

# NGI's *FORWARD LOOK*

PRICE METHODOLOGY

UPDATED NOVEMBER 2, 2020

## Forward Look Price Methodology

(Updated November 2, 2020)

### What do *Forward Look* prices represent?

*Forward Look* prices represent estimated forward prices of natural gas for monthly delivery going out ten years at 67 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 current market value of forward contracts as they are currently trading in the market and does not reflect NGI's opinion on the level or direction 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](https://api.ngidata.com)) in both JSON and Excel formats. You can also download the latest data directly from our website ([naturalgasintel.com](https://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.

## Location Definitions

Index	Began Publishing	Description
<b>Algonquin Citygate</b>	<i>October 17, 2012</i>	Includes transactions to delivery points within the Algonquin system. Excludes gas deliveries into Algonquin from connecting pipelines, as that is a separate index. Our Algonquin Citygate index incorporates the separate Algonquin Citygates and AGT-CG (non-G) locations that are traded on the Intercontinental Exchange.
<b>Alliance</b>	<i>November 2, 2020</i>	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 People Gas LDCs, since those deliveries are included in our Chicago Citygate index. Includes transactions at the Alliance Chicago Exchange (ACE Hub).
<b>ANR SE</b>	<i>August 9, 2016</i>	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.
<b>ANR SW</b>	<i>October 17, 2012</i>	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.
<b>Cheyenne Hub</b>	<i>November 2, 2020</i>	Deliveries into and receipts from the Cheyenne Hub in Weld County, CO. Interconnecting pipelines include Cheyenne Plains, Colorado Interstate Gas (CIG), Kinder Morgan Interstate Gas Transmission (KMIGT), Public Service of Colorado, Rockies Express, Southern Star, Trailblazer, and Wyoming Interstate Company (WIC).
<b>Chicago Citygate</b>	<i>October 17, 2012</i>	Deliveries into the Nicor Gas, Peoples Gas Light & Coke, North Shore Gas, and Northern Indiana Public Service Co. (NIPSCO) systems in the Chicagoland area. Note: NGI began publishing separate indexes into Nicor, NIPSCO, North Shore, and Peoples on May 1, 2015. However, these changes have had no effect on how we calculate our Chicago Citygate index. Our Chicago Citygate index continues to be a weighted average of deals delivered into those four LDC systems.
<b>CIG</b>	<i>October 17, 2012</i>	Our CIG index includes all deliveries into the CIG system that are both west AND south of the Rawlins Compressor Station in Carbon County, WY. This includes the west-east lateral from Opal to Rawlins, the north-south line from Wamsutter to Greasewood/Parachute, and the west-east lateral from Natural Buttes, UT to Greasewood/Parachute.
<b>Columbia Gas</b>	<i>October 17, 2012</i>	Deliveries into the ten aggregation areas as listed in TCO's AS Rate Schedule. Those areas include Kenova, Flat Top, Cobb, Alexander, Delmont, McCellandtown, Crawford, York, Dungannon, and Binghamton, 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 10 aggregation points other than Binghamton, NY. All transactions in and out of Market Areas (as defined by TCO) that fall outside of the 10 aggregation points are not included in our index.
<b>Columbia Gulf Mainline</b>	<i>October 17, 2012</i>	Receipts within the Mainline portion of the Columbia Gas Transmission system between Rayne in Acadia Parish, LA and the Mississippi/Tennessee border.

Index	Began Publishing	Description
<b>Columbia Gulf Onshore</b>	<i>October 17, 2012</i>	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.
<b>Consumers Energy</b>	<i>November 2, 2020</i>	Made up of deliveries into the Consumers Energy LDC system in Michigan.
<b>Dawn</b>	<i>August 9, 2016</i>	Gas traded at Union Gas' 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).
<b>Dominion Energy Cove Point</b>	<i>November 2, 2020</i>	Includes gas delivered anywhere into the Dominion Energy 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 Dominion Energy Transmission in Loudoun County, VA, and from Transco at Pleasant Valley in Fairfax County, VA.
<b>Dominion South</b>	<i>October 17, 2012</i>  <i>Formerly "Dominion"</i>	Includes all deliveries into Dominion's South Pool, which is the portion of the pipeline that lies upstream of Valley Gate Junction in Allegheny County, PA. This includes the Pennsylvania portion of the system that lies south of Valley Gate Junction, along with the segments that are located in Ohio, Maryland, West Virginia, and Virginia. NOTE: NGI split its prior Dominion index into separate Dominion North Point and South Point indexes in April 2014. Prior to that, our Dominion index was a combination of North and South point deals. We at NGI did not see a meaningful volume of reported deals on Dominion North until late 2013, so for historical comparison purposes, our old Dominion index aligns most closely with our new Dominion South Point index.
<b>El Paso Permian</b>	<i>October 17, 2012</i>	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.
<b>El Paso San Juan</b>	<i>October 17, 2012</i>  <i>Formerly "El Paso non-Bondad"</i>	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.
<b>Enable East</b>	<i>October 17, 2012</i>	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 CEGT in Pittsburg, Haskell, Latimer, and Pushmataha Counties in Oklahoma. We renamed this index Enable East from CenterPoint East in December 2013.
<b>Florida Gas Zone 3</b>	<i>October 17, 2012</i>	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.
<b>Henry Hub</b>	<i>October 17, 2012</i>	Deliveries into and from Sabine's Henry Hub in Erath, LA. Connecting pipelines include Acadian, Bridgeline, Columbia Gulf, Gulf South, Jefferson Island, NGPL, Sabine, Sea Robin, Southern Natural, Trunkline, & Texas Gas.

