# FORWARD LOOK PRICE METHODOLOGY

# **Forward Look Price Methodology**

Updated March 18, 2024

#### What do Forward Look prices represent?

Forward Look prices represent estimated forward prices of natural gas for monthly delivery going out 10 years at more than 70 different locations in the U.S. and Canada. We model these prices based on exchange data as well as NGI's own historical spot price data, and we list them in both basis and fixed price format, with basis price being a differential to the CME Henry Hub futures contract for the corresponding month. Forward Look prices are meant to be indicative in nature and also do not constitute a forecast on the part of NGI. As such, Forward Look seeks to represent the value of forward contracts as they are currently trading in the market and does not reflect NGI's opinion on the level or direction of future prices.

#### Fixed vs Basis Prices: What is the difference?

Forward contracts generally trade as a differential to the CME Henry Hub futures price. This differential is referred to as the *basis price*. By using a differential, it is easier for market participants to buy and sell the risk at a particular pricing location relative to the Henry Hub benchmark. While basis prices make it easier to look at the movements of individual locations, it is also important to look at the *fixed price*, which is calculated by adding the basis price to the price of the corresponding CME Henry Hub futures contract. The fixed price can be more easily compared to prices in the spot market, which are usually published in this format.

#### **Currency & Unit of Measure**

All forward prices published in *NGI's Forward Look* are listed in \$U.S. per MMBtu. This includes prices for Canadian locations such as NOVA/AECO C.

### **Timing & Release of Data**

Forward Look price datafeeds are published each business day by 9:00 AM Eastern Time. Forward data are available via NGI's REST API (api.ngidata.com) in both JSON and Excel formats. You can also download the latest data directly from our website (naturalgasintel.com) in Excel format. The holiday schedule is available via NGI's publishing calendar which is based on the next-day fixed price trading calendar of the Intercontinental Exchange.

#### Are historical data available?

Yes. Historical *Forward Look* datafeeds are available going back to October 2012; however, locations have been added and removed over time, so the length of available history varies by location.

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## **Location Definitions**

Index	Began Publishing	Description
Agua Dulce	March 1, 2021	The Corpus Christi area has emerged as a center for natural gas exports via both pipeline and LNG, and our Agua Dulce index reflects this. In addition to the Agua Dulce Hub in Nueces County, TX, itself, our index now includes a.) the Banquete Hub in Nueces County, TX, and b.) transactions into the Corpus Christi Pipeline in San Patricio County, TX. As of April 2023, pipelines that deliver into or haul gas from the Agua Dulce Hub include Energy Transfer's Lobo Pipeline, Eagle Ford Midstream, Enterprise Texas Intrastate, Gulf Coast Express, Houston Pipe Line, Kinder Morgan Tejas, NET Mexico, NGPL, Tennessee, Texas Eastern, Transco, Valley Crossing and Whistler Pipeline. The Banquete Hub is located slightly east of Agua Dulce, also in Nueces County, TX, and includes several Kinder Morgan pipelines. Finally, the Corpus Christi Pipeline accepts deliveries at Sinton in San Patricio County, TX, from Enterprise Products, Kinder Morgan Tejas, NGPL, Tennessee and Transco.
Algonquin Citygate	October 17, 2012	Includes delivery points within the Algonquin system. Excludes gas deliveries into Algonquin from connecting pipelines. Our Algonquin Citygate index incorporates the separate Algonquin Citygate and AGT-CG (non-G) locations that are traded on the Intercontinental Exchange.
Alliance	November 2, 2020	Comprised of all points within the U.S. Delivery Pool that are in Illinois, with the exception of gas delivered from Alliance into the Nicor and Peoples Gas LDCs, since those deliveries are included in our Chicago Citygate index. Includes the Alliance Chicago Exchange (ACE Hub).
ANR SE	August 9, 2016	Comprised of deliveries into the ANR Southeast Area, including both the Transmission and the Gathering segments of the pipeline. This region includes all onshore and offshore points on ANR Pipeline south of and including the SE Headstation at Eunice, LA. Those points south of Eunice lie along two separate offshore/onshore laterals. Gas from the East Lateral comes onshore through the 1.6 Bcf/d Calumet Processing Plant in Saint Mary Parish, LA, while the West Lateral shuttles gas from the High Island Offshore System onshore through the Grand Chenier Compressor Station. The two laterals merge at the SE Headstation in Eunice.
ANR SW	October 17, 2012	Includes all points within ANR's Southwest Area. This zone includes all points along ANR Pipeline in Texas and Oklahoma, along with those locations in Kansas that are upstream of and include the SW Headstation in Greensburg, KS.
Cheyenne Hub	November 2, 2020	Deliveries into and receipts from the Cheyenne Hub in Weld County, CO. Interconnecting pipelines include Cheyenne Connector, Cheyenne Plains, Colorado Interstate Gas (CIG), Public Service of Colorado, Rockies Express Pipeline (REX), Southern Star, Tallgrass Interstate Gas Transmission, Trailblazer and Wyoming Interstate Company (WIC).

