNGTS' existing capacity, WXP will be capable of transporting approximately 124,000 dekatherms a day (Dth/d) to areas where it is in great demand. Enhancing PNGTS' existing capacity through WXP will be achieved via the installation of facilities to compress and cool gas on the PNGTS system, and the modification of an existing meter station, on land adjacent to the existing Westbrook Compressor Station. The facilities at Westbrook are jointly owned by PNGTS and Maritimes & Northeast Pipeline (MNE), and operated by M&N Operating Company, LLC (MNOC). The proposed project is anticipated to be completed in three phases, with the last expected to go into

service by November 1, 2022. All work will be conducted on or adjacent to the existing station. Construction will only be associated with Phase II, which is slated to be placed into service in 2021.

Tennessee Gas Pipeline Company, LLC has received approval from the FERC for the **261 Upgrade Project**. Tennessee Gas is requesting authorization to provide 72,400 million cubic feet per day (Mcf/d) to subscribed project shippers. Tennessee Gas also requests approval to upgrade facilities at Compressor Station 261 to increase reliability to existing shippers. The project includes modifications to existing facilities and installation of new pipeline in Hampden County, Massachusetts. The proposed 261 Upgrade Project includes the following facilities: Horsepower Replacement Project - abandon and replace two existing turbine compressor units with one new turbine compressor unit and auxiliary facilities; and abandon and replace the emergency generator; a looping project - install 2.1 miles of 12-inch pipeline loop adjacent to Tennessee Gas pipelines; install pig launcher and receiver facilities and tie-in piping; and abandon and remove an inactive 6-inch-diameter pipeline. Construction was approved to begin in March 2020, however construction in light of the current

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COVID-19 pandemic and potential scheduling uncertainties that may occur as a result, Tennessee has determined that it will delay the planned compressor unit replacement at CS 261 until 2021.

Tennessee Gas Pipeline Company, L.L.C. (TGP), a Kinder Morgan subsidiary, and **Southern Natural Gas Company, L.L.C. (SNG)**, a Delaware limited liability company equally owned by subsidiaries of Kinder Morgan and Southern Company, has received notice from the FERC that they will prepare an Environmental Assessment for the proposed **Evangeline Pass Expansion Project**. The Environmental Assessment is expected on August 24, 2020 with a final decision from the FERC on November 20, 2020. The Evangeline Pass Expansion Project is designed to provide up to 1.1 million dekatherms per day (Dth/d) of additional natural gas capacity on Kinder Morgan’s TGP and SNG systems in Louisiana and Mississippi. As part of the project, SNG will lease capacity to TGP. The project involves building 9.1 miles of 36-inch diameter pipeline in St. Bernard Parish, Louisiana as well as 4 miles of 36-inch pipeline in Plaquemines Parish, Louisiana. It will also include two new compressor stations located in Clarke County, Mississippi, and St. Bernard Parish, Louisiana,

and modifications to existing facilities on both the TGP and SNG systems. Pending receipt of all required permits, construction is planned to begin in the first quarter of 2021, and the expected in-service date is December 2022.

Texas Eastern Transmission, LP has received a Notice of Intent to Prepare an Environmental Assessment from the FERC for the **Appalachia to Market Project**. Issuance of the Environmental Assessment is expected on September 15, 2020 with a final decision expected in December 2020. The Appalachia to Market Project would consist of the following facilities and actions, all in Pennsylvania: construction of approximately 0.8 mile of 30-inch-diameter pipeline loop in the same trench as a segment of an abandoned 30-inch-diameter pipe (that would be removed for this project) on the Texas Eastern system in Westmoreland County, PA; one crossover at the existing Bechtelsville pig launcher site in Berks County, PA; one crossover at the existing Uniontown pig-receiver site in Fayette County, PA and other related appurtenances.

Texas Eastern Transmission, LP has an application for its proposed **Middlesex Extension Project** and has received a Notice of Intent to Prepare an Environmental

PROPOSED PROJECTS & UPDATES

Statement from the FERC to construct, install, own, operate and maintain 1.55 miles of 20-inch-diameter pipeline, a new metering and regulating station, 0.20 miles of 16-inch-diameter interconnecting piping, and related appurtenances and ancillary facilities to provide natural gas transportation to interconnects with Transcontinental Gas Pipe Line Company, LLC’s (Transco) Mainline system and Transco’s existing Woodbridge Lateral for ultimate delivery to the 725-Megawatt natural gas-fueled combined-cycle Woodbridge Energy Center owned by CPV Shore Holdings, LLC and located in Woodbridge Township, New Jersey. A final FERC decision is expected in August 2020. In-service date is slated for June 2021.

Texas Eastern has received FERC approval for the **Marshall County Mine Panel 19E and 20E Project** located in Marshall County, West Virginia. Texas Eastern proposes to excavate and elevate pipeline segments of its Lines 10, 15, 25, and 30, that range from 30-inch to 36-inch diameter and to monitor stress and strain levels on the pipelines from potential ground subsidence due to Marshall Coal’s scheduled longwall mining activities. Concurrent with pipeline elevation, portions of Lines 10 and 15 would be replaced with new pipe to accommodate a minimum Class 2 design.

Texas Eastern would also perform maintenance activities on segments of Lines 25 and 30. Marshall Coal recently informed Texas Eastern that longwall mining activities for Mine Panel 20E may now begin as early as August of 2021. As such, Texas Eastern would need to commence activities to protect its pipelines that traverse Mine Panel 20E concurrent with planned activities to protect its pipelines that traverse Mine Panel 19E (longwall mining activities in Mine Panel 19E are anticipated to begin in October 2020) in order to ensure timely stabilization of the pipeline segments above ground for the duration of the longwall mining activities scheduled to take place at both Mine Panels. Completion of longwall mining activities and potential subsidence is anticipated in December 2020 for Mine Panel 19E and in October 2021 for Mine Panel 20E. As such, Texas Eastern is seeking to amend the timing set forth in the Application for completion of project activities from October 2021 to October 2022, prior to the start of Texas Eastern’s winter heating season. FERC has issued an Environmental Assessment for the project in late March 2020.

