

# Methodology and specifications guide

## North American natural gas

Latest update: May 2019

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## INTRODUCTION

S&P Global Platts methodologies are designed to produce price assessments that are representative of market value, and of the particular markets to which they relate. Methodology documents describe the specifications for various products reflected by Platts assessments and indices, the processes and standards Platts adheres to in collecting data, and the methods by which Platts arrives at final values for publication. These guides are freely available on Platts website for public review.

Platts discloses publicly the days of publication for its price assessments and indices, and the times during each trading day in which Platts considers transactions in determining its assessments and index levels. This schedule of publication is available on Platts website, at the following link: <http://www.platts.com/HolidayHome>.

The dates of publication and the assessment periods are subject to change in the event of circumstances that affect Platts ability to adhere to its normal publication schedule. Such circumstances include network outages, power failures, acts of terrorism and other situations that result in an interruption in Platts operations at one or more of its worldwide offices. In the event that any such circumstance occurs, Platts will endeavor, whenever feasible, to communicate publicly any changes to its publication schedule and assessment periods, with as much advance notice as possible.

All Platts methodologies reflect Platts commitment to maintaining best practices in price reporting.

Platts methodologies have evolved to reflect changing market conditions through time, and will continue to evolve as markets change. A revision history, a cumulative summary of changes to this and future updates, is included at the end of the methodology. For more information on the review and approval procedures, please visit <https://www.spglobal.com/platts/en/our-methodology/methodology-review-change>.

### How this methodology statement is organized

This description of methodology for indices and assessments is divided into seven major parts (I-VII) that parallel the entire process of producing price values for the specified market period (daily or monthly).

- Part I describes what goes into Platts indices and price values, including details on what data market participants are expected to submit, the process for submitting data and criteria for timeliness of market data submissions.
- Part II describes any security and confidentiality practices that Platts uses in handling and treating data, including the separation between Platts price reporting, news reporting and analysis.
- Part III is a detailed account of how Platts collects market data, and what Platts does with the data to formulate its indices and assessments. It includes descriptions of the methods that Platts uses for reviewing data, and the methods used to convert raw data into indices or assessments, including the procedures used to identify anomalous data. This section describes how and when judgment is applied in this process, the basis upon which transaction data may be excluded from an index, and the relative importance assigned to each criterion used in forming the price assessment. This section describes the minimum amount of transaction data required for a particular price assessment to be published, and the criteria for determining which values are indices, and which are assessments, based on reported transactions and other market information.
- Part IV explains the process for verifying that published prices comply with Platts standards.
- Part V lays out the verification and correction process for revising published prices and the criteria Platts uses to determine when it publishes a correction.

- Part VI explains how users of Platts assessments and indices can contact Platts for clarification of data that has been published, or to register a complaint. It also describes how to find out more about Platts complaint policies.
- Part VII is a list of detailed specifications for the trading locations for which Platts publishes indices or assessments in this commodity.

## PART I: DATA QUALITY AND DATA SUBMISSION

Platts objective is to ensure that the submission of transactional information and other data inputs that editors use as the basis for their price index and assessments is of the highest quality to ensure maintaining the integrity of Platts various price assessment processes.

Platts encourages entities that submit any market data for consideration in its assessment processes to submit all transaction data that they have which may be relevant to the assessment being made. Under price reporting guidelines issued by the US Federal Energy Regulatory Commission in 2003, which apply to US natural gas markets, companies should report each bilateral, arm's-length transaction between non-affiliated companies in the physical markets at all trading locations. Platts expects reported data to include all transactions done by the entity at all locations reported by Platts, not a selective subset of those locations.

In North American gas markets, Platts establishes reporting relationships with market participants in which data is submitted from a central point in the mid- or back office (a segment of the reporting entity that does not have a commercial interest in the reported prices). We expect that a reporting entity is making a good-faith effort to report completely and accurately and will have staff assigned to respond to questions concerning data submissions. The entity also is obligated to make reasonable efforts to inform Platts of any errors or omissions.

For price indices and assessments at locations in Canada, which fall outside FERC jurisdiction, Platts still anticipates entities will submit data under the same reporting guidelines.

### What to report

For final daily indices for Platts locations, report each business day all physical fixed-price deals completed prior to the industry nomination deadline (1 pm Central Prevailing Time) for next-day pipeline delivery in North America. In addition, report all physical basis transactions at Florida city-gates at a differential to Florida Gas, Zone 3. Transactions done on Friday usually are for flow on Saturday, Sunday and Monday inclusive. Trading patterns may vary in the case of holidays or when the end of a month occurs on a weekend.

For preliminary and final monthly indices for Platts locations, report all physical fixed-price deals negotiated that day for delivery throughout the next month. Also report all physical basis deals in which the basis value is negotiated on any bidweek day prior to and including the day the near-month NYMEX gas futures contract settles and the price is set by the final settlement value of the NYMEX Henry Hub contract plus or minus the negotiated basis.