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Index	Began Publishing	Description
Chicago Citygate	October 17, 2012	Deliveries into the Nicor Gas, Peoples Gas Light & Coke, North Shore Gas, and Northern Indiana Public Service Co. (NIPSCO) systems in the Chicagoland area.
CIG	October 17, 2012	Our CIG index includes 1.) All deliveries into the CIG system along the mainline portion between the King Compressor Station in Lincoln County, WY, up to but excluding deliveries into Cheyenne, since we include those trades in our separate Cheyenne Hub index and 2.) Pooling deals conducted on the portion of CIG that extends south from Wamsutter into Colorado and Utah. We do not include any transactions along the section of the pipeline that extends north of the Rawlins Compressor Station located in Carbon County, WY.
Columbia Gas	October 17, 2012	Deliveries into the 11 aggregation areas as listed in TCO's AS Rate Schedule. Those areas include Kenova, Flat Top, Cobb, Alexander, Delmont, McClellandtown, Crawford, York, Dungannon, Binghamton and West Union, and range from Eastern Kentucky (excluding Leach), West Virginia, SW Virginia, Eastern Ohio, Pennsylvania and South Central New York. The TCO segmentation pool (SEG Pool) is included in these aggregation points and is therefore included in our index. So too are Interruptible Paper Pool (IPP) transactions that are included within the 11 aggregation points other than Binghamton, NY. All transactions in and out of Market Areas (as defined by TCO) that fall outside of the 11 aggregation points are not included in our index.
Columbia Gulf Mainline	October 17, 2012	Receipts within the Mainline portion of the Columbia Gas Transmission system between Rayne in Acadia Parish, LA, and the Mississippi/Tennessee border.
Columbia Gulf onshore	October 17, 2012	Includes deliveries into the onshore portion of the Columbia Gulf Transmission system. The onshore segment of the pipeline contains all onshore deliveries south of Rayne, LA, including locations in Acadia, Calcasieu, Cameron, Iberia, Jefferson, Jefferson Davis, Lafayette, Lafourche, Plaquemines, St. Charles, St. Mary, Terrebonne, and Vermilion Parishes.
Consumers Energy	November 2, 2020	Made up of deliveries into the Consumers Energy LDC system in Michigan.
Cove Point	November 2, 2020	Includes gas delivered anywhere into the Cove Point pipeline, which connects pipelines in Northern Virginia to the actual Cove Point LNG facility in Lusby, MD. The three main delivery points into Cove Point pipeline are via Columbia Gas and Eastern Gas (EGTS) in Loudoun County, VA, and from Transco at Pleasant Valley in Fairfax County, VA.
Dawn	August 9, 2016	Gas traded at Enbridge Inc.'s Dawn Hub in Dawn Township, Ontario. This point does not include deals at the Bluewater Storage Hub in Michigan, deliveries at St. Clair, MI (interconnect with MichCon), or transactions at OJIBWAY (interconnect with Panhandle Eastern Pipeline).
Eastern Gas South	October 17, 2012	Includes all deliveries into the portion of Eastern Gas that lies upstream of the Valley Gate Junction in Armstrong County, PA. This includes the Pennsylvania portion of the system that lies