Texas Eastern has received approval from the FERC to proceed with the **Bailey East Mine 11J Project** in Marshall County, West Virginia. Texas Eastern is seeking



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PROPOSED PROJECTS & UPDATES

authority to excavate, elevate, replace and reinstall certain sections of four pipelines due to the anticipated longwall coal mining activities of CONSOL Energy, Inc. CONSOL plans to mine in January 2021. Texas Eastern's existing Lines 10, 15, 25, and 30 are all located in Marshall County, West Virginia, with a proposed warehouse yard located in Greene County, Pennsylvania. Pipeline activities would include: excavating and replacing approximately 1,932 feet of 30-inch-diameter Line 10 from milepost (MP) 724.4 to MP 724.8; excavating and replacing approximately 1,967 feet of 30-inch-diameter Line 15 from approximately MP 724.9 to MP 725.3; excavating approximately 1,864 feet of 36-inch-diameter Line 25 from MP 44.1 to MP 44.4; and excavating approximately 2,022 feet of 36-inch-diameter Line 30 from MP 724.9 to MP 725.3.

Texas Eastern Transmission, L.P. received an Environmental Assessment from the FERC for its proposed **Cameron Extension Project**. The project would provide 750 million cubic feet per day of firm transportation service. Texas Eastern proposes to construct and operate a new compressor station (East Calcasieu Compressor Station) in Calcasieu Parish, Louisiana. The new compressor

station is comprised of one 30,000 ISO-rated horsepower, natural gas-driven turbine compressor unit and related appurtenances. The project would also consist of three new delivery meter and regulatory stations in Cameron, Beauregard, and Jefferson Davis Parishes, Louisiana; installation of 0.2 miles of 30-inch piping to interconnect with TransCameron Pipeline, LLC's pipeline system in Cameron Parish, Louisiana; installation of miscellaneous equipment at the Gillis Compressor Station in Beauregard Parish, Louisiana; modifications to existing internal pipeline inspection launcher and receiver facilities and two new bypass facilities at existing sites along Texas Eastern's Line 41; and other related auxiliary facilities and appurtenances. A final FERC decision slated for July 2020.

Tennessee Gas Pipeline Company, L.L.C. has filed an application with the FERC to install one 11,107 horsepower gas-turbine driven compressor unit at its existing Compressor Station 321 in Susquehanna County, Pennsylvania; (2) install one 20,500 HP gas-turbine driven compressor unit at its existing Compressor Station 325 in Sussex County, New Jersey; and (3) construct the new 19,000 HP electric-driven Compressor Station 327 in Passaic County, New

PROPOSED PROJECTS & UPDATES

Jersey (East 300 Upgrade Project). The East 300 Upgrade Project would create 115,000 dekatherms per day of firm transportation service. Tennessee estimates the cost of the project to be approximately \$246.3 million.

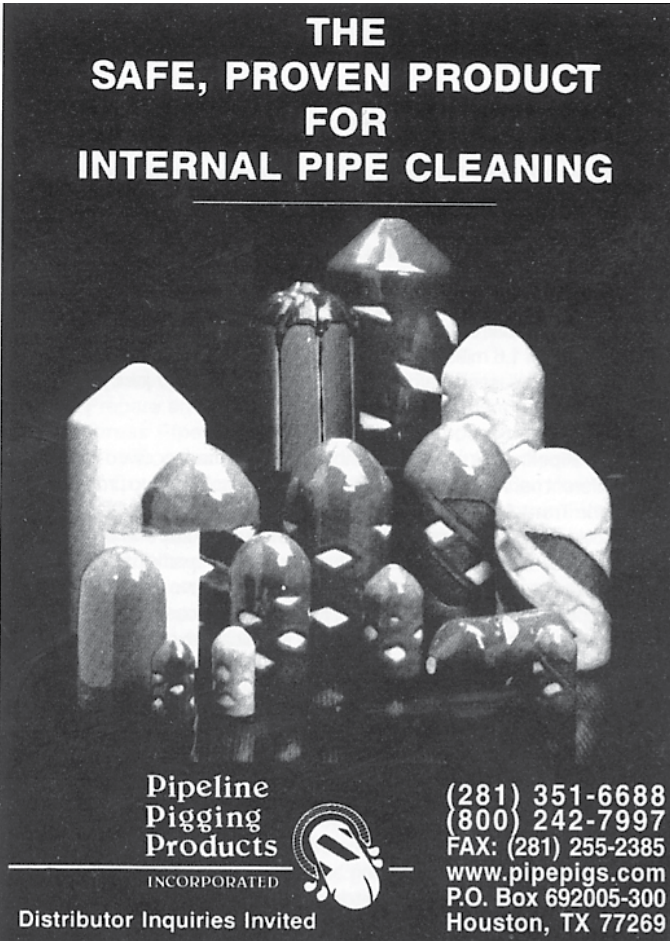
Haynesville Global Access Pipeline LLC, a subsidiary of Tellurian Inc., is proposing to construct, own and operate an approximately \$1 Billion project with 160 miles of 42-inch pipeline (**Haynes Global Access Pipeline**) and one 23,000 hp compressor station. This proposed pipeline will be capable of transporting upwards of 2 Billion cubic feet of natural gas per day from supply sources originating in the Haynesville / Bossier Shale area. A formal FERC application is expected to be filed in 2020.

Tellurian's Permian Global Access Pipeline (PGAP) is proposing to construct, own and operate the **PGAP Project**, an approximate 625-mile long, 42-inch diameter interstate natural gas pipeline originating at the Waha Hub, the gateway for Permian gas heading to market, and terminating near Lake Charles, Louisiana, the heart of US gas market growth. The project is part of Tellurian's proposed Tellurian Pipeline Network that represents a \$7.0 billion investment

in U.S. infrastructure, and the creation of approximately 15,000 jobs in Texas and Louisiana. The investment is incremental to the \$15.2 billion investment that Tellurian plans for Driftwood LNG, a proposed liquefied natural gas (LNG) export facility near Lake Charles, Louisiana. Construction could begin as early as 2021 and the pipeline is targeted to be in service as early as 2023.

