

Argus Natural Gas Americas Trading Locations

East

Algonquin Citygates (daily and bid week)

Deliveries from Algonquin Gas Transmission to citygates in Massachusetts, Connecticut and Rhode Island.

Algonquin receipts (daily only)

Receipts into Algonquin Gas Transmission. Receipt points include: in New Jersey, Texas Eastern Transmission at Lambertville and Hanover; Transcontinental Gas Pipeline at Centerville, Columbia Gas Transmission at Hanover; Tennessee Gas Pipeline at Mahwah; in New York, Columbia Gas at Ramapo; in Connecticut, from Tennessee Gas Pipeline at Cheshire and Iroquois Gas Transmission at Brookfield; and in Massachusetts, Tennessee Gas Pipeline at Mendon and Maritimes & Northeast at Beverly.

Clarington (daily and bid week)

Deliveries from the Rockies Express Pipeline to Dominion Transmission, Dominion East Ohio and Texas Eastern Transmission at Clarington. Deals from Clarington into Dominion will only be included in the Clarington index and not in the Dominion South index.

Col Gas, Appalachia (daily and bid week)

Deliveries into Columbia Gas Transmission pipeline north of Leach, Ky. Included are TCO Interruptible Paper Pool and TCO Segmentation Pool. Although the pipeline's definition of the pool is west of the Lanham compressor station in Kanawha County, W.Va., gas traded at this virtual point can be delivered as far north as western New York.

Dawn, Ontario (daily and bid week)

Transactions at the Dawn market hub on the Union Gas local distribution system in Ontario.

Dominion, North Point (daily only)

The North Point is designated as being north of the Valley Gate, Pa., junction up to the Schenectady area of New York on Dominion Transmission.

Dominion, South Point (daily) and Dominion Appalachia (bid week)

The South Point index comprises deliveries south of the Valley Gate, Pa., junction on two Dominion pipelines originating in West Virginia and Ohio.

Dracut (daily only)

Deliveries at the Tennessee Gas Pipeline and

Maritimes & Northeast Pipeline interconnect at Dracut, Massachusetts, including gas from Portland Natural Gas Transmission.

Iroquois, Waddington (daily and bid week)

Includes deliveries at the Waddington, N.Y., interconnect with the TransCanada mainline at the Canadian border into the Iroquois system.

Iroquois, zone 1 (daily only)

Zone 1 includes deliveries south of the Waddington receipt point at the interconnect with the TransCanada mainline on the Canadian border up to and including the Wright compressor station in Delanson, New York. Receipts at Waddington are included in the Iroquois, Waddington index.

Iroquois zone 2 (daily and bid week)

Zone 2 on Iroquois Gas Transmission commences south of the Wright compressor station in Delanson, N.Y., and terminates at the Hunts Point area of Bronx County, N.Y.

Lebanon (daily and bid week)

Deliveries into or receipts from any of the following pipelines in the Lebanon, Ohio, area: Texas Gas Transmission, ANR Pipeline, Texas Eastern Transmission, Panhandle Eastern, Columbia Gas Transmission, Dominion Gas Transmission and Rockies Express Pipeline.

Leidy Hub (daily and bid week)

Transactions done near the Leidy storage facility in Clinton County, Pa, from and into Columbia Gas Transmission, Dominion Transmission, National Fuel Gas Supply, Texas Eastern Transmission and Transcontinental Gas Pipeline.

Niagara (daily and bid week)

Deliveries from TransCanada's mainline into the Niagara Spur Loop Line, a pipeline operated by Tennessee Gas Pipeline in Niagara County, N.Y. Deliveries are either to Tennessee or National Fuel Gas Supply.

TGP zone 4 Ohio (daily and bid week)

Includes receipts into Tennessee Gas pipeline's 200 line in market zone 4 in Ohio from Scioto County to Mahoning County. Transactions comprising gas from local production, Gulf coast production, interconnects with other pipelines and storage withdrawals are included.

TGP zone 4 Marcellus (daily and bid week)

Includes receipts in Pennsylvania on the 300 line between compressor stations 315 and 321.

TGP zone 6 (daily and bid week)

Zone 6 on Tennessee Gas Pipeline comprises Connecticut, Massachusetts, New Hampshire and Rhode Island.