Index	Began Publishing	Description
<b>Houston Ship Channel</b>	<i>October 17, 2012</i>	NGI's Houston Ship Channel Index is comprised of transactions within the "Houston Pipe Line Pool." Our index does not include deals at the "Golden Triangle" area of Beaumont, Port Arthur, and Orange in Jefferson and Orange Counties, TX, nor does it include transactions at the refinery hub in Texas City, which is located in Galveston County, TX.
<b>Iroquois, Waddington</b>	<i>August 9, 2016</i>	Deliveries from TransCanada Pipeline into Iroquois Gas Transmission at the U.S./Canada border at Waddington, New York. Prices are listed in \$US/MMBtu.
<b>Iroquois Zone 2</b>	<i>August 9, 2016</i>	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.
<b>Katy</b>	<i>April 7, 2017</i>	Includes transactions into both the Enstor Katy Storage Hub (Enstor Pool) and the DCP Midstream Katy Hub. The two facilities are located approximately three miles from each other, and both are roughly 20 miles southwest of Houston, in Katy, TX. Connecting pipelines at the two facilities include Atmos, Duke Energy, Gulf South, HPL, Kinder Morgan Texas, Kinder Morgan Tejas, NGPL, Oasis, Tennessee, Transco, and Trunkline.
<b>Malin</b>	<i>August 9, 2016</i>	Comprised of deliveries from TransCanada's GTN Pipeline and El Paso/Kinder Morgan's Ruby Pipeline into PG&E's Redwood Path at Malin, Oregon.
<b>Michigan Consolidated</b>	<i>October 17, 2012</i>	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.
<b>Millennium East Pool</b>	<i>April 7, 2017</i>	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, since those trades are reflected in our Algonquin Receipts index.
<b>NGPL Midcontinent</b>	<i>October 17, 2012</i>	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.
<b>NGPL S. TX</b>	<i>April 7, 2017</i>	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.

Index	Began Publishing	Description
<b>NGPL TexOk</b>	<i>October 17, 2012</i>	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.
<b>Northern Border Ventura</b>	<i>November 2, 2020</i>	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.
<b>Northern Natural Demarc</b>	<i>October 17, 2012</i>	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.
<b>Northern Natural Ventura</b>	<i>October 17, 2012</i>	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.
<b>Northwest Rockies</b>	<i>October 17, 2012</i> <i>Formerly "Northwest Wyoming Pool"</i>	Incorporates transactions from the Northwest Wyoming and Rocky Mountain pools only. Excludes trades conducted within the San Juan pool.
<b>Northwest Sumas</b>	<i>October 17, 2012</i>	Deliveries from Westcoast Energy Pipeline into Northwest Pipeline at the Sumas, WA/Huntington, BC border.
<b>NOVA/AECO C</b>	<i>October 17, 2012</i>	Includes fixed priced deals that are conducted anywhere within TransCanada's Alberta System, otherwise known as NOVA. 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 TransCanada 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."
<b>OGT</b>	<i>October 17, 2012</i>	An intrastate pipeline within the State of Oklahoma, Oneok Gas Transmission (OGT) has 23 interstate and 20 intrastate pipeline connections. 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.