Price reports should be for deliveries into the pipeline, on a dry basis, and should specify the price point. Platts also requests trades for locations where it does not currently publish indices or assessments. For those locations, use either the point's common name or the pipeline and meter designation. If sufficient trading develops at a location and is sustained, Platts would consider adding that pricing point to its listed points. In addition, information on deals at those locations adds to Platts understanding of the market.

All transactions should be listed individually. In addition to the delivery point, specify the price (\$/MMBtu or, for some Canadian transactions, C\$/gigajoule), volume (MMBtu/day or gigajoule/day), source (company name), buy/sell indicator, trade date,

start flow date, end flow date, time of transaction, counterparty name and intermediary name (broker or trading platform). Platts accepts and uses data that does not include counterparty information. However, Platts firmly believes that counterparty data is the single best way to verify reported transactions and encourages market participants to report them.

For both the daily and monthly indices, Platts policy is not to include spread trades, with the exception of NGX Transport trades. Spread trades are excluded because the two counterparties are transacting based on the difference between the two linked transactions rather than on the outright values at the locations. Again, Platts encourages companies to report these transactions, provided they are clearly labeled as one arm of a spread transaction, in order for market editors to better understand market-value relationships, as well as to consider new benchmarks for the marketplace. All spread trades, including NGX Transport trades, are subject to Platts anomalous data policies covered in this guide.

In the event that a data provider has no trade information to submit, a notification stating that fact should be sent.

### How to report

Reports should be compiled and sent to Platts by a non-commercial department of the company. Even in the case of small entities, FERC's standards state that prices should be provided by individuals separate from trading activities such as accounting or bookkeeping staff.

Price reporters should email trades in Excel or CSV format to [gasprice\\_daily@platts.com](mailto:gasprice_daily@platts.com) and [gasprice\\_daily2@platts.com](mailto:gasprice_daily2@platts.com) for daily trades and [gasprice\\_monthly@platts.com](mailto:gasprice_monthly@platts.com) and [gasprice\\_monthly2@platts.com](mailto:gasprice_monthly2@platts.com) for monthly trades.

The daily reporting deadline is 3:00 pm CPT. The monthly reporting deadline is 3:00 pm CPT on the first four days of bidweek and 2:00 pm CPT on the final day of bidweek. Price

reporters need to provide Platts with at least two contacts responsible for submissions who can answer questions about reported transactions. If a price reporter is unable to submit trade data by the submission deadline, it should notify Platts as soon as possible.

## PART II: SECURITY AND CONFIDENTIALITY

Platts is willing to sign confidentiality agreements providing for non-disclosure of submitted data except in circumstances where it is legally required to disclose the data.

Price data is e-mailed to specific Platts e-mail addresses and enters a secure network where it is accessible only by the Natural Gas Pricing team and designated administrators. Data is stored in a secure network, in accordance with Platts policies and procedures. Transaction-level price data is used only for constructing indices and assessments. Platts does not use price data from an individual source for news reporting and analytics purposes, and Platts news reporters and analysts do not have access to individual entities' transaction reports. Data aggregated from all reporting sources – e.g., changes in prices and trading volumes over time – may be used as the basis for news stories and analysis.

## PART III: CALCULATING INDICES AND MAKING ASSESSMENTS

The following section describes how Platts uses reported transactions and any other market information it has collected, in the manner described in Part II, to formulate its price indices and assessments.

### Price assessment guidelines

As a publisher, Platts places independence and impartiality at the heart of its price assessments. Platts has no financial interest in the price of the products or commodities on which

it reports. Platts overall objective is to reflect the transactable value of the commodity assessed.

For North American gas, Platts publishes price assessments in two discrete markets: the day-ahead and the monthly bidweek markets. Platts prices are available to any party who subscribes to the news or data services in which those prices are published. Platts prices are copyrighted and may not be distributed or used for commercial gain by any third party without an explicit agreement with Platts.

To ensure the published data is as robust as possible, Platts editorial systems are backed by a strong corporate structure that includes managerial and compliance oversight.

Trading in the North American gas market is relatively standardized. Traded gas packages are for pipeline-quality dry gas, with Btu content and other specifications generally set by transporting pipelines' tariffs. Gas is processed to those specifications before it is injected into the pipeline grid, removing the need for any normalization of specifications between supplies of varying quality gas. Prices are reported in US dollars per million Btu (MMBtu), except in the case of some Canadian locations where the units of measure are Canadian dollars per gigajoule (Gj). Volumes are stated as MMBtu/day or Gj/day.

## Daily market

For the daily market, Platts publishes three price components: the midpoint, the common range and the absolute range. The midpoint or index, also called the GDA (Gas Daily average), is the volume-weighted average of all the transactions reported to Platts. The absolute range shows the absolute low and high of deals reported, excluding outliers that are not used (see section below on outliers). The common range is 50% of the absolute range and is built around the midpoint. Platts publishes prices to three decimal places for ranges and the midpoint, rounded to the nearest half-cent.