Index	Began Publishing	Description
	Formerly "Dominion South"	south of Valley Gate Junction, along with the segments that are located in Ohio, Maryland, West Virginia and Virginia.
El Paso Permian	October 17, 2012	Includes deliveries into El Paso Natural Gas in the Permian Basin, which in turn includes the areas along its system that EPNG designates as the Waha, Keystone, and Plains pools.
El Paso San Juan	October 17, 2012  Formerly "El Paso non-Bondad"	Our El Paso San Juan index incorporates deliveries into the Blanco, Bondad and Rio Vista pools of the region El Paso calls the San Juan Basin. These areas lie primarily within San Juan and McKinley Counties in New Mexico. More specifically, our index includes deals done just south of the Bondad Compressor Station at the Colorado/New Mexico border to the Window Rock Station at the Arizona/New Mexico border. We also include the small lateral between the Valve City and the Bluewater Station.
Emerson	November 30, 2021	Transactions from TC Energy's Canadian Mainline into both Viking Gas Transmission and Great Lakes Gas Transmission at Emerson, MN.
Enable East	October 17, 2012	Our Enable East index includes deliveries into both the North and the Neutral (aka "Flex Pool") Pooling areas of the EGT system. The North Pooling Area includes all points in Arkansas along the EGT system that are north of the Malvern Compressor Station, the small lateral in Arkansas that runs south of Malvern in Arkansas and Desha Counties, and all points west of the Dunn Compressor Station up to but not including the beginning of the Neutral Pooling Area in Oklahoma. The Neutral Pool contains all points along EGT in Pittsburg, Haskell, Latimer, and Pushmataha Counties in Oklahoma. We renamed this index Enable East from CenterPoint East in December 2013.
Florida Gas Zone 3	October 17, 2012	Florida Gas Zone 3 includes transactions east of Compressor Station 8 in East Baton Rouge Parish, LA, through the end of Zone 3 in Santa Rosa County, FL.
Henry Hub	October 17, 2012	Deliveries into and from Sabine's Henry Hub in Erath, LA, including Sabine's Intra-Hub Transfer (IHT) transactions. Connecting pipelines include Acadian, Bridgeline, Columbia Gulf, Gulf South, Jefferson Island, NGPL, Sabine, Sea Robin, Southern Natural, Texas Gas and Trunkline.
Houston Ship Channel	October 17, 2012	NGI's Houston Ship Channel Index is comprised of transactions within the "Houston Pipe Line Pool." We defer to the locations that ICE includes in its definition of the HPL Pool.
Iroquois, Waddington	August 9, 2016	Deliveries from TC Energy's Canadian Mainline into Iroquois Gas Transmission at the U.S./Canada border at Waddington, New York.
Iroquois Zone 2	August 9, 2016	Our Iroquois Zone 2 index includes all deliveries into Iroquois Gas Transmission south of (but excluding) the Wright Compressor Station in upstate New York. Zone 2 ends at the Hunts Point interconnect with the Con Edison system in the New York City metropolitan area.
Katy	April 7, 2017	Includes transactions at the Katy Hub in the Katy, TX area. Connecting pipelines include Atmos, DCP Guadalupe Pipeline,