Index	Began Publishing	Description
<b>Opal</b>	<i>November 2, 2020</i>	Includes deals done at the Opal Hub in Lincoln County, WY. Our index also contains deals done at the Muddy Creek Compressor station, and the Pioneer, Hams Fork, and Roberson Creek receipt points along Kern River Pipeline. Connecting pipelines in the Opal area include Kern River, Northwest, Colorado Interstate Gas (CIG), Rockies Express, Ruby Pipeline, Questar, Overthrust Pipeline, and Wyoming Interstate Company (WIC).
<b>Panhandle Eastern</b>	<i>October 17, 2012</i>	Includes deliveries into Panhandle anywhere within its Field Zone, which incorporates the Kansas, Oklahoma, and Texas portions of PEPL that are upstream of its Haven, KS Compressor Station.
<b>PG&amp;E Citygate</b>	<i>October 17, 2012</i>	Deliveries to customers behind PG&E's local distribution system in Northern California.
<b>Pine Prairie</b>	<i>April 15, 2019</i>	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.
<b>REX Zone 3 Delivered</b>	<i>April 15, 2019</i>	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.
<b>Southern California Border Average</b>	<i>October 17, 2012</i>	Our Southern California Border Average is a simple repeat of our Southern Border, SoCal index. There are no deliveries into PG&E in this posting.
<b>SoCal Citygate</b>	<i>August 9, 2016</i>	Deliveries to customers behind Southern California Gas' local distribution system in Southern California. Includes storage deals.
<b>Southern Natural</b>	<i>October 17, 2012</i>	Includes deliveries into the portions of Southern Natural which 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.
<b>Southern Star</b>	<i>October 17, 2012</i>	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.
<b>Stanfield</b>	<i>November 2, 2020</i>	Deliveries into/from Northwest Pipeline from/into Gas Transmission Northwest (GTN) at Stanfield, OR in Umatilla County.
<b>Tennessee Line 500</b>	<i>August 9, 2016</i>	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,
<b>Tennessee Line 800</b>	<i>August 9, 2016</i>	Includes deliveries into the "800 Leg" within Tennessee's Zone L. The 800 Leg includes all points south of the Winnsboro (#834) and Natchitoches (#40) Compressor Stations in Franklin and Natchitoches Parishes, LA, and west of mainline valve 515 in St. Mary Parish, LA. This also includes deliveries from the Blue Water Header System in the Gulf of Mexico.
<b>Tennessee Zn 4 Marcellus</b>	<i>October 17, 2012</i>	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. NGL split its previous Tennessee Zone 4 Line 300 posting into separate 313 Pool and Marcellus indexes in April 2012.

Index	Began Publishing	Description
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.
Tennessee Zn 6 Line 200	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.
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” Receipts	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	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.
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 offshore Cameron segment that 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 just south of 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. We changed the name of this index from Station 30 to Zone 1 in October 2010.
Transco Zone 3	October 17, 2012	Includes all deliveries into Transco east of (but not including) Station 45 in Beauregard Parish, LA to Station 65 in St. Helena Parish, LA. Our index also includes the Central Louisiana Gathering System that intersects with the mainline at Station 50 in Evangeline Parish, LA, and the Southeast Louisiana Gathering System that flows directly into Station 65. We changed the name of this index from Station 65 to Zone 3 in October, 2010.



Index	Began Publishing	Description
<b>Transco Zone 4</b>	<i>October 17, 2012</i>	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. We changed the name of this index from Station 85 to Zone 4 in October 2010.
<b>Transco Zone 5</b>	<i>April 15, 2019</i>	Incorporates transactions into Transco's Zone 5. Zone 5 begins at the South Carolina/Georgia border, and ends at the Maryland/Virginia border just northeast of Station 185. Our index includes deals into the North Carolina lateral that merges with the mainline at Station 165 in Pittsylvania County, VA, as well as transactions designated as WGL and Non-WGL by the IntercontinentalExchange (ICE). However, our index does not include deliveries from Cove Point LNG.
<b>Transco Zone 6, Non-NY</b>	<i>August 9, 2016</i>	A volume weighted average of the separate Transco-NNY North and South indexes.
<b>Transco Zone 6, NY</b>	<i>October 17, 2012</i>	Our Transco Zone 6 NY index captures deals delivered to the various utilities that are downstream of Linden, NJ. Those include PSE&G, National Grid (formerly KeySpan), and ConEd.
<b>Trunkline E. LA</b>	<i>April 7, 2017</i>	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.
<b>Trunkline Zone 1A</b>	<i>April 7, 2017</i>	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.
<b>Waha</b>	<i>October 17, 2012</i>	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 and Waha (EPGT) Texas Hub. Interconnecting pipelines/systems include El Paso, Gulf Coast Express, NGPL, Northern Natural, Oneok Westex, Transwestern, Atmos, Energy Transfer, Enterprise Texas, and Oasis. Our index also includes deals within the El Paso – Waha pool, and the Oneok Westex pool, points that we also publish as separate listings. NOTE (1): We began to include El Paso – Waha Pool and Oneok Westex pool transactions in our Waha index beginning November 1, 2018, in an effort to better reflect rapidly changing flows within the Permian Basin, and to add more liquidity to this listing. NOTE (2): ICE has launched a new Arena West Texas Pool location, which is comprised of the Waha Header, Trans-Pecos, OWT, Roadrunner, and Comanche Trail, starting November 1, 2018. NGI will monitor trades at this new point, and we will consider adding this listing to our Waha Hub calculation, should market conditions warrant our doing so.