In the daily market, trading generally is done for gas to flow the

next business day. Because gas volumes must be nominated to pipelines by 1 pm CPT, the deadline established by the North American Energy Standards Board, to schedule next-day delivery, that time is the cutoff used by Platts for its daily gas indices. Gas typically trades on Friday for delivery Saturday, Sunday and Monday; in cases of three-day holiday weekends, trading typically covers the extra flow day. At times when the end of a month falls on a weekend, the normal flow sequence may change. For instance, if the last day of the month falls on Saturday, gas will trade on Thursday for flow Friday-Saturday and on Friday for flow Sunday-Monday. Platts publishes a daily gas flow date calendar in advance which can be found at <https://www.platts.com/methodology-specifications/natural-gas>. In the event of a Canadian holiday falling on a Monday, for daily gas indices for Northwest, Can. Bdr. (Sumas) and Westcoast, station 2, deals done on the Friday trade date are usually for flow Saturday-Tuesday, depending on the observance of the holiday by trading companies. Indices for those locations based on deals done on Friday for Saturday-Tuesday flow would be in publications dated Monday and would be repeated Tuesday.

Platts reports both trade date and flow date data. Platts also publishes weekly and monthly averages of the daily midpoints for each location, using flow date data.

A formula is used to calculate the common range for preliminary and final daily indices for Platts and ICE locations. In most markets, the formula establishes the common range at 50% of the absolute range and builds the range around the volume-weighted average price (the midpoint). A volume-weighted price located more toward either end of the range may narrow the range further, as explained below.

An example of a common range calculation: On a given day, the lowest price, or absolute low, reported at a point was \$4.70 and the high was \$4.92. The actual volume-weighted average was \$4.843. The calculation follows this sequence:

The volume-weighted average is rounded to the nearest half-cent, so \$4.843 becomes \$4.845 (the midpoint).

The width of the absolute range is calculated, so  $\$4.92 - \$4.70 = \$0.22$ ; that figure is divided by 4, which produces an increment of .055.

That increment is subtracted and added to the rounded volume-weighted average to produce a common low and high; so,  $\$4.845 - \$0.055 = \$4.79$ , and  $\$4.845 + \$0.055 = \$4.90$ .

As part of its North American Natural Gas agreement with ICE, Platts publishes preliminary and final daily indices for Platts locations, as well as final daily indices for ICE locations. The methodology used to derive indices for Platts locations is different than ICE locations.

### Preliminary Daily Indices For Platts Locations:

Platts publishes preliminary daily indices for Platts locations shortly after the 1:00 pm CPT market close. The only trade data used in these indices are ICE Exchange trades from ICE. Both the buy and sell side of ICE Exchange trades are counted in the indices, regardless of whether the counterparties are Platts price reporters. The trades are not screened for outliers and Platts does not publish prices for locations with no trades.

### Final Daily Indices For Platts Locations:

Platts publishes final daily indices for Platts locations around 5:00 pm CPT. Platts price reporter trades and non-Platts price reporter ICE Exchange trades are used in these indices.

Platts price reporter ICE trades are removed from the ICE trade data to eliminate double counting. Both the buy and sell side of ICE trades will be counted in the indices. For trades not done on ICE, only the buy or sell side reported by the price reporter will be counted in the indices. The trades are screened for outliers using existing mechanisms as well as verifying trade data that occurs outside of the transparent trading range observed on the ICE exchange. At locations with robust trading activity, the index is the volume weighted average of all trades. However, the volume weighted average price does not always represent the average of the trading activity. Therefore, in less liquid or highly volatile markets, Platts may look at other means of determining

an index price, which could include but is not limited to the median and average of the median and volume weighted average. Platts will attempt to assess prices for locations with no trades, where viable. Platts will examine other market information to determine whether it can publish an assessment. These assessments are clearly designated by asterisks in price tables and include an assessment rationale that describes how the price was derived. Assessments are based on other market information, including but not limited to, an analysis of historical daily prices, locational spread relationships to values at related liquid pricing points, and ICE physical bids and offers. If that is not possible, Platts will publish no price for the day.

#### **Final Daily Indices For ICE Locations:**

Platts publishes daily indices for ICE locations once each day at the same time that preliminary daily indices for Platts locations are published, or shortly after the 1:00 pm CPT market close. The only trade data used in these indices are ICE Exchange trades from ICE. Both the buy and sell side of ICE Exchange trades are counted in the indices, regardless of whether the counterparties are Platts price reporters. The trades are not screened for outliers and Platts does not publish prices for locations with no trades.