TETCO M-2 (daily and bid week)

The index will comprise deliveries or receipts in market zone 2 of Texas Eastern Transmission, specifically: on the 24-inch line, from the interconnection at the Illinois-Indiana border near Southern Indiana Electric & Gas to the terminus of the line east of Sarahsville, Ohio; and on the 30-inch line, from the Kentucky-Tennessee border to the terminus of the zone in western Pennsylvania.

TETCO M-3 (daily and bid week)

Zone M-3 on Texas Eastern Transmission commences at the Delmont compressor station in Westmoreland County, Pa., and terminates in New York City. Zone M-3 does not include transactions at the Leidy storage facility.

Transco zone 5 (daily only)

Includes receipts into the pipeline in the area between the Georgia-South Carolina border, upstream of the suction side of station 140 located at Moore, South Carolina, and the Virginia-Maryland border, downstream of the discharge side of station 185 at Bull Run, West Virginia. Includes stations 145, 150, 155, 160, 165, 170, 175, 180, 185. Deliveries from Dominion's Cove Point LNG terminal are not included.

Transco zone 6 nonNY (daily and bid week)

Deliveries into Transcontinental Gas Pipeline at the beginning of zone 6 at the Virginia-Maryland border, and generally in a northeast direction to points upstream of the Linden, N.J., interconnect with Texas Eastern Transmission. Also included are deliveries from the 24-inch pipeline that extends westward from the main pipeline at Station 505 in New Jersey, to the Leidy station (No. 535) near the Wharton, Pa., gas storage facility.

Transco zone 6 non-New York does not include deliveries into Public Service Electric & Gas, Keyspan Energy and Consolidated Edison Co. of New York because their supply is taken out of the pipeline downstream of Linden.

While Transco zone 6 non-New York is not a recognized tariff definition, it is a recognized in sales and purchases because most shippers pay a premium to move supply in zone 6 because of limited transmission capacity downstream of Linden.

Transco zone 6 NY (daily and bid week)

Includes all New Jersey and New York natural gas deliveries downstream of the Linden compressor station in Linden, N.J, to the New York citygate, including those to Public Service Electric & Gas, Keyspan Energy and Consolidated Edison Co. of New York.

Gulf/TexasAgua Dulce (daily only)

Transactions done at the Agua Dulce Hub operated by ConocoPhillips in Nueces County, Texas. The hub connects the following pipelines: Houston Pipe Line, Gulf South Pipeline, Kinder Morgan Texas Pipelines, Natural Gas Pipeline Co. of America, Transcontinental Gas Pipeline, Tennessee Gas Pipeline, TransTexas Gas and EPGT Texas.

ANR, Louisiana (daily and bid week)

Deliveries into ANR Pipeline's southeastern zone on either of two laterals starting offshore Louisiana. The laterals are the offshore east lateral, which brings gas through the Patterson, La., compressor station, and the offshore west lateral, which starts with the High Island Offshore System and brings gas through the Grand Cheniere compressor station. The zone for the index terminates at the Eunice station in Louisiana.

Carthage (daily and bid week)

The Carthage hub in Panola County, Texas, owned and operated by DCP East Texas Holdings.

Columbia Gulf, La (daily and bid week)

This posting comprises the two south Louisiana lateral lines of Columbia Gulf Transmission onshore south Louisiana. The East Lateral delivers gas at Rayne from Venice, La., the onshore receipt point for gas produced offshore. The West Lateral includes receipts from points starting at Cameron, La., eastward to Rayne, and receipts of gas from offshore.

Columbia Gulf Mainline (daily and bid week)

The Mainline System begins at the Rayne compressor station near Lafayette, La., and ends at Leach, Ky.

Florida Gas zone 3 (daily and bid week)

Receipts into Florida Gas Transmission downstream of compressor station 10 in Stone County, Mississippi, to the zone boundary in Santa Rosa County, Florida. Zone 3 receipts upstream of station 10 will be excluded from the index, since the overwhelming majority of transactions reported to Argus are in and around the Mobile Bay area, as will receipts at compressor station 12.

Gulf South Pipeline (daily only)

The Gulf South Pipeline index includes transactions only done on the "legacy" portion of the system. Gulf South Legacy would comprise receipts in Areas 1-15, and exclude receipts in the Expansion portion of the system in Areas 16-19. This index was changed from a system-wide index in August 2011.