Transcontinental Gas Pipe Line Company, LLC has received a Notice of Intent to Prepare an Environmental Assessment **Regional Energy Access Expansion Project** involving construction and operation of facilities by Transcontinental Gas Pipe Line Company, LLC (Transco) in Bucks, Chester, Delaware, Luzerne, Monroe, Northampton, Wyoming, and York Counties, Pennsylvania; and Burlington, Camden, Gloucester, Hunterdon, Mercer, Somerset, and Warren Counties, New Jersey; and Baltimore County, Maryland. Transco plans to construct and operate approximately 35.8 miles of pipeline loop and one new compressor station, as well as modify existing compressor stations and facilities in Pennsylvania and New Jersey. The project would provide about 760 million standard cubic feet of natural gas per day to multiple delivery points along

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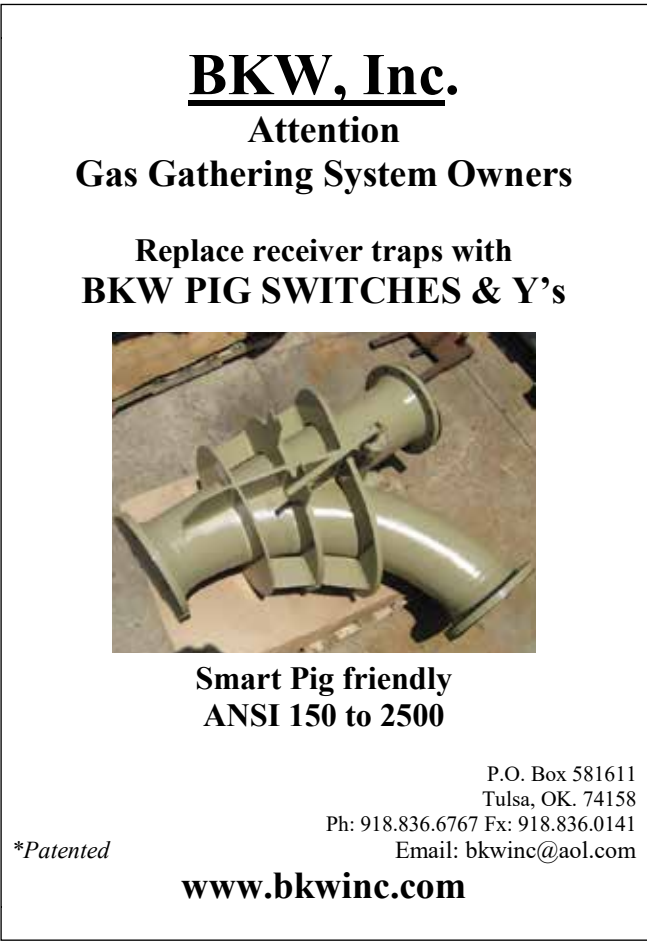
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PROPOSED PROJECTS & UPDATES

Transco’s existing system in Pennsylvania, New Jersey, and Maryland. According to Transco, its project would provide its customers with enhanced access to Marcellus and Utica Shale natural gas supplies. The project would consist of the following facilities: installation of 22 miles of 30-inch-diameter pipeline loop in Luzerne County, Pennsylvania (Regional Energy Lateral); installation of 13.8 miles of 42-inch-diameter pipeline loop in Monroe County, Pennsylvania (Effort Loop); installation of the new Compressor Station 201 (up to11,500 horsepower in Gloucester County, New Jersey); installation of a gas turbine or electric motor-driven compressor unit (up to 16,000 hp) at existing Compressor Station 505 in Somerset County, New Jersey; installation of a gas turbine compressor unit (up to an additional 31,871 hp) and modifications to three existing compressors at existing Compressor Station 515 in Luzerne County, Pennsylvania; modifications at existing compressor stations, meter stations, interconnects, and ancillary facilities in Pennsylvania, New Jersey, and Maryland; and installation of ancillary facilities such as mainline valves, communication facilities, and pig launchers and receivers.

Transcontinental Gas Pipe Line Company, LLC has received FERC approval for its proposed **Leidy South Project**. The project would expand Transco’s existing pipeline system to enable it to provide an additional 582,400 dekatherms per day of firm transportation service to three shippers, and abandon a small portion of its existing facilities. Transco seeks authorization for the construction and operation of approximately 8.7 miles of 36-inch-diameter looping facilities and the related abandonment of 5.8 miles of 23.375-inch pipeline in Clinton County, Pennsylvania; construction and operation of approximately 3.6 miles of 42-inch looping facilities in Lycoming County, Pennsylvania; the addition of 45,87 horsepower (hp) at two existing compressor stations Wyoming and Columbia Counties, Pennsylvania; and construction and operation of two new compressor stations totaling 78,801 hp in Luzerne and Schuylkill Counties, Pennsylvania. The estimated cost of the Project is \$531.12 million. In-service is slated in time for the 2021-22 winter heating season.

Tuscarora Gas Transmission Company has an application before the FERC seeking authorization to increase its certificated capacity on the pipeline by 15,000 dekatherms per day of firm capacity from Malin, Oregon to the Wadsworth Compressor Station (CS) in Washoe County, Nevada, effectuated through modifications to the original design assumption within Tuscarora’s engineering models, and replace a 600 horsepower (HP) reciprocating compressor unit with a new 1,380 HP reciprocating compressor unit along with related piping and appurtenant facilities at its existing Wadsworth CS (**Tuscarora XPress Project**). Construction start is anticipated for June 2021.