### **Monthly market**

In the monthly market, gas is priced for flow on each day of the month at specified volumes. Transaction data is collected for the last five business days of the month, commonly referred to as bidweek, and Platts prices are published on the first business day of the month in which the gas will flow. Platts publishes two price components: the index and the absolute range. The index is the volume-weighted average of all the transactions reported to Platts that are used to calculate the index for each point. The absolute range shows the absolute low and high of deals reported, excluding outliers that are not used (see section below on outliers). Platts publishes fixed prices to two decimal places and basis prices to three decimal places.

In the monthly market Platts uses both physical fixed-price and physical basis transactions. In those basis transactions, the basis value is negotiated on any bidweek day prior to and including the day the near-month NYMEX gas futures contract settles and the price is set by the final settlement value of the NYMEX contract plus or minus the negotiated basis. The NYMEX futures contract expires on the third-to-last business day of the month.

As part of its North American Natural Gas agreement with ICE, Platts publishes preliminary and final monthly indices for Platts and ICE locations. The methodology used to derive indices for Platts locations is different than ICE locations.

#### **Preliminary Monthly Indices for Platts Locations:**

Platts publishes preliminary monthly indices for Platts locations at the end of each day during bidweek. Platts price reporter trades not done on ICE and ICE Exchange trades received from ICE are used in these preliminary monthly indices. Both the buy and sell side of ICE Exchange trades from ICE will be counted in the indices, regardless of whether the counterparties are Platts price reporters. ICE Exchange trades will be sourced from ICE since most price reporter trade data is not submitted until the last day of bidweek. The duplicate ICE trade will be removed from the price reporter data. For price reporter trades not done on ICE, only the buy or sell side reported by the price reporter will be counted. In addition, Platts will screen for outlying data using existing mechanisms as well as verifying trade data that occurs outside of the transparent trading range observed on the ICE exchange. Platts does not publish prices for locations with no trades.

#### **Preliminary Monthly Indices For ICE Locations:**

Platts publishes preliminary monthly indices for ICE locations at the same time as the preliminary monthly indices for Platts locations. The only trade data used in these indices are ICE Exchange trades from ICE. Both the buy and sell side of ICE Exchange trades are counted in the indices, regardless of whether the counterparties are Platts price reporters. The trades

are not screened for outliers and Platts does not publish prices for locations with no trades.

#### **Final Monthly Indices For Platts Locations:**

Platts publishes final monthly indices for Platts locations around noon on the first business day of the month. Platts price reporter trades and non-Platts price reporter ICE Exchange trades are used in these final indices.

Platts price reporter ICE trades are removed from the ICE trade data to eliminate double counting. Both the buy and sell side of ICE trades will be counted in the indices. For trades not done on ICE, only the buy or sell side reported by the price reporter will be counted in the indices. Platts screens for outlying data using existing mechanisms as well as verifying trade data that occurs outside of the transparent trading range observed on the ICE exchange. At locations with robust trading activity, the index is the volume weighted average price of all trades. However, the volume weighted average does not always represent the average of the trading activity. Therefore, in less liquid or highly volatile markets, Platts may look at other means of determining an index price, which could include but is not limited to the median and average of the median and volume weighted average. Platts will attempt to assess prices for locations with no trades, where viable. Platts will examine other market information to determine whether it can publish an assessment. These assessments are clearly designated by asterisks in price tables and include an assessment rationale that describes how the price was derived. Assessments are based on other market information, including but not limited to, an analysis of historical bidweek prices, locational spread relationships to values at related liquid pricing points, ICE physical bids and offers during bidweek, implied physical values derived from financial swaps and derivative index deals, and daily market trading at the point during bidweek. If that is not possible, Platts will publish no price for the month.

#### **Final Monthly Indices For ICE Locations:**

Platts publishes monthly indices for ICE locations at the same time as the final monthly indices for Platts locations.

The only trade data used in these indices are ICE Exchange trades from ICE. Both the buy and sell side of ICE Exchange trades are counted in the indices, regardless of whether the counterparties are Platts price reporters. The trades are not screened for outliers and Platts does not publish prices for locations with no trades.

To enhance market transparency, Platts publishes the volumes and number of transactions at each trading point in the daily and monthly price index. To provide a broad overview of market liquidity, Platts groups Platts locations in the final monthly process into three tiers: tier 1, points with volumes of at least 100,000 MMBtu/day and at least 10 trades; tier 2, volumes of 25,000 to 99,999 MMBtu/day and at least five trades; and tier 3, points with volumes below 25,000 MMBtu/day and/or fewer than five trades. Volumes, deal counts, and tier level for all monthly index locations are published in the Liquidity in North American Monthly Gas Markets table found at <http://www.platts.com/methodology-specifications/natural-gas>.

Platts also publishes the physical basis prices that are incorporated into the overall monthly market indices and ranges. The physical basis data shows the volume, deal count, low price, high price, average price, and cash equivalent price for each location at which physical basis deals are reported.