Gulfstream Natural Gas (daily only)

Comprises receipts into the Gulfstream Natural Gas System in the Mobile Bay area at the following points:

Southeast Supply Header at Coden, Alabama; Destin Pipeline at Jackson County, Mississippi; Williams' Transcontinental Gas Pipeline Mobile Bay facilities; Gulf South Pipeline; the Exxon processing plant; the Mobil Mary Anne field; the DCP Midstream processing plant (formerly known as Duke Energy Field Services); Dauphin Island Gathering Partners' Rock Road interconnect, and the interconnect with Transco at Coden, Alabama.

Henry Hub (daily and bid week)

The Henry Hub is located at Sabine Pipe Line's Henry Gas Processing Plant in Vermillion Parish, La. The hub interconnects the following pipelines: Acadian Gas Pipeline, Columbia Gulf Transmission, Dow Pipeline, Jefferson Island Storage Hub, Gulf South Pipeline, Natural Gas Pipe Line, Sea Robin Pipeline, Southern Natural Gas, Texas Gas Transmission, Transcontinental Gas Pipeline, Trunkline Gas and Sabine's mainline.

Houston Ship Channel (all) (daily and bid week)

The Houston Ship Channel (all) index includes transactions for all deliveries on intrastate pipelines in the Houston Ship Channel, an area from the north end of the Galveston Bay to the channel's turning basin. The index also includes transactions at any virtual meter and paper pool and purchases by end-users at physical locations in the area.

Houston Ship Channel HPL (daily and bid week)

The Houston Ship Channel in Houston, Texas, is part of the Port of Houston.

The Argus Houston Ship Channel HPL index includes transactions at Houston Pipe Line Company HSC Pool Meter 098-7342. Houston Pipe Line Company charges a transportation premium to deliver gas from Meter 098-7342, which is a virtual trading point, to other meters in the ICE pool. This index was narrowed from including all transactions done at HPL's wider ICE pool in August 2011.

Katy Hub (daily and bid week)

Enstor's Katy Storage Hub. Receipts and deliveries may be made from Tennessee Gas Pipeline, Oasis Pipeline, Transcontinental Gas Pipeline, Natural Gas Pipe Line, Dow Pipeline, KM Texas Pipeline, Houston Pipe Line, Duke Energy, KM Tejas Pipeline, Atmos Texas Pipeline, Gulf South Pipeline and the Houston Ship Channel. Deliveries can be made to Trunkline Gas.

NGPL, South Texas zone (daily and bid week)

NGPL's South Texas zone includes all receipts into the pipeline starting in Jim Hogg County, Texas, and downstream to compressor station 302 in Montgomery County, Texas.

Pine Prairie (daily only)

The Pine Prairie index covers deliveries to and receipts from the Pine Prairie Energy Center, a salt cavern storage facility in Evangeline Parish, La.

SoNat La (daily and bid week)

Receipts into Southern Natural Gas Company's zone 0 in Louisiana, which includes deliveries from three pipeline laterals in the state. The first eastern lateral begins at Plaquemines Parish in eastern Louisiana and extends northwest to an interconnect with the western pipeline lateral at Washington Parish near the Louisiana-Mississippi border. The second western Louisiana lateral runs from St. Mary Parish in southern Louisiana to Washington Parish, while the third lateral extends from the Texas-Louisiana border at Desoto Parish, including the Logansport compressor station, running northeast to the Mississippi border at East Carol Parish in northern Louisiana.

TETCO E La (daily and bid week)

Receipts from the Opelousas compressor station in east Louisiana, northward to points south of the Kosciusko compressor station in Mississippi. Deliveries into the 30-inch Venice line, which runs from the offshore Gulf of Mexico to the New Roads compressor station, just downstream of the Opelousas station in St. Landry Parish, La., are also included in this zone.

TETCO ETX (daily and bid week)

Receipts into Texas Eastern Transmission on the 24-inch line from the Huntsville compressor station in Texas to the Little Rock station in Arkansas.

TETCO M-1 24 (daily only)

TETCO M-1 24, which is the 24-inch line in market zone 1 of Texas Eastern Transmission. This segment line runs from the Little Rock, Ark., to Princeton, Ind., compressor stations. The bid week series was discontinued on March 1 2012.

TETCO M-1 30 (daily and bid week)

Deliveries at the Kosciusko compressor station in Mississippi into the 30-inch line. The station is located approximately five miles southeast of Kosciusko in Attala County.