Venture Global Plaquemines LNG, LLC (Plaquemines LNG) and Venture Global Gator Express, LLC (Gator Express Pipeline) have received FERC Notice to Proceed to construct the process facilities for the **Plaquemines LNG and Project**. Plaquemines LNG and Gator Express Pipeline are proposing to construct and operate a new LNG export terminal and associated facilities along the west bank of the Mississippi River in Plaquemines Parish, Louisiana (Terminal) and to construct and operate two new 42-inch diameter natural gas pipeline laterals that will connect the Terminal to the pipeline facilities of Tennessee Gas Pipeline Company and Texas Eastern Transmission. The two parallel and adjacent laterals (11.7 and 15.1 miles long) would be operated at an MAOP of 1,200 pounds per square inch and will be designed to provide firm transportation capacity of approximately 1,970,000 Dt/d to the Terminal. Total cost of the pipeline portion of the project is estimated to be approximately 284 million dollars.

Whistler Pipeline LLC is planning to construct 450 miles of 42-inch pipeline from Waha, Texas, to the Agua Dulce area in South Texas. An approximately 50-mile 36-inch lateral will provide connectivity for gas processors in the Midland Basin. The pipeline will have transportation capacity of 2 billion cubic feet per day (Bcf/d). Whistler Pipeline has contracted for the supply of the entirety of 42”/36” steel pipeline needed to complete the project and is on schedule in its completion of survey along the planned route and acquisition of appropriate permits for a summer 2021 in-service date. Construction will commence in September 2020.

Williams has received approval from the FERC for the **Northeast Supply Enhancement** project. The project is an expansion of the existing Transco natural gas pipeline designed to serve New York markets in time for the 2020/2021 winter heating season. The project is still pending approvals from New York and New Jersey. All approvals have been received from Pennsylvania. Construction will include: 10.2 miles of 42-inch pipeline loop in Lancaster County, Pennsylvania (the Quarryville Loop); 3.4 miles of 26-inch pipeline loop in Middlesex County, New Jersey (the Madison Loop); 23.5 miles of 26-inch pipeline loop in Middlesex and Monmouth Counties, New Jersey, and Queens and Richmond Counties, New York (the Raritan Bay Loop, which consists of 0.2 mile of pipe in onshore Middlesex County, New Jersey; 6.0 miles of offshore pipe in New Jersey waters; and 17.3 miles of offshore pipe in New York waters); modification of the existing Compressor Station 200 in Chester County, Pennsylvania; construction of new Compressor Station 206 in Somerset County, New Jersey; and ancillary facilities.

Energy Transfer

Statement on Dakota Access Pipeline

We believe that the ruling issued this morning from Judge Boasberg is not supported by the law or the facts of the case. Furthermore, we believe that Judge Boasberg has exceeded his authority in ordering the shutdown of the Dakota Access Pipeline, which has been safely operating for more than three years. We will be immediately pursuing all available legal and administrative processes and are confident that once the law and full record are fully considered Dakota Access Pipeline will not be shut down and that oil will continue to flow.

We intend to immediately file a motion to stay this decision and if not granted, to pursue a stay and expedited appeal with the Court of Appeals. We also believe that the Army Corps of Engineers has the ultimate jurisdiction over this matter, pursuant to its regulations governing Corps property.

We will continue to cooperate with the Corps through their process as we believe, as does the Corps per their filing with the District Court, that the proper procedures were followed in granting the original easement and that their work will re-confirm that the easement across federally owned lands in North Dakota was properly granted.

The economic implications of the Judge’s order are too big to ignore and we will do all we can to ensure its continued operation. The Dakota Access Pipeline is the only direct pipeline

from North Dakota to the distribution hub in Patoka, Illinois, from where this domestically produced Bakken-produced crude oil is transported to refineries throughout the Midwest and the Gulf Coast. Billions of dollars in tax and royalty revenue will be lost by state, local and tribal governments in North Dakota, South Dakota, Iowa and Illinois. Farmers will suffer as crude transportation will move to rail, displacing corn, wheat and soy crops that would normally be moved to market. Ironically, the counties along these rail lines will face increased environmental risks due to the increased amount of crude oil travelling by rail.

This pipeline is the safest, most environmentally responsible method for moving North Dakota’s crude oil to refining markets around the country. Shutting down this critical piece of infrastructure would throw our country’s crude supply system out of balance, negatively impact several significant industries, inflict more damage on an already struggling economy, and jeopardize our national security.

This was an ill-thought-out decision by the Court that should be quickly remedied.



Permian Highway Pipeline

Project Nears Completion

Kinder Morgan’s highly anticipated Permian Highway Pipeline Project is now nearly mechanically complete. The company also noted that mainline compression on the project is almost complete.

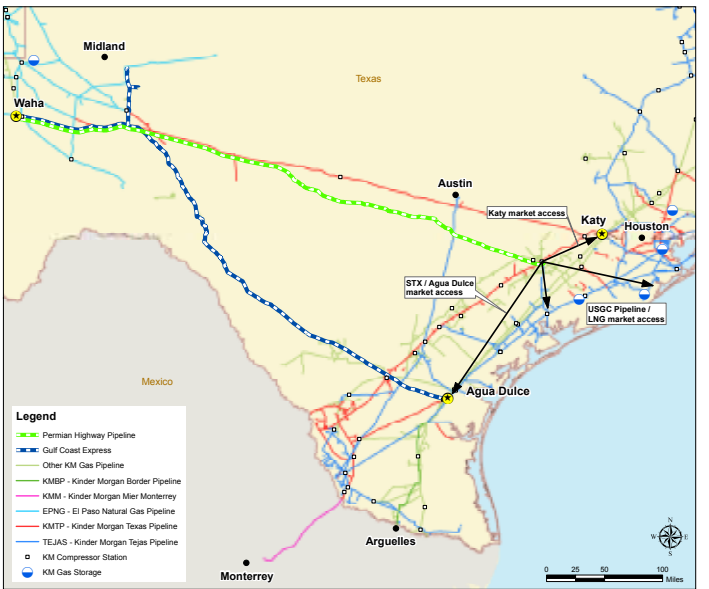
Inspectors with the Railroad Commission of Texas are continuing critical inspections of the Permian Highway Pipeline.