Index	Began Publishing	Description
		Duke Energy, Gulf South, HPL, Kinder Morgan Texas, Kinder Morgan Tejas, Monument Pipeline, NGPL, Oasis, Tennessee, Transco, and Trunkline.
Malin	August 9, 2016	Comprised of deliveries from TC Energy's GTN Pipeline and Tallgrass' Ruby Pipeline into PG&E's Redwood Path at Malin, OR.
Michigan Consolidated	October 17, 2012	Deliveries into the Michigan Consolidated LDC system in Michigan, excluding those into the Bluewater Hub and at St. Clair, MI. MichCon serves three main areas of the state: 1.) The greater Detroit area (Wayne, Monroe, Washtenaw, and Oakland Counties), 2) Central Michigan (Emmet, Cheboygan, Presque Isle, Charlevoix, Antrim, Otsego, Montmorency, Alpena, Alcona, Crawford, Kalkaska, Grand Traverse, Benzie, Leelanau, Manistee, Wexford, Roscommon, Ogemaw, Iosco, Gladwin, Clare, Osceola, Lake, Mason, Oceana, Muskegon, Newaygo, Mecosta, Isabella, Montcalm, Gratiot, Ottawa, Kent, and Ionia Counties), and 3.) The Upper Peninsula (Chippewa, Alger, Delta, Menominee, Dickenson, Marquette, and Iron Counties). MichCon is a subsidiary of DTE Energy.
Millennium East Pool	April 7, 2017	Includes receipts within the Millennium East Pool, which is defined as the portion of Millennium Pipeline that extends east of the Corning Compressor Station. Our index includes all deals within the East Pool, with the exception of deliveries into Algonquin Gas Transmission at Ramapo, New York.
NGPL Midcontinent	October 17, 2012	We only include deliveries into a portion of the NGPL Midcontinent area. That included portion begins with Station 801 in South Central Oklahoma, and veers west to include the entire "triangle" area marked by Station 156 in Oklahoma, Station 111 in Moore County, TX (North Texas Panhandle), and Station 103 in South Central Kansas. However, we do not incorporate any transactions that are delivered to NGPL between Stations 103 and the terminus of the Midcontinent Zone at Station 106 in Gage, NE.
NGPL S. TX	April 7, 2017	This point includes deliveries into NGPL's South Texas Receipt & Delivery Zone, which includes all points southwest of Compressor Station 302 in Montgomery County, TX, down toward the Texas/Mexico border.
NGPL TexOk	October 17, 2012	Gas delivered into NGPL's TexOk Receipt & Delivery Zone. This zone is comprised of portions of NGPL's mainline (Gulf Coast) and A/G lines. The GC segment of this zone starts at the Texas/Louisiana border in Jefferson County, TX, moves west to Station 302 in Montgomery County, TX, then veers northeast to the Texas/Arkansas border in Cass County, TX. The GC portion includes receipts in Jefferson, Panola, Marion, Liberty, Harrison, Polk, Lamar, Angelina, Marion, Nacogdoches, San Jacinto, Rusk, Case, Cass, and Montgomery Counties in Texas. The A/G points included in this index start in Cass County, TX, and run through Lamar County, TX, and through Carter, Latimer, Pittsburg, Johnston, Atoka, and Bryan Counties in Oklahoma. Our NGPL TexOk index does not include the Oklahoma portion of NGPL that lies within the Midcontinent Receipt and Delivery zone. Furthermore, our index includes the TexOk Zone - G.C. Pooling Point, but excludes the TexOk Zone A/G Pooling Point.

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Index	Began Publishing	Description
Northern Border Ventura	November 2, 2020	Our Northern Border Ventura index captures the value of gas at Ventura, IA, that is ticketed for delivery into the Chicago area. As such, it includes receipts from Northern Natural Gas, along with deliveries along its own system at the Ventura Transfer Point. As stated in the Northern Border tariff, "the term 'Transfer Point' shall be used to describe a point on company's system where, for purposes of scheduling and nominations, in-line transfers of gas shall occur from one transportation agreement to another or from a compression agreement or PAL agreement to a transportation agreement." Our index does not include gas traded from Northern Border into Northern Natural Gas.
Northern Natural Demarc	October 17, 2012	Deals transacted at NNG's Demarcation point, which is the pooling point that separates NNG into its Field and Market zones. This is pooling point/Mileage Indicator District (MID) point 16B as defined in NNG's Rate Schedule MPS: MID Pooling Services rate schedule. The point itself is located in Clay County, KS.
Northern Natural Ventura	October 17, 2012	Gas traded into Northern Natural Gas at Ventura in Hancock County, IA. Our index includes both transactions along the NNG system at the Ventura pooling point or delivered into NNG at Ventura from Northern Border Pipeline.
Northwest Rockies	October 17, 2012  Formerly "Northwest  Wyoming Pool"	Incorporates transactions conducted within the Northwest Pipeline Wyoming and Rocky Mountain Pools, which collectively are the segment of the mainline that stretches from Kemmerer Station in southwest Wyoming to the Moab Compressor Station in southeast Utah. Our Northwest Rockies index also includes deals done at Opal.
Northwest Sumas	October 17, 2012	Deliveries from Westcoast Energy Pipeline into Northwest Pipeline at the Sumas, WA/Huntington, BC border.
NOVA/AECO C	October 17, 2012	Includes fixed priced deals that are conducted anywhere within TC Energy's NOVA Gas Transmission Ltd. (NGTL) system in Alberta. The AECO Hub is a trademarked name used to describe Niska Gas Storage's two facilities (Suffield and Countess), but the pricing point AECO C is a virtual point that has come to mean all gas that is traded along NOVA under the provisions of the NOVA Inventory Transfer service. Per the TC Energy website: "The terms AECO Hub, NIT and Alberta Hub increasingly are being used interchangeably to refer to the Alberta gas price and the Alberta pricing point. Pricing is determined at NIT, a notional location on the Alberta System."
OGT	October 17, 2012	An intrastate pipeline that spans much of the State of Oklahoma, Oneok Gas Transmission (OGT) draws much of its supply from instate production and is connected to 18 other pipelines. Although many traders view OGT as having an east and a west portion, the pipeline operates as a single pricing pool. Our index includes transactions conducted at any point along the OGT system.
Opal	November 2, 2020	Includes all deals done within Kern River Fuel Zone #1, as well as transactions done at the Opal Plant Tailgate, Muddy Creek and Pioneer Gas Plant for which a pipeline is not specified.