TETCO South Texas Zone (daily and bid week)

The South Texas zone comprises receipts in the following pipelines: the 30-inch line, which commences at the Mexico-Texas border and proceeds east to connections west of the Vidor, Texas, compressor station; and the 24-inch pipeline that runs from the Hagist Ranch compressor station to points south of the Huntsville compressor station.

TETCO W La (daily and bid week)

Receipts into the pipe from the Vidor, Texas, compressor station up to, but not including, the Opelousas, La., station. The Cameron Line is included.

TGP La 500 Leg (daily and bid week)

Includes all points of receipt into the pipe's 500 Leg in zone 1 in southeast Louisiana which are south of station 534 in Purvis, Miss. Also included are all receipt points east of mainline valve 515 in Centerville, La., and receipt points

east of Vermillion 245C on the Blue Water Header System in the Gulf of Mexico.

TGP La 800 Leg (daily and bid week)

Includes all points of receipt into the pipe's 800 leg in zone L south of compressor station 834 in Winsboro, Louisiana, including all points of receipt on the west side of the mainline valve 515 in Centerville, Louisiana. Also included are all points of receipt west of Vermillion 245C on the southwest and west leg of the Blue Water Header System in the Gulf of Mexico as well as all points of receipt on the Kinder-Sabine Line No. 800-1, and all points of receipt on Linder-Natchitoches Line No. 510-1 south of Station 40 in Natchitoches, Louisiana.

TGP zone 0 North (daily and bid week)

Tennessee Gas Pipeline's 100 Leg in zone 0 North or pooling point 020826 begins at East Bernard, Texas at station 17 and extends north to the Natchitoches compressor station 40 in Louisiana. FERC approved the bifurcation of Tennessee's zone 0 pool into two zones on July 16 and it took effect November 1 2009.

TGP zone 0 South (daily and bid week)

Tennessee Gas Pipeline's 100 Leg in zone 0 South or pooling point 005345 begins at station 17 at the Texas border with Mexico and extends to the East Bernard compressor station 17 in Wharton County. FERC approved the bifurcation of Tennessee's zone 0 pool into two zones on July 16 and it took effect November 1 2009.

TGT zone SL (daily and bid week)

Receipts into Texas Gas Transmission in south Louisiana from offshore segments in the Gulf of Mexico, as well as from two south Louisiana laterals which converge at the Eunice compressor station. A southwest lateral extends from Grand Chenier, offshore in the Gulf of Mexico to Eunice, while a southeast lateral commences at offshore points in southeastern Louisiana and terminates at Eunice. Zone SL continues north of Eunice to the beginning of Texas Gas' zone 1 in Rapides Parish.

TGT zone 1 (daily and bid week)

Deliveries into Texas Gas Transmission starting south of the Pineville compressor station in Rapides Parish, Louisiana, continuing northeast to the beginning of zone 2 in Crockett County, Tennessee. TGT zone 1 has interconnects with ANR, CenterPoint Energy, Crosstex, Mississippi River Transmission, Regency Intrastate Gas, Reliance Energy, Southern Natural Gas, Texas Eastern Transmission, Trunkline and Gulf South.

Transco zone 1 (daily and bid week)

This zone on Transcontinental Gas Pipeline includes receipts at or south of the pipeline's compressor station No. 30 in Wharton County, Texas. The zone also includes Transco's 24-inch mainline from Wharton to Hidalgo County, Texas, the 24-inch McMullen lateral that commences in McMullen County, Texas, and offshore Gulf

of Mexico production from the Padre Island and Central Texas Gathering System Laterals. The zone includes stations 4, 5 and 20.

Transco zone 2 (daily and bid week)

This zone on Transcontinental Gas Pipeline includes receipts at all facilities located north of the pipeline's compressor station No. 30 in central Wharton County, Texas, up to and including compressor station No.45 in Beauregard Parish, La. Also included in this zone are receipts into Transco's Southwest Louisiana Gathering System, North High Island System and Transco's facilities upstream or in the vicinity of the High Island Offshore System and the U-T Offshore System. The zone includes stations 35 and 40.

Transco zone 3 (daily and bid week)

This zone on Transcontinental Gas Pipeline includes receipts on all facilities located north of the compressor station No. 45 in Beauregard Parish, La., up to and including compressor station 65 at St. Helena Parish, La. Also included are deliveries into Transco's Central Louisiana Gathering System and the Southeast Louisiana Gathering System. The zone includes stations 50, 60, 62 and 63.