Pipeline Safety inspectors have conducted multiple inspections of pipeline installation and pipe yards. The inspections include but are not limited to welding, pipe transportation procedures, coating thickness inspections, backfilling of trenches; safety equipment operability, and materials records.

Kinder Morgan expects the US\$2 billion pipeline to go into service in early 2021.

The Permian Highway Pipeline Project will have a capacity of 2.1 bcf/d (59.4 x 106 m3/d) through approximately 425 miles of 42-inch pipeline. The project’s goal is to transport natural gas from the Permian Basin in west Texas to the US Gulf Coast. From there, natural gas can be shipped to Mexico,

which remains the largest source of US natural gas exports, or be cooled and condensed in the form of liquefied natural gas (LNG) for shipment to countries around the world.



Why Canceling Pipeline Projects Could Cost Farmers \$1 Billion

According to a new release posted by AgPro, canceling pipeline projects could cost farmers \$1 billion.

In June, a Supreme Court ruling cleared the way for several pipeline projects, but excluded the expansion of the Keystone XL pipeline. Another federal judge ordered Dakota Access to halt oil shipments pending a new environmental review.

While an appeals process is underway, closing that pipeline could pose problems for moving grain.

18 states filed an appeal in Washington D.C. in order to overturn a judge's decision to halt work on the pipeline. Arlan Suderman of Stone X Group Inc. says the pipeline helped ease pressure on an overloaded rail system in the north plains, specifically the Dakotas. Without that pipeline, Suderman fears more oil will need to be moved by rail, which means a busy rail system could mean weaker basis for farmers if rail cars become sparse.

"When we look at what it's about, it's better than a half million barrels per day, and maybe up to 600,000 barrels per day, that need to move," he says. "If you can't move it on the pipeline, because the judge is successful on shutting it down, most of it's going to go on rail, and that's going to squeeze out the grain industry."



Trump Weakens Major Conservation Law to Speed Construction Permits

On July 15, 2020, President Trump unilaterally weakened one of the nation's bedrock conservation laws, the National Environmental Policy Act, limiting public review of federal infrastructure projects to speed up the permitting of freeways, power plants and pipelines.

In doing so, the Trump administration claimed it would save hundreds of millions of dollars over almost a decade by significantly reducing the amount of time allowed for completing reviews of major infrastructure projects.

The president announced the final changes to the rule at the U.P.S. Hapeville Airport Hub in Atlanta, making the case that "mountains and mountains of red tape" and lengthy permit processes had held up major infrastructure projects across the country.

"All of that ends today," he said. "We're doing something very dramatic."

Enterprise Product Partners L.P.

Co-Loads Export Vessels at Houston Ship Channel Terminals in Industry First

Enterprise Products Partners L.P. announced that it has successfully loaded combination cargoes of natural gas liquids ("NGL") and Olefins on the same vessel. During the month of July, Enterprise completed the simultaneous loading of propane and polymer grade propylene into separate compartments on a VLGC at the Enterprise Houston Ship Channel terminal, as well as the simultaneous loading of ethane and ethylene on a vessel at its Morgan's Point facility. Both vessels were the first export cargoes of their kind from the U.S. Co-loading olefins on larger vessels with NGLs allows for more efficient use of available export dock capacity, while also providing significant freight benefits to petrochemical export customers.

"This landmark accomplishment was made possible by our integrated midstream network, as well as the creativity and determination of our employees," said A.J. "Jim" Teague, co-chief executive officer of Enterprise's general partner. "Loading ethylene and propylene on larger vessels from the U.S. Gulf Coast substantially lowers freight costs and allows U.S. Gulf Coast producers to supply distant markets, such as Asia, more competitively. Enterprise continues to apply its proven midstream model to petrochemicals. Our reliable midstream services, including pipeline transportation, storage, processing, and exports, provide flexibility and reliability to our petrochemical customers so they can focus on their unique competitive advantages."

Nominated to the "National Pipeliners Hall of Fame"

Bobby G. Wagner

Submitted by:
J. W. Morgan



Some people are larger than life, in ways that a picture will never tell.

Everyone has their heros for their individual reasons and there are not many of mine left to visit with, but this man is definitely the last of a breed that will never be recreated.

In case you do not know who he is, this is the world famous Bobby G Wagner. He is still the best welder that I have ever known. He made sure that I learned how to do things his way and that has been one of the best parts of my career. He was insistent that I break out welding, but I knew that was not the direction I wanted to go, but I did make a few welding tests and have enough experience to argue with the ones who learned how to inspect welds off a computer.

The most important part though, this man is the source of all those colorful stories which we will not print here.

Once in 100° weather, with what seemed like 150% humidity, we were on opposite sides of 60" x.865 casing pipe.

It seemed like a never ending crater to fill. There were no smoke breaks or BS sessions with my father around. I of course am playing catch up to a man twice my age who is evermore fogging iron into this canyon of a bevel.

I am hungover. I want a smoke. Finally found the bottom... again. I spring back up to the top, light a Camel off my arc and try to enjoy it. Then I hear this commotion of laughter. I raise my hood, he's laughing and welding at the same time. No one else is down in this 20' deep bore pit, but us. So I asked, "Bobby, what the hell you got going on over there?" He raised his hood, looking up with a big grin, about like a cheshire cat, chewing on a cigar the size of a rolling pin and simply said "I told myself a joke.... AND IT WAS FUNNY!" He's crying laughing and instantly back to being a walking steel mill.

Now imagine if you were trying to hold a conversation in between a sawmill and jet engine....you would not miss a word of this man's booming voice.

He's 82 now. He is a lifelong 798 member who broke out in 1957 - which led to he and my grandfather (G. G. Morgan) meeting with him - becoming a lifelong friend to my family. He has been to every wedding, including driving my grandfather to mine. He has been to many more funerals. He has been there with me to bury them all, for the most part.

Here's to hoping he stays with me to see the next chapter.