## Outliers

Platts analyses reported transactions in order to identify potential anomalous data that may be excluded from the index. This analysis includes a comparison of the trade price with bid, offer, and transaction data on the ICE Exchange. Platts believes that ICE Exchange data represents transparent and market tested values. Therefore, the ICE Exchange trading range is a key indicator for identifying anomalous data. Other analysis includes, but is not limited to standard deviation from the mean, volume, and gaps in trade prices. Platts editors will contact the reporting party for more specifics on the potential anomalous transaction.

Gaps in the market price are not in themselves anomalous. They warrant closer analysis, and might not be reflected in our final published assessments, depending on the outcome of that further analysis. Examples of potentially anomalous data could include information that might be outside normal market practice, transactional data containing unusual contractual terms, information that is incomplete (lacking full confirmation, or important details), and/or information that otherwise deviates from our methodology.

## Regional and national averages

Regional average prices are calculated in the daily and monthly markets. Each regional average price represents a straight average of the index prices at all hubs listed under a region, with exceptions in the Northeast, Upper Midwest, Southwest and Rockies/Northwest sections.

In the Northeast, the Transco, Zone 6 non-NY North and Transco, Zone 6 non-NY South indices, Transco, zone 5 delivered North and Transco, zone 5 delivered South indices, and Tennessee, Zone 6, delivered North and Tennessee, Zone 6, delivered South indices are not included in the regional average because transactions at both locations are included in the Transco, Zone 6 Non-New York index, Transco, zone 5 delivered index, and the Tennessee, zone 6 delivered index, respectively. In the Upper Midwest, the three Chicago sublistings of Chicago-Nicor, Chicago-NIPSCO and Chicago-Peoples are not included because transactions at those locations are also included in the Chicago city-gates average. In the Southwest, the El Paso, West Texas sublisting is not included because transactions at this location are also included in the El Paso, Permian Basin index. In the Rockies/Northwest section, the prices at AECO and Westcoast, Station 2 are not included as trading is reported in Canadian dollars.

The national average price is a straight average of all published Platts pricing hubs, with the exceptions of the Transco, Zone 5 North and South sublistings, Transco, Zone 6 non-NY North and non-NY South sublistings, Tennessee, Zone 6, delivered North and

South sublistings, the Chicago sublistings, El Paso, West Texas, and the Western Canadian points AECO and Westcoast, Station 2.

An evaluation process is conducted before publication on every benchmark assessment by a competent peer or manager.

## PART IV: PLATTS EDITORIAL STANDARDS

All Platts employees must adhere to the S&P Global Code of Business Ethics (COBE), which has to be signed annually. The COBE reflects S&P Global's commitment to integrity, honesty and acting in good faith in all its dealings.

In addition, Platts requires that all employees attest annually that they do not have any personal relationships or personal financial interests that may influence or be perceived to influence or interfere with their ability to perform their jobs in an objective, impartial and effective manner.

Market reporters and editors are required to ensure adherence to published methodologies as well as internal standards that require accurate records are kept in order to document their work.

Platts has a Compliance function that is independent of the editorial group. Compliance is responsible for ensuring the quality and adherence to Platts policies, standards, processes and procedures. The Compliance team conducts regular assessments of editorial operations, including checks for adherence to published methodologies.

S&P Global's internal auditor, an independent group that reports directly to the parent company's board of directors, reviews the Platts risk assessment programs.

## PART V: CORRECTIONS

Platts is committed to promptly correcting any material errors. When corrections are made, they are generally limited to corrections to data that was available when the index or assessment was calculated.

Errors that data providers should report to Platts are limited to inaccuracies in the attributes (price, volume, location, etc.) at the time the transaction was done and reported to Platts, and do not include operationally driven, after-the-fact changes in the nature of the transaction. For instance, if an interruption in transmission service forces two counterparties to alter flows and delivery points, Platts does not consider those changes to be corrections so long as the price, volume, and location information originally reported

to Platts accurately reflected those attributes at the time the trade was made and reported to Platts.

If Platts is notified of an error in a submission after a price is calculated and published, it will assess the impact of the error.

## PART VI: REQUESTS FOR CLARIFICATIONS OF DATA AND COMPLAINTS

Platts strives to provide critical information of the highest standards, to facilitate greater transparency and efficiency in physical commodity markets.

Platts customers raise questions about its methodologies and

the approach taken in price assessments, proposed methodology changes and other editorial decisions in relation to Platts price assessments or indices. Platts strongly values these interactions and encourages dialogue concerning any questions a customer or market stakeholder may have.

However, Platts recognizes that occasionally customers may not be satisfied with responses received or the services provided by Platts and wish to escalate matters. Full information about how to contact Platts to request clarification around an assessment, or make a complaint, is available on the Platts website, at: <http://www.platts.com/ContactUs/Complaints>.