Transco zone 4 (daily and bid week)

This zone on Transcontinental Gas Pipeline includes receipts on facilities located north of compressor station 65 at St. Helena Parish, La., to the Georgia-South Carolina state boundary, excluding all of Transco's facilities located in Zone 4A. The zone includes stations 70, 80, 90, 100, 105, 110, 115, 120, 125 and 130. The index also includes deliveries from BP's Destin pipeline. Zone 4A includes all of Transco's facilities located on the Mobile Bay Lateral north of compressor station 82 to an interconnection with Transco's mainline near Butler in Choctaw County, Ala.

Trunkline, E La (daily only)

The pipe's East Louisiana zone includes receipts at Terrebonne Parish from offshore Gulf of Mexico gas production facilities. The zone extends north and west from the Patterson compressor station in St. Mary Parish to just east of the Kaplan compressor station in Vermillion Parish, the demarcation line between east and west Louisiana on Trunkline.

Trunkline, W La (daily only)

Deliveries at the Kaplan compressor station in Vermillion Parish are included in this zone. The pipe's West Louisiana zone includes receipts from an offshore Gulf Coast lateral that delivers supply to Kaplan, where it joins a second lateral. The pipeline in this zone proceeds to just south of the Longville compressor station in southwestern Louisiana.

Trunkline, La (bid week only)

The monthly Trunkline index incorporates both Trunkline East Louisiana and West Louisiana deliveries. This index

comprises all receipts in the state upstream of the Longville compressor station.

Trunkline Z1A (daily only)

Trunkline zone 1A extends from the Longville compressor station in Louisiana to the Dyersburg station in Tennessee. Transactions done at the zone 1A pool are also included.

Midcontinent

Alliance, into interstates (daily and bid week)

Deliveries from the Alliance Pipeline into ANR Pipeline, Natural Gas Pipe Line, Midwestern Gas Transmission and Vector Pipelines at the Aux Sable station in Illinois.

ANR ML7 (daily and bid week)

ANR Pipeline's northern zone, called ML7, commences at the Sandwich compressor station in Illinois and proceeds to Wisconsin, Michigan and Ohio. The northernmost point is the Crystal Falls station in Wisconsin. The ML7 zone comprises an area east to the Defiance station in Ohio and to the Orient storage field in Michigan.

ANR, Oklahoma (daily and bid week)

Receipts in ANR Pipeline's Southwest Area, which comprises spurs commencing at the Custer compressor station in Custer County, Okla., and the Sherman plant at the Texas-Oklahoma border. These spurs meet at the Southwest mainline at the Greensburg, Kans., compressor station. The segment of pipe between Custer and Sherman is also included, as well as other sections of ANR south of Greensburg.

CenterPoint (daily and bid week)

The CenterPoint Energy Gas Transmission system includes deliveries into six distinct Pooling Areas, four of which have distinctly different pricing characteristics. The majority of liquidity on the CEGT system is centered in the Neutral and North Pooling Areas, which are included in the Argus CenterPoint index.

The six Pooling Areas are the Flex or Neutral Pooling area, the North Pooling Area, the South Pooling Area, the Line CP Pooling Area, and the West 1 and West 2 Pooling Areas. The southern pool trades at a premium, and is not included in this index. All pools are described below for clarity.

Flex or Neutral Pooling Area (included)

The Flex or Neutral Pooling Area is the area containing all receipt points on CEGT's transmission mainlines, and lines connected at Pittsburg, Latimer, Haskell, and Pushmataha counties in Oklahoma.

North Pooling Area (included)

The North Pooling Area includes all receipt points on CEGT's transmission mainlines, and lines connected there, located at points east of the eastern terminus of the Neutral Pooling Area and north of Line AC.

South Pooling Area (not included)

The South Pooling Area includes all receipt points on CEGT's transmission mainlines, and lines located east of the eastern terminus of the Neutral Pooling Area and south of, and including, Line AC, with the exception of the area defined as the Line CP Pooling Area.

West Pooling Area #1 (not included)

The West Pooling Area #1 includes all receipt points on CEGT's transmission mainlines, and lines connected at points west of the Amber Junction compressor station.

The West Pooling Area #2 (not included)

The West Pooling Area #2 represents an area containing all receipt points on CEGT's transmission mainlines, and lines connected at points east of the Amber Junction compressor station and west of the western terminus of the Neutral Pooling area.