Keith Layrock

Submitted by:
Tony Layrock



I would like to say that my dad Keith Layrock was one of the great pipeliners, but he wasn't alone. I worked in the pipeline industry for over 42 years. I am not that old - I started when I was 15. When I retired I had almost a thousand names in my address book. All the men and women that were in my address book were top hands because if you weren't a top hand you didn't go in my book. I know there are a lot of top

hands that weren't in my book but that is only because I didn't have the pleasure of meeting you. I know there were a lot that though. I was hard to work for, but I wasn't looking for friends. I wanted men and women that were the best at what they did. When you worked for me you weren't a welder, helper, laborer, operator, teamster or if you worked in the office, you were the best there was. I wish I could name each and every one of you but there's just too many. I had a lot of great mentors growing up on the pipeline and many more great hands that worked for me. I know we are living in troubled times, but remember if you are a part of this great big pipeline family, you are truly blessed - as I am blessed. Never forget to give God the glory and praise for what you have. God Bless each and every one of my pipeline family and pray for this great country we live in. God Bless America.



Morgan Stifeil stopped by Many, Louisiana and visited with Larry Rice and picked up a melon and a cantaloupe. Larry has a stand in Many every year.



Sharon Ross is happy to announce the birth of her newest grandson, Hank Edwin.



Harold Gene Wells giving his grandson a welding machine.



Thelbert and Wanda Barnes



Congratulation Ms. Lydia Givens on your retirement!





Services for **Cody Lee Gibbs**, 34, Asst. Superintendent for Lonestar Pipeline Contractors, Inc. were held July 21, 2020, at the Erath County Cowboy Church with Werth Mayes officiating. Burial followed at Simpson Cemetery in Eastland County. Cody was born in Clifton, Texas on January 29, 1986 to Paul and Lee Ann (Olliff) Gibbs. He married Patricia Ann Drew on April 14, 2007, in Erath County. Cody was a member of the Texas Labors Pipeline Union, and the Operators Pipeline Union. He is survived by his wife, Patricia Ann (Drew) Gibbs of Hico, TX; children, Caden and Brooklyn Gibbs of Hico, TX; maternal grandmother, Donna Sampson of Granbury, TX; brother, Toby Gibbs of Hico, TX; father and mother in law, Edward and Mary Drew of Stephenville, TX; and numerous aunts, uncles, nieces, nephews, cousins, friends, and his pipeline family.

Gerald E. Calhoun, age 75 of the Green Hill Community in Drew County, passed away June 23, 2020, at his home. He was born April 6, 1945, in Wilmar, AR to the late A. L. Calhoun and Thelma Miles Calhoun. He was a retired pipeliner and heavy equipment operator, United States Army Veteran of the Vietnam War and was a member of Wilmar Baptist Church. He was a member of the Wilmar Hunting Club and Pipeliner's Union Local 624 in Jackson, MS. In addition to his parents, he was preceded in death by a daughter, Lissa Calhoun Pierce; a brother, Johnny Calhoun; and a sister, Peggy Calhoun Lasiter. Survivors include his wife of 52 years, Jo Beth Jolley Calhoun of Green Hill; one son, Jeremy Calhoun and wife Jennifer of Wilmar; two brothers, Ralph Calhoun and wife Lois of Monticello and Jim Calhoun and wife Diane of Wilmar; four sisters, Wanda West of Warren, Barbara Beaty and husband Al of Monticello, Sandra Parker of Woodlawn and Judy Tipton and husband Lynn of Greenbrier; six grandchildren, Codie Martin, Makenzie Pierce, Mallory Clavett, Cagan Calhoun, Phillip Stephenson and Josh Pierce; and one great grandchild, Amelia "Millie" Martin. Gerald was an avid hunter, fisherman and cook. Gerald was one of a kind, in that he was loved by a multitude of friends from all around the United States. Above all, Gerald loved spending time with his wife, children, grandchildren and adored his great granddaughter. Gerald was nothing short of a family man, gentleman and a hero. Memorials may be made to Wilmar Baptist Church. Online guestbook at www.stephensondearman.com.



Sherry Welch, born March 1, 1938 in Tenaha, TX, entered eternal life on July 12, 2020. She was 82 years old. Sherry was a member of the Church of Christ. She loved her family and adored her grandchildren and great-grandchildren. She traveled a lot with her husband through his pipeline work

and enjoyed going to flea markets and casinos as well as playing bingo and sewing. She was preceded in death by parents, Buck and Era Watkins; brothers, Thomas and Don Watkins; and daughter-in-law, Mabelle Welch. Left to cherish Sherry's memory are her husband of 61 years, Philip "Flop" Welch of Frankston; her children, Phil Welch and wife Cindy of Frankston, Scott Welch, and Amy Porter and husband Ron, all of Frankston; and sister-in-law, Genova Christian of Longview. She is also survived by grandchildren, Trey Welch (Meredith), Tate Welch (Kaitlyn), Tanner Welch (Emily) Hunter Welch, Connor Welch, Sutton Vera (Joab) Piper Wynns and Zane Porter; 14 great-grandchildren, and several nieces and nephews. Pallbearers were her grandsons Zane Porter, Trey, Tate, Tanner, Hunter and Conner Welch. Memorials may be made to Heart to Heart Hospice 7925 S. Broadway Ave. Suite 1140, Tyler, Texas 75703.



Funeral services for **Brent Michael Butler**, a resident of Mer Rouge, LA, were held July 23, 2020. Mr. Butler passed away July 15, 2020, at the age of thirty. Brent was a member of the Pipeliners Local Union 798 out of Tulsa, OK, where he worked as a Journeyman. Brent is survived by his wife, Skylar Butler of Downsville, LA; children, Lexie Rae Butler and Ledger Waylon Butler; father, Edwin Johnson (Michael) of Greensboro, NC; mother, Shannon Kellick (Randy) of Mer Rouge, LA; paternal grandparents, Edwin and Martha Johnson of Bastrop, LA; maternal grandparents, Tommy Ray and Phyllis Butler of Mer Rouge, LA; great grandmother, Mrs. William E. Adams of Bonita, LA; sister, Hannah Alexis Grissom of Mer Rouge, LA; brother, James Tanner Kellick of Mer Rouge, LA, and niece, Ford Bader, of Bastrop, LA.. Serving the family as pallbearers were Clark Turner, Jack Henry Turner, Sterling Turner, Tanner Kellick, Chip Bower, and Jonathon Bader. Honorary pallbearer was Patrick Golden.