## PART VII: DEFINITIONS OF THE TRADING LOCATIONS FOR WHICH PLATTS PUBLISHES DAILY AND MONTHLY INDICES OR ASSESSMENTS

The following North American natural gas specifications guide contains the primary price point specifications for Platts natural gas indices and assessments in North America. Prices are reported in US dollars per million Btu (MMBtu) or in Canadian dollars per gigajoule. All prices are for pipeline quality gas.

Price points common to both the daily and monthly markets and any differences in daily and monthly pricing methodology are noted in the descriptions.

Points are listed alphabetically within eight regions: Northeast, Appalachia, Midcontinent, Upper Midwest, East Texas, Louisiana/Southeast, Rockies/Northwest, and Southwest. For the daily market, symbols are listed for the common range (high, low, midpoint, volume), absolute range (high, low) and deal count for both the trade date and flow date(s); the weekly average and the monthly average. For the monthly market, symbols are listed for bidweek prices (high, low, index, volume) and the deal count, and for physical basis transactions, the high, low, average, volume, deal count and cash equivalent price. Platts current policy is to use physical basis transactions only at specified locations (see Part III). Basis symbols are not shown for locations where physical basis transactions are not used. Symbols also are listed for the location's tier in the monthly market.

This methodology is current at the time of publication. Platts may issue further updates and enhancements to this methodology and will announce these to subscribers through its usual publications of record. A revision history, a cumulative summary of changes since January 2012, is included at the end of this section.

### Northeast

#### Algonquin, city-gates (daily and monthly market)

Deliveries from Algonquin Gas Transmission to all distributors and end-use facilities in Connecticut, Massachusetts and Rhode Island.

#### Algonquin, receipts (daily market only)

Deliveries into Algonquin Gas Transmission from Texas Eastern Transmission at the Lambertville and Hanover, NJ, interconnects; from Transcontinental Gas Pipe Line at the Centerville, NJ, interconnect; from Columbia Gas Transmission at the Hanover, NJ, and Ramapo, NY, interconnects; from Millennium Pipeline at Ramapo, NY; from Tennessee Gas Pipeline at the Mahwah, NJ, Cheshire, CT., and Mendon, MA., interconnects; from Iroquois Gas Transmission System at the Brookfield, CT., interconnect; and from Maritimes & Northeast Pipeline at the Beverly, MA., interconnect.

#### Dracut, Mass. (daily market only)

Deliveries into Tennessee Gas Pipeline at the Dracut interconnect with Maritimes & Northeast Pipeline near Middlesex, MA. Dracut also includes gas entering from Portland Natural Gas Transmission System.

#### Iroquois, receipts (daily and monthly market)

Deliveries into Iroquois Gas Transmission System at the US-Canadian border at the Waddington interconnect with TransCanada PipeLines.

#### Iroquois, zone 1 (daily market only)

Deliveries from Iroquois Pipeline starting at, but not including, Waddington, New York and extending to and including Iroquois interconnection with the Tennessee Gas Pipeline Company at Wright, New York.

#### Iroquois, zone 2 (daily and monthly market)

Deliveries from Iroquois Gas Transmission System starting at the Athens, NY, power plant downstream to the terminus of the pipeline at Hunts Point and South Commack.

#### Niagara (daily and monthly market)

Cross-border deliveries to and from TransCanada PipeLines and the Niagara spur and loop lines, a border-crossing point between eastern Canada and the northeastern United States, north of Niagara Falls, NY Niagara Spur Loop line and Niagara Spur line interconnects are with Tennessee Gas Pipeline, National Fuel Gas Supply, Dominion Transmission and Texas Eastern Transmission.

#### Tennessee, Zone 5 (200 leg) (daily market only)

Deliveries from Tennessee Gas Pipeline Zone 5, downstream of compressor station 245 extending to and including station 254.



**Tennessee, zone 6 delivered (daily and monthly market)**

Deliveries from Tennessee Gas Pipeline on the 200 leg in Connecticut, Massachusetts, Rhode Island and New Hampshire.

**Tennessee, Zone 6, delivered North (daily and monthly market)**

Deliveries from Tennessee Gas Pipeline on the 200 leg on all legs east of Station 267 in Massachusetts and New Hampshire excluding the Hopkinton to Gloucester Lateral which begins in Hopkinton, passes through Lexington, Burlington, Wilmington, Somerville, Beverly Salem and ends in Gloucester, Massachusetts.

**Tennessee, Zone 6, delivered South (daily and monthly market)**

Deliveries from Tennessee Gas Pipeline on the 200 leg on all legs west of Station 267 in Massachusetts and New Hampshire.

**Tennessee, zone 6 (300 leg) delivered (daily)**

Deliveries from Tennessee Gas Pipeline on 300 leg in Connecticut.

**Texas Eastern, M-3 (daily and monthly market)**

Deliveries from Texas Eastern Transmission beginning at the outlet side of the Delmont compressor station in Westmoreland County, PA, easterly to all points in the M3 market zone, except for deliveries to Transcontinental Gas Pipe Line at Lower Chanceford.

**Transco, zone 5 delivered (daily and monthly market)**

Deliveries from Transcontinental Gas Pipe Line on the 30-inch, 36-inch and 42-inch lines from the Georgia-South Carolina border to the Virginia-Maryland border. Deliveries into Transco at the Pleasant Valley receipt point near

Fairfax, VA, from Dominion's Cove Point LNG terminal are not included.

**Transco, zone 5 delivered North (daily market only)**

Deliveries from Transcontinental Gas Pipe Line on the 30-inch, 36-inch and 42-inch lines north of Station 165 to the Virginia-Maryland border. Deliveries into Transco at the Pleasant Valley receipt point near Fairfax, VA, from Dominion's Cove Point LNG terminal are not included. Transactions are also included in the Transco, zone 5 delivered index.

**Transco, zone 5 delivered South (daily and monthly market)**

Deliveries from Transcontinental Gas Pipe Line on the 30-inch, 36-inch and 42-inch lines from the Georgia-South Carolina border up to and including Station 165 in Virginia. Deliveries from Transco north of Station 165 are not included. Transactions are also included in the Transco, zone 5 delivered index.

**Transco, zone 6 non-N.Y. (daily and monthly market)**

Deliveries from Transcontinental Gas Pipe Line from the start of zone 6 at the Virginia-Maryland border to the Linden, NJ, compressor station and on the 24-inch pipeline to the Wharton, PA, station. The non-New York point does not include deliveries to Public Service Electric and Gas in New Jersey, whose supply is taken downstream of Linden.

**Transco, zone 6 non-N.Y. North (daily and monthly market)**

Deliveries from Transcontinental Gas Pipe Line from Station 195 in York, Pennsylvania, to the Linden, New Jersey, compressor station and on the Leidy Line south of Clinton County, Pennsylvania. The non-New York North point does not include deliveries to Public Service Electric and Gas in New Jersey, whose supply is taken downstream of Linden. Transactions are also included in the Transco, zone 6 non-NY index.

**Transco, zone 6 non-N.Y. South (daily and monthly market)**

Deliveries from Transcontinental Gas Pipeline from the start of zone 6 at the Virginia-Maryland border to Station 195 in York, Pennsylvania. Transactions are also included in the Transco, zone 6 non-NY index.

**Transco, zone 6 N.Y. (daily and monthly market)**

Deliveries from Transcontinental Gas Pipe Line at the end of zone 6 into city-gates downstream of Linden, NJ, for New York City area distributors.

**Appalachia****Columbia Gas, Appalachia (daily and monthly market)**

Deliveries in Columbia Gas Transmission's Interruptible Paper Pool (IPP pool) from any source on Columbia Gas. Deliveries in the IPP pool, which is also known as the "TCO Pool" can originate from any source delivered into Columbia Gas' system.

**Columbia Gas, Appalachia (Non-IPP) (daily and monthly market)**

Deliveries to Columbia Gas Transmission from on-system production locations that are restricted from Columbia's IPP pool (TCO pool). This pricing location does not include transactions for gas delivered to Columbia from interconnects with other interstate pipeline systems.

**Dominion, North Point (daily market only)**

Deliveries into Dominion Transmission starting at the Valley Gate delivery point at the end of Dominion's South Point system, about 40 miles northeast of Pittsburgh in Armstrong County, PA, and

continuing north into New York and eastward across the state, crossing the Hudson River and terminating in Rensselaer County, near Albany, Troy and Schenectady, NY

### **Dominion, South Point (Dominion, Appalachia in monthly market) (daily and monthly market)**

**Deliveries into two Dominion Transmission main lines:** One runs northeast from Warren County, Ohio, midway between Cincinnati and Dayton, and merges with the second line just northeast of Pittsburgh, PA. The second line runs from Buchanan County, VA, on the Virginia-West Virginia border north to the end of the zone at Valley Gate in Armstrong County, PA.

### **Lebanon Hub (daily and monthly market)**

Deliveries to or from Texas Gas Transmission, ANR Pipeline, Texas Eastern Transmission, Panhandle Eastern Pipe Line, Columbia Gas Transmission, Dominion Gas Transmission and Rockies Express Pipeline at interconnects in the Lebanon, OH, area.

### **Leidy Hub (daily and monthly market)**

Deliveries into and from Dominion Transmission, National Fuel Gas Supply, Columbia Gas Transmission, Texas Eastern Transmission and Transcontinental Gas Pipe Line in the vicinity of the Leidy storage facility in Clinton County, PA.

### **Millennium, East receipts (daily and monthly market)**

Receipts into Millennium Pipeline downstream of the Corning compressor station in Steuben County, NY, and upstream of the Ramapo interconnect with Algonquin Gas Transmission in Rockland County, NY.

### **Tennessee, zone 4-200 leg (daily and monthly market)**

Deliveries into Tennessee Gas Pipeline at all points of receipt on the 200 line in the states of Pennsylvania and Ohio as well

as transactions at Tennessee's station 219 pool. This location does not include deliveries from Tennessee to other systems in zone 4.

### **Tennessee, zone 4-300 leg (daily and monthly market)**

Deliveries into Tennessee Gas Pipeline, zone 4-300 leg from, and including, station 315 in Tioga County, PA, to, and including, station 321 in Susquehanna County, PA.

### **Tennessee, zone 4-313 Pool (daily and monthly market)**

Transactions at Station 313 in Potter County, Pennsylvania, on Tennessee Gas Pipeline's Zone 4 300 Leg.

### **Texas Eastern M-2, receipts (daily and monthly market)**

Receipts into Texas Eastern Transmission on its 24- and 30-inch lines in the pipeline's Market Zone 2, which extends on the 24-inch line from the Illinois-Indiana state line to the suction side of Bern compressor station in Lewisville, Ohio, and on the 30-inch line from the Tennessee-Kentucky state line to the suction side of Delmont station in Westmoreland County, PA, and to the discharge side of Station Site No. 22 in southwestern Pennsylvania. (This location does not include deliveries out of Texas Eastern, M-2.)

### **Transco, Leidy Line receipts (daily and monthly market)**

Receipts into Transcontinental Gas Pipe Line's Leidy Line downstream of the Leidy and Wharton storage facilities in Clinton and Potter counties, PA, to Transco's station 505 in Hunterdon County, NJ This pricing location does not include transactions at the storage-related interconnects with Dominion Transmission, National Fuel Gas Supply, UGI Storage or Tennessee Gas Pipeline.

## **Midcontinent**

### **ANR, Okla. (daily and monthly market)**

Deliveries into ANR Pipeline at the start of the Southwest mainline at the Custer, OK., compressor station, into the Texas Panhandle north to the Greensburg, KS, station.

### **Enable Gas, East (daily and monthly market)**

Deliveries into Enable Gas Transmission's flex/neutral and north pooling areas in northeastern Arkansas and southeastern Oklahoma. The north pooling area is separated from the south pooling area by a generally northwest-to-southeast line between Le Flore County, OK, and Bolivar County, MS. The flex (or neutral) pooling area in Oklahoma comprises all of Pushmataha, Latimer, Haskell and Pittsburg counties and the northeast section of Atoka County.

### **NGPL, Amarillo receipt (daily market only)**

Deliveries into Natural Gas Pipeline Co. of America starting at the Trailblazer Pipeline interconnection in Gage County, NE, on the Amarillo mainline at compressor station 106 east to NGPL's interconnection with Northern Border Pipeline at station 109 in Keokuk County, IA.

### **NGPL, Midcontinent (daily and monthly market)**

Deliveries into Natural Gas Pipeline Co. of America starting at compressor station 155 in Wise County, TX, west to the Amarillo mainline at station 112 in Moore County in the Texas Panhandle, and then north to the Trailblazer Pipeline interconnection in Gage County, NE. Included are deliveries into NGPL at all Oklahoma points west of station 801, as well as those in North Texas north and east of station 170 and in Kansas south of station 103.

**Oneok, Okla. (daily and monthly market)**

Deliveries into Oneok Gas Transportation's mainline systems from several gathering systems, all of which are located in Oklahoma. One of the two largest is near the east-central part of the state in Pittsburg and Haskell counties. The second, in the west-central part of the state, extends from Blaine and Canadian counties southeast to Grady County. Oneok operates a single price pool for all gas coming into the system.

**Panhandle, Tx.-Okla. (daily and monthly market)**

Deliveries into Panhandle Eastern Pipe Line on two laterals running from the Texas and Oklahoma panhandles, southwestern Kansas and northwestern Oklahoma upstream of the Haven, KS, compressor station. Deliveries to Panhandle at the Haven pooling point — the demarcation between Panhandle's field and market zones — are not included.

**Southern Star, Tx.-Okla.-Kan. (daily and monthly market)**

Deliveries into Southern Star Central Gas Pipeline's system from Hemphill County in the Texas Panhandle eastward, from Carter County in south-central Oklahoma northward and from Grant County in southwestern Kansas eastward.

**Texas Eastern, M-1 24-inch (daily market only)**

Deliveries to Texas Eastern's 24-inch line downstream of the Little Rock, AR, compressor station to the Illinois-Indiana state line.

**Upper Midwest****Alliance, into interstates (daily market only)**

Deliveries from Alliance Pipeline into Vector Pipeline, Natural Gas Pipeline Co. of America, ANR Pipeline and Midwestern Gas Transmission at