Line CP represents deliveries into CEGT's 42-inch diameter pipeline extending from Duke Energy's Carthage hub area in east Texas to CEGT's Perryville Hub in northeast Louisiana.

Chicago Citygates (daily and bid week)

Citygate deliveries to the Chicago, Ill., metropolitan area of the following LDC systems: Peoples Gas Light and Coke, Nicor Gas, North Shore Gas and NIPSCO. Also includes deliveries to the ANR Joliet hub.

Consumers Citygates (daily and bid week)

Deliveries to all citygate stations on the local distribution company network of Consumers Energy in Michigan.

Emerson, Viking GL (daily only)

Transactions from TransCanada's mainline at Emerson, Manitoba into Great Lakes Gas Transmission and into Viking Gas Transmission.

Mich Con Citygates (daily and bid week)

Deliveries to any of the 180 citygates of Michigan Consolidated Gas Co. in Michigan, including stations in Michigan's Upper Peninsula, Alpena area, Travis City area, Petoskey, Grand Rapids area, the Muskegan area, Luddington and in the South East, including the Wayne and Washtenaw areas. MichCon is an operating subsidiary of DTE Energy.

NGPL, Amarillo (daily only)

The Amarillo Pool on Natural Gas Pipe Line commences in Gage County, Neb., on the Amarillo mainline at compressor station 106 and terminates at station 109 in Keokuk County, Iowa.

NGPL, Midcontinent (daily and bid week)

Includes receipts into the NGPL Pipeline from compressor station 155 in Wise County, Texas, northwest to connections with NGPL's Amarillo System at station 112 in Moore County, Texas. The Midcontinent zone also includes the pipeline segment from Moore County to compressor

station 106 in Gage, Neb. Also included are deliveries into the NGPL "Triangle" which is formed as the pipeline runs southeast from station 103 in southwestern Kansas, to connections with NGPL at station 156 in Kiowa County, Okla.

NGPL, Texok zone (daily and bid week)

Includes deliveries into Natural Gas Pipe Line from the Texas-Louisiana border in Jefferson County, Texas, to Montgomery County, Texas. The zone also includes the line segment to Cass County, Texas, and to Carter County, Oklahoma. NGPL's Gulf Coast pooling point is included.

NNG Demarc (daily and bid week)

Demarcation on Northern Natural Gas is the pooling point for shippers on Northern Natural looking to aggregate natural gas receipts from the field area before further flow downstream to the market area. The point is at Clifton Station in Clay County, Kans.

NNG Ventura (daily and bid week)

Deliveries at the Ventura pooling point on Northern Natural Gas in Hancock County, Ia. Supply may be received either from the field zones of Northern Natural or at the interconnect from Northern Border Pipeline.

Northern Border Ventura Transfer (daily only)

This index comprises gas traded on Northern Border Pipeline at Ventura, Iowa, that is not traded for delivery into Northern Natural Gas.

NBPL Ventura (daily only)

Ventura is the pooling point for shippers looking to aggregate natural gas receipts from Northern Border Pipeline — a major shipper of Canadian gas supply — into the Northern Natural Gas Pipeline Ventura, Iowa interconnect in Hancock County, Iowa. A premium emerged in 2009 for gas that can be transferred to another pooling point for potential onward delivery towards Chicago, rather than gas that must be delivered into Northern's system only. The NBPL Ventura index includes deliveries into NBPL that are not for onward delivery to NNG at Ventura.

Oneok, Oklahoma (daily and bid week)

Includes deliveries into Oneok's single pricing pool for gas coming from several large gathering systems. This gas is gathered primarily in the east-central part of Oklahoma in Pittsburg and Haskell counties and also from the west-central part of the state in Blaine, Canadian and Grady counties.

Panhandle Oklahoma Mainline (daily and bid week)

Includes transactions done into Panhandle Eastern Pipe Line's Field Zone in Texas, Oklahoma, and Kansas, from two laterals located south of the Haven, Kansas compressor station. The first lateral runs in a northeast direction from the Texas and Oklahoma panhandles and

southwest Kansas, including Sunray, Hansford, Liberal and Greensburg compressor stations, while the second lateral connects with Haven from points in central and western Oklahoma, including the Cashion, Seiling and Alva compressor stations. Deliveries to Haven, the beginning of Panhandle Eastern's Market Zone, are not included.