Index	Began Publishing	Description
Panhandle Eastern	October 17, 2012	Includes deliveries into PEPL anywhere within its Field Zone, which incorporates the Kansas, Oklahoma, and Texas portions of PEPL that are upstream of its Haven, KS, Compressor Station.
PG&E Citygate	October 17, 2012	Deliveries to customers behind PG&E's local distribution system in Northern California.
Pine Prairie	April 15, 2019	The Pine Prairie Energy Center is comprised of a salt dome storage facility in Evangeline Parish, LA that connects to eight natural gas pipelines: ANR, Columbia Gulf Transmission, Florida Gas Transmission, Kinder Morgan Louisiana, Tennessee, Texas Eastern Transmission, Texas Gas Transmission, and Transco.
REX Zone 3 Delivered	April 15, 2019	Comprised of deals delivered from REX into ANR at Shelby County, IN; MGT at Edgar County, IL; NGPL at Moultrie County, IL; PEPL at Putnam County, IN; and Trunkline at Douglas County, IL.
SoCal Border – Wheeler Ridge	November 30, 2021	Receipts with Southern California Gas' Wheeler Ridge Zone. Specifically, our Wheeler Ridge index includes transactions from Kern River/Mojave, and from PG&E at Kern River Station. SoCalGas also receives a de minimis amount of gas from the Elk Hills Oil Field within this zone, but we do not include those flows in this index.
SoCal Border Avg.	October 17, 2012	Comprised of deliveries into the Southern California Gas system via the following pipeline interconnects: 1.) Northern Zone: El Paso at Topock, AZ; Transwestern at Topock, AZ and Needles, CA; Kern River and Mojave Pipelines at Kramer Junction, CA 2.) Southern Zone: El Paso at Ehrenberg, AZ, and North Baja at Blythe, CA 3.) Wheeler Ridge Zone: Kern River and Mojave Pipelines at Wheeler Ridge, CA, and deliveries from the PG&E system at Kern River Station, CA. Our index does not include any gas sourced from Mexico via TGN at Otay Mesa, CA.
SoCal Citygate	August 9, 2016	Deliveries to customers behind Southern California Gas' local distribution system in Southern California. Includes storage deals.
Southern Natural	October 17, 2012	Includes deliveries into the portions of Southern Natural that serve Louisiana. This is Zone 0, and is considered by the pipeline to be the production zone. Our index includes the sections of the pipeline in both the Southern and Northern areas of the state, and also contains both Tier 1 and Tier 2 Supply Pool Balancing Agreements, provided that they are within Zone 0.
Southern Star	October 17, 2012	Our Southern Star index encompasses receipts within Pools 2-8 of the systems' Production Area, or stated differently, all points within the Southern Star Production Area that are south of Hesston Station in Harvey County, KS. We exclude the Rawlins-Hesston Pool (Pool #1) that runs through Northwest Kansas, Colorado, and Wyoming, since we believe that is more indicative of Rockies production, along with the entire Market Area of the Southern Star system.
Stanfield	November 2, 2020	Deliveries into/from Northwest Pipeline from/into Gas Transmission Northwest (GTN) at Stanfield, OR in Umatilla County.