Wayne Herring, 87, of Gosport, passed away peacefully at home on Thursday, June 4, 2020. He was born in Drew County, Arkansas on April 17, 1933 to William and Annie Mae (Webb) Herring. Wayne graduated from Wilmar High School in Arkansas. He married Doris Anna Moore on August 20, 1953. Wayne was a heavy equipment operator. He helped build the Trans-Alaska Pipeline and was a 65 year member of the International Union of Operating Engineers. Wayne loved his family and enjoyed spending time with his children, grandchildren, great grandchildren and cats Belle and Jack. Wayne is survived by his loving wife of 66 years, Doris Herring of Gosport, IN; five children, Diane (Jimmy) Newton of Connersville, IN, Becci (Robert) Mellin of Cary, NC, Lee Lincoln of Spencer, IN, Melanie Marshall

of Asheville, NC and Alan Herring of Madison, IN; brother, Wilbur Herring of Water Valley, MS; sister Joy Herring of Arkansas; eight grandchildren, fifteen great grandchildren, and many nieces and nephews. He was preceded in death by his parents, five brothers Hugh, Gerald, Paul, Doyle and Lloyd Herring; and grandson Parker Hudson.



Mildred Rugene Lewis left this life on the first day of July, 2020 after a brief illness. Mildred was born on the 15th day of December 1923 to Virgil Jackson Carter and Callie Idell (Wolfe) Carter. She was one of four children, one of which survives her, Neva Jo Beck of Satellite, Florida. Her brother, Verdell Carter and her sister, Maxine Carter both precede her in death. She leaves behind several nieces and nephews who she dearly loved. Mildred was married to W.H. "Bill" Lewis for 61 years. He preceded her in death on September 25, 2005. Life for them was a wonderful adventure on the pipeline, moving around meeting lots of people they would call friends. Bill eventually started his own company out of Okmulgee where Mildred and Priss would run parts for Bill. "Miss Priss" in case you are wondering, was their four-legged kid they loved dearly. In fact, Mildred wrote a book about her precious Priss. It was about this time they built the ranch in Porter. They had a sweet life there. Bill bought Mildred a couple of donkeys. They were so happy. When it became too much for Bill and his health, he moved Mildred to Broken Arrow, where he designed and built her a home in Eagle Creek. Mildred always loved family and friends but Bill came first. She never made any bones about who was first in her life. She told me that her one goal in life was to join her sweetheart in heaven so they could pick right up where they left off.



Benjamin "Gail" Sample, 83, passed away Friday, May 29, 2020 at his home in Montgomery, TX surrounded by his loving family after a long battle with dementia. Gail was born on December 31, 1936 to Harry and Clara Sample in Advance, MO. He graduated from Advance High School where he excelled at basketball, setting a record for scoring the most points in a single game. After high school, he began his career working on the pipeline. His attention to detail and knowledge of the industry brought him much success throughout his career. Those that knew Gail on the pipeline had tremendous respect for his skills and expertise, some even honor him to this day as "Pipeline Royalty." He began as a helper, immediately became a welder and then finished as a Foreman for the majority of his pipeline career and that is where he gained loyalty from those within the union and across the country. Gail served as a member of Pipeline Union 798 out of Tulsa Oklahoma for 64 years. His work had him travel all over the country,

but he raised his family in Northwest Ohio with their mother Lilly McGill. Not only did Gail become successful as a pipeliner, but later in his career, he used his work ethic to expand into other areas that included business ventures in Gibsonburg, OH and the surrounding area. To this day, Gail's Party Shoppe remains successful as a legacy effort which is now owned by his daughter. Among Gail's many achievements, his family brought him his greatest joy. Although he called Texas home, he continually came back to Ohio to be with his children, grandchildren, and great-grandchildren. Visits were filled with family gatherings, meals at any restaurant that could accommodate his large family, and lots and lots of conversation. Gail's children include Steve (Angela), Mike (Julie), Dave (Robin), Scott, Laura (Mark Keller), and Keith (Mary) along with stepchildren Chris Mendoza, Sonia Jennings (Jerry) and Anthony Mendoza. He has 20 grandchildren and 7 great-grandchildren. Gail's siblings were also an important part of his life, Hope (Lou Lorch), Nell (Charles Easterwood), Sally (Bob Parker), Bruce (Neysi), Grant (Betty), Beverly (Al Jacobs), but no one influenced him as much as his wife, Blanca. His children find comfort knowing that he is finally back with her as she was the love of his life and is credited with turning a by-the-books, strict southerner into a gentle man. Gail was preceded in death by his sisters, Fern, June and Dixie.