Southern Star (daily and bid week)

The Southern Star index includes receipts into the system in Texas, Oklahoma and Kansas.

Rockies

NIT/AECO (daily and bid week)

The AECO gas storage business in Alberta, Canada, is comprised of facilities at Suffield and Countess (owned by Niska Gas Storage). Although the AECO facilities are geographically dispersed across Alberta, the toll design of Nova Gas Transmission means that they function commercially as the same point. The index price is reported in Canadian dollars per gigajoule and \$/mmBtu using the Royal Bank of Canada Noon day rate with a conversion factor of 1mmBtu = 1.054615 gigajoules.

NIT/AECO basis (bid week only)

This index includes deals done at AECO during bid week on a basis to the Nymex month-ahead value on the third day of bid week.

Cheyenne (daily and bid week)

Production in eastern Wyoming can be delivered into either Trailblazer Pipeline, Rockies Express Pipeline, Public Service Company of Colorado or Colorado Interstate Gas at the Cheyenne Hub in Colorado. The hub is operated by CIG.

CIG Rocky Mountains (daily and bid week)

Receipts into Colorado Interstate Gas' 20-inch, 22-inch and 24-inch mainlines in Wyoming and Colorado. Also included are a segment in Utah and a 16-inch lateral in Wyoming. Not included are deliveries or receipts into CIG's system at points south of Cheyenne, Wyo., along the front range of Colorado and into Kansas, Oklahoma and Texas.

El Paso, San Juan Basin (daily and bid week)

Deliveries into El Paso Natural Gas in the San Juan Basin, including supply from the Blanco and Rio Vista processing plants in New Mexico, which are south of the Bondad compressor station.

Empress (daily and bid week)

The Empress index is constituted by tailgate gas from a variety of processing facilities in southeastern Alberta near the Saskatchewan border, on the eastern terminus of the Nova system, also known as TransCanada's Alberta system. Gas processed at Empress is shipped either on TransCanada's mainline or Foothills Pipeline.

Kern River receipts (daily and bid week)

This point includes transactions done along the Kern River Gas Transmission pipeline in Wyoming but not including deliveries at the Opal tailgate, which trades at a premium to other receipt points. Kern River receipts includes: Anschultz Ranch, Carter Creek, CIG at Muddy Creek, Clear Creek, Goshen, Northwest Pipeline at Muddy Creek, Overland Trail, Overthrust, Painter, Questar Roberson Creek and Whitney Canyon.

Northwest Wyoming (daily only)

This point includes transactions on Northwest Pipeline in Wyoming only, from the Green River compressor station to the Kemmerer compressor station, including deals done at Opal.

Northwest, s. of Green River (daily only)

Receipts into Northwest Pipeline in a segment from the Green River, Wyo., compressor station to the La Plata interconnection with El Paso Natural Gas in the San Juan Basin in La Plata County, Colo. Included are deliveries from Clay Basin storage, the Piceance Basin and the Ignacio processing plant.

NWPL, Rocky Mountains (bid week only)

Includes receipts into the Northwest Pipeline mainline in the states of Wyoming, Utah and Colorado. The region includes transactions on the pipeline between the Kemmerer compressor station in Wyoming and the Moab compressor station in southern Utah. This index includes both the Rocky Mountains and the Wyoming pools as defined by Northwest Pipeline, and all deals done at Opal and Muddy Creek.

Opal (daily and bid week)

Any transactions done from the Opal tailgate to the Muddy Creek compressor station in Wyoming on Kern River Gas Transmission. Operator Williams allows gas traded at this point to be delivered into any connecting pipeline: Northwest Pipeline, Colorado Interstate Gas, Overthrust, Rockies Express or Questar. Gas trades done at Opal that are not for delivery into a specific pipeline are included in the Opal index. There is no transportation premium between Opal and Muddy Creek.

Questar (daily and bid week)

Deliveries into Questar Pipeline on its North and South systems, and the lateral connecting them. Exclude deliveries into the pipe at the Opal hub, which are captured in the Opal index.

White River Hub (daily only)

The White River Hub is a joint venture between Questar and Enterprise Products Partners. It runs from Enterprise's Meeker processing facility, which gathers gas from the Piceance Basin in northwest Colorado, south to interconnect with the Rockies Express Pipeline

and TransColorado Gas Transmission and east to connect with Questar Pipeline at Greasewood, along with Northwest Pipeline, Colorado Interstate Gas and Wyoming Interstate Co.

WestEl Paso Bondad (daily only)

Transactions at the Bondad compressor station in Colorado.

El Paso, Permian Basin (daily and bid week)

Deliveries into El Paso Natural Gas from the Waha pool, the Keystone pool and the Plains pool.

El Paso, South Mainline (daily only)

Deliveries on the south mainline of El Paso Natural Gas at points between the Cornudas station in west Texas to, but not including, Ehrenberg, Ariz.

GTN, Kingsgate (daily only)

This interconnection is at the US-Canada border near Kingsgate, B.C., in Boundary County, Idaho. Deliveries are from the Foothills Pipeline into Gas Transmission Northwest.

Kern River, delivered (daily only)

Deliveries from Kern River Gas Transmission upstream of the Southern California Gas system in the Las Vegas, Nev., area. Deliveries at Wheeler Ridge, Kramer Junction and Daggett are not included.

Northwest Sumas (daily and bid week)

The Canadian border region on Northwest Pipeline includes receipts into the pipeline from Westcoast Energy at the Huntingdon, B.C.-Sumas, Wash., connection at the US-Canadian border.

PG&E Citygates (daily and bid week)

Purchases or sales at the Pacific Gas & Electric citygates. Deliveries come from the Redwood, Silverado or Baja paths or with Mission Path onstream transportation.

PG&E Malin, Oregon (daily and bid week)

Deliveries into the PG&E system at the Malin interconnection from either Gas Transmission Northwest or Tuscarora Pipeline. The index was expanded in August 2011 to include receipts at Onyx Hills from Ruby Pipeline into the PG&E Redwood Path.

PG&E South (daily and bid week)

Deliveries into the PG&E system from El Paso Natural Gas and Transwestern Pipeline at Topock, Cal.; from Kern River Gas Transmission at Daggett, Cal., and from the High Desert Lateral; from Southern California Gas at Kern River Station and from Questar Southern Trails Pipeline at Essex, Cal.

SoCal Citygates (daily and bid week)

Deliveries from and to holders of Southern California Gas Company's citygate pool contracts, including in and out of storage.

SoCal Gas Co (daily and bid week)

Deliveries into the Southern California Gas Company pipeline system at any of the following interconnects: Topock, Cal., Ehrenberg, Ariz., Kramer Junction, Calif., Kern River Station, Needles, Ariz., and Wheeler Ridge. Also includes deliveries from PG&E from points including Kern River Station and Pisgah/Daggett.

Stanfield (daily only)

Deliveries from Gas Transmission Northwest into Northwest Pipeline at the Stanfield, Ore., compressor station.

Transwestern Permian Basin (daily and bid week)

The Transwestern Permian Basin index comprises receipts into Transwestern Pipeline in the east Texas and Central zones. The West Texas zone is located southeast and southwest of the WT-1 compressor station in Lea County, N.M., and in many west Texas counties. The Central zone is bordered by station 8 in Lincoln County, N.M., to the northwest, station P-1 in Roosevelt County, N.M., to the east and station WT-1 in Eddy County, N.M., to the south.

Transwestern San Juan Basin (daily and bid week)

The Transwestern San Juan Basin index comprises the pipeline's San Juan lateral, and includes receipts into Transwestern Pipeline into the Ignacio to Blanco zone in Colorado and the Blanco Hub zone in New Mexico, to Thoreau, N.M.

Waha (daily and bid week)

The Waha area has four market centers with a total of 38 direct interconnections to a number of interstate and intrastate pipelines, which provide transportation to southwestern states, east Texas and the midcontinent area. The pipelines include the El Paso Natural Gas Pipeline, Transwestern Pipeline, Natural Gas Pipeline, Northern Natural Gas, Delhi Pipeline, Oasis Pipeline, EPGT Texas and Lonestar Pipeline. Hubs include the DCP Midstream Partners Midland Hub, the Atmos Energy pipeline system hub, Enstor's Waha hub, the Encina hub of Southern Union Gas and the EPGT hub of El Paso Texas Pipeline.

Westcoast station 2 (daily and bid week)

Deliveries into Westcoast Energy at compressor station 2 in British Columbia. The price is reported in Canadian dollars per gigajoule and \$/mmBtu.