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Index	Began Publishing	Description
Tenn Zone 4 200L	November 30, 2021	Incorporates transactions along Tennessee Gas Pipeline's Zone 4 "200 Leg" that runs from the Ohio/Kentucky border in Scioto County, OH to and including the Mercer\219 Compressor Station at the Pennsylvania/New York border in Erie County, PA. Our index includes deals conducted at the Zone 4 Leg 200 Pool. NGI split its previous Tennessee Zone 4 listing into separate Line 200 and Line 300 postings in October 2011.
Tenn Zone 6 200L	August 9, 2016	Deals from our Tennessee Zn 6 Line 200 – North and Tennessee Zn 6 Line 200 – South indexes. Tennessee Pipeline Zone 6 includes all points in Rhode Island, Massachusetts, New Hampshire, and the lateral that extends from Massachusetts into Western Connecticut.
Tennessee Line 500	August 9, 2016	Our Tennessee Line 500 index reflects deals transacted on the "500 Leg" within Tennessee's rate Zone L. This includes all points on the U-shaped line that starts in Natchitoches Parish, LA, extends into Southern Louisiana, and terminates with the Zone L Leg 500 Pool point (#420999) in Forrest County, MS.
Tennessee Line 800	August 9, 2016	Includes deliveries into the "800 Leg" within Tennessee's Zone L in Louisiana. The 800 Leg includes the section that begins with Grand Chenier in Cameron Parish and extends northeast to the Zone L Leg 800 Pooling Point (#420998) that is located just south of the Winnsboro\834 Compressor Station in Catahoula Parish, as well as the segment that extends west from the Kinder\823 Compressor Station in Jefferson Davis Parish to the Starks\820C1 Compressor Station in Calcasieu Parish.
Tennessee Zn 4 Marcellus	October 17, 2012	Transactions along Tennessee Gas Pipeline's Zone 4 "300 Leg" between and including Compressor Station 315 in Tioga County, PA, and Compressor Station 321 in Susquehanna County, PA.
Tennessee Zone 0 South	April 7, 2017	Tennessee Zone 0 South begins near the Texas/Mexico border in McAllen County, TX, and ends at the East Bernard (Station 17) Compressor Station in Wharton County, TX. Tennessee Pipeline split what was previously Zone 0 into Zone 0 South and North effective November 1, 2009.
Texas Eastern E. LA	August 9, 2016	Comprised of all receipts within the 30" portion of the "Access E LA" zone that begins in Opelousas, LA and extends to the Kosciusko, MS Compressor Station. Our index also includes deliveries from the lateral that extends from offshore SE Louisiana to the intersection with the main pipeline just south of the St. Francisville Compressor Station. However, our index does not include the portion of the pipeline that extends from the Monroe Compressor Station in North Louisiana to Kosciusko.
Texas Eastern M-2, 30" Receipt	August 9, 2016	Comprised of receipts along the 30" portion of Texas Eastern within its M-2 market zone. Our index does not include transactions along the 24" line that traverses Indiana and Ohio.
Texas Eastern M-3, Delivery	October 17, 2012	Consists only of deliveries along Texas Eastern's M3 market zone. Includes the New Jersey-New York section of the pipeline that began delivering gas into New York City in November 2013.