Gabriel "Gabe" Thomas Edwin Cartwright, 29, of Evansville, Indiana, passed away unexpectedly on Tuesday, June 23, 2020 in Indian Harbour Beach, Florida. Gabe was born in Evansville, Indiana on April 6, 1991. He attended Castle High School and was employed as a foreman at Miller Pipeline and also worked part-time at Feller Towing. Gabe was a volunteer fire fighter (Ohio Township) since he was 18 years old and was a certified rescue diver for the state of Indiana. With his infectious sense of humor, Gabe could put a smile on anyone's face and had a heart the size of the universe. With a servants heart, he would help anyone that was in need and would give you the shirt off his back if needed. Gabe was a handyman and could fix anything. His greatest joy came from spending time with his family, especially his two girls. Gabe is survived by his wife of almost seven years, Rachel Cartwright and his two precious daughters, Kylie Cartwright and Alexis Cartwright, all of Evansville, IN; his mother, Joy (Tapp) Baggett of Newburgh, IN; his father, William "Farley" Cartwright (Lisa); siblings, Nick Wilke, Travis Wilke (Teagen), Casie Quinn (Josh), Corrie Gann, Stephanie Osborne, Tiffanie Warzecha (Mark), Zoey Cartwright and Norah Cartwright; father and mother-in-law, Roger and Linda Burden; brother-in-law, Justin Burden; brother and sister-in-law, Shawn Burden (Sasha); grandparents, Dave and Faye Hollingsworth; and several nieces and nephews. Gabe was preceded in death by his

paternal grandfather, William "Bill" Cartwright; paternal grandmother, Virginia Cartwright; maternal grandmother, Elsie "Gandy" Tapp; and step-father, James "Jim" Baggett



William Edwin Meuser of Springdale, Arkansas was born on August 27, 1932 in Champaign, IL to Herman P. and Viola (Barringer) Meuser. He passed away on June 9, 2020 at Washington Regional Medical Center in Fayetteville, Arkansas at the age of 87 from COVID-19. Bill was laid to rest in a private graveside service at Maplewood Cemetery in Rantoul, IL on Saturday, June 27, 2020. A Celebration of Life Memorial Service will be held at a later date in Arkansas for family and friends. Bill married Norwista Gault in Wichita Falls, Texas. They were blessed with a daughter Cinda Freitas on February 4, 1958. Norwista passed away in February of 1971. In December of 1973, he met Pansy Bolain Gastineau. They were together for 47 years until his death. Bill was a proud Veteran having served in the U.S. Army for 2 years. After the Army, Bill worked on pipelines across the United States operating heavy equipment. It was during this time he picked up the nickname "Yank" and most old timers still called him that. He owned and operated Meuser Material and Equipment, which started with him moving the earth to build large projects in Northwest Arkansas. Eventually he changed the business to buying and selling heavy equipment parts. Bill and Pansy traveled all over the world buying heavy equipment parts for the business. They were both avid travelers and at the age of 51 Bill obtained his pilot's license and a plane. Bill was involved with many fund raising projects around the Northwest Arkansas area and was awarded The Man with 40,000 Sweethearts from Beta Alpha Chapter of Epsilon Sigma Alpha. He was a 32nd Degree Mason and involved with the Elks Lodge. He loved doing large barbeques for family and friends, politics, roller skating, dancing and going to the casino. He is survived by his daughter, Cinda Freitas of Fayetteville, AR; Pansy's children Brenda (Dennis) Williams of Weatherford, OK, Gwen (Robert) Edmundson of Pea Ridge, AR, and Wayne (JoAnna) Gastineau of Rogers, AR. His nephew Fred (Lisa) Magers of Paxton, IL who was more like a son to him and nephews Chuck Magers of Vallejo, CA., Chris Meuser of Wake Forrest, NC and Greg Meuser of Florida. Also surviving are grandchildren Christopher Freitas of Palm Springs, CA, Laurin Dragomire of Mexico and Christopher Elderton of Springdale, AR. He is also survived by Pansy's grandchildren and great grandchildren. He was proceeded in death by his parents, brother James Meuser, daughter Melinda Meuser, daughter Linda Elderton, and brother-in-law Elmer Magers. After Bill passed away on June 9, 2020, Pansy also died from COVID-19 on June 12, 2020 and his sister DeLoris Meuser Magers followed them in death from COVID-19 on June 16, 2020.

Frederick Propp, 91, of Grand Junction, died June 18, 2020, at HopeWest Hospice. He was superintendent in pipeline industry. No services planned.



Jean Raoul Rivard, 58, of Windsor Locks, beloved husband of Louise (Golfieri) Rivard, passed away peacefully surrounded by family in his home on Saturday, July 11, 2020. Born in Edmonston, Canada on November 6, 1961, he was the son of the late Jean Eudes and Hilda (Roy) Rivard. Jean grew up in East Hartford and Enfield, lived in Coventry for many years as an adult, and has lived in Windsor Locks for the past 10 years. He was a proud US Navy veteran, serving from 1980-1981 before being honorably discharged. Jean was a longtime member, past Grand Knight, and 4th Degree member of the Knights of Columbus, as well as a communicant of St. Mary Church, Windsor Locks. Jean was employed with Connecticut Natural Gas from 1985-2017 as a Manager of Construction and Distribution and then worked for Progressive Pipeline Management as the Vice President of the Northeast Region. Besides his beloved wife Louise, he is survived by 2 sons, Michael Rivard and his wife Ananta of San Jose, CA, and Robert Rivard of Windsor Locks; 2 grandchildren, Eleanor and Karuna Rivard; his beloved dog Presley; 8 siblings, Ann, Doris, David, Denise, Ginette, Francois, Mary, and Michelle; as well as many nieces, nephews, aunts, uncles, cousins, and friends in the US and Canada.



Dave Alan Williams, 57, of Eufaula, passed away June 8, 2020, in Eufaula after a long battle with cancer. Dave was born on March 22, 1963, in Muskogee, Oklahoma, the son of JD and Bonnie Sue Williams. He attended grade school in Stidham and graduated from Eufaula High School in 1981. He received an associates degree from Northeastern State University in 1983. Dave traveled the U.S. for many years working as a pipeline inspector. He was married to Barbara Joyce Gerard for twelve years. Survivors include: his mother, Bonnie Sue Williams of Eufaula; his daughters, Emily Adelaide Williams and Mariah Allison Williams both of Eufaula; his son, Gregory Alan Storm; his daughter-in-law, Jenny Curtis; his sisters, Carol Campbell and husband Brad of Eufaula, Vicki Efurd and husband Jerry of Eufaula; his grandchildren, Addison Headrick, Ayden Storms, Taylen Storms, Haven Curtis and Alex Curtis; and a host of nieces and nephews. He is preceded in death by his father, JD Williams and his nephew, Hudson Campbell.

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