Index	Began Publishing	Description
Texas Eastern S. TX	October 17, 2012	Comprised of transactions into the Texas Eastern "Access Zone S.TX." Includes 1.) the line that runs from the Hagist Ranch Compressor Station to the suction side of the Huntsville, TX Compressor Station, 2.) the section that begins near the U.S/Mexico border and extends along the Gulf Coast of Texas to the suction side of Vidor, TX, and 3.) the lateral that connects the two sections referenced above between Provident City and Blessing.
Texas Eastern W. LA	August 9, 2016	Deliveries into TETCO's "Access Zone W LA," including both the onshore portion between Vidor, TX and Opelousas, LA, and the segment that extends from the Grand Chenier Compressor Station and delivers gas into the onshore segment of the pipe at the Gillis, LA Compressor Station in Calcasieu Parish.
Texas Gas Zone 1	October 17, 2012	Comprised of all receipts within Texas Gas Transmission's Zone 1. Zone 1 starts with the Pineville Compressor Station in Rapides Parish, LA, and runs to the start of Zone 2 at the intersection of Dyer and Crockett Counties in Tennessee. Zone 1 includes the North Louisiana, Fayetteville, and Greenville Lines, but excludes transactions in Carthage, TX, as those are included in our separate Carthage index.
Transco Zone 1	August 9, 2016	Our Transco Zone 1 index includes Station 30 in Wharton, TX, and all points along the three pipeline segments that connect into Station 30. Those are the McMullen Lateral that begins in McMullen County, TX, the mainline segment and Padre Island Offshore System, and the offshore and mainland portion of the Central Texas Gathering System that hits land in Matagorda County, TX.
Transco Zone 2	March 1, 2021	Includes all deliveries into Transco's Zone 2, which is comprised of all locations east of Station 30 in Wharton, TX, through Station 45 in Beauregard Parish, LA, including offshore locations that feed into Zone 2.
Transco Zone 3 St. 65	October 17, 2012	Includes all transactions conducted at the Station 65 Compressor Station.
Transco Zone 4	October 17, 2012	Comprised of receipts within Transco's Zone 4, excluding those in Zones 4A and 4B. Zone 4 begins just upstream of Station 65 at the Louisiana/Mississippi border, and ends at the Georgia/South Carolina Border. Our index includes neither deliveries directly into Zone 4A, which is located in Southeast Alabama, nor into the offshore Zone 4B segment. However, our index does include deliveries made into Station 85 from Zones 4A and 4B.
Transco Zone 5	April 15, 2019	Incorporates transactions into Transco's Zone 5, including the North and South zones. The North Zone includes all points north of Station 165 in Pittsylvania County, VA, and the end of Zone 5, with the exception of deliveries into Transco from Cove Point at the Pleasant Valley receipt point in Northern Virginia. The South Zone includes all locations between and including the beginning of Transco Zone 5 at the Georgia/South Carolina border and Station 165 in Pittsylvania County, Virginia.
Transco Zone 6, non-NY	August 9, 2016	All transactions within Transco Zone 6 north of Compressor Station 195 in York County, PA, including both the River Road Transfer

Index	Began Publishing	Description
		Point that is the intersection with the Central Penn Line South (CPLS) system and Station 210 Pool deals, but excluding those areas specified in our Transco Zone 6 NY and Leidy Line indexes.
Transco Zone 6 NY	October 17, 2012	Our Transco Zone 6 NY index represents the price of gas delivered to the various utilities that are downstream of Linden, NJ. Those include PSE&G, National Grid, and ConEd.
Transco-Leidy Line	August 9, 2016	Contains all transactions on the Transco-Leidy Line from Compressor Station 505 in New Jersey up to but not including the terminus of the line in Leidy, PA.
Transwestern	March 1, 2021	Incorporates Transwestern's West Texas and Central Pools. The Central Pool is located Chaves, Eddy, Lea, McKinley, Roosevelt, & Valencia Counties, NM. The West Texas Pool spans across Chaves, Eddy, & Lea Counties, NM, and Loving, Pecos, Reeves, Ward, and Winkler Counties, TX.
Trunkline E. LA	April 7, 2017	Deliveries into Trunkline from the Patterson Compressor Station in St. Mary Parish, LA, to just east of the Kaplan Compressor Station in Vermilion Parish, LA.
Trunkline Zone 1A	April 7, 2017	Made up of all receipts within Trunkline Zone 1A, which begins at the Longville Compressor Station in Beauregard Parish, LA, crosses through SE Arkansas and NW Mississippi, and ends at the suction side of the Dyersburg Compressor Station in Dyer County, TN.
Waha	October 17, 2012	Contains transactions at the Waha Hub within the Permian Basin in West Texas. Includes deals into and in the vicinity of the Waha DCP/Atmos Hub, Enstor Waha Hub, and Waha (EPGT) Texas Hub. Interconnecting pipelines/systems include Agua Blanca, Atmos, Arena West Texas Pool (comprised of the Waha Header, TransPecos, OWT, Roadrunner and Comanche Trail), El Paso, Energy Transfer, Enterprise Texas, Gulf Coast Express, NGPL, Northern Natural, Oasis, Oneok WesTex, Permian Highway, Transwestern and Whistler Pipeline. Our index also includes deals within the El Paso – Waha pool, and the Oneok WesTex pool.
Westcoast Station 2	March 18, 2024	Gas delivered into Station 2 along Enbridge's Westcoast Energy (WEI) pipeline. Station 2 is located near Chetwynd, BC, and is the main aggregation point from which supplies from the Northeastern part of British Columbia are shipped south along the main WEI pipeline.

<sup>10</sup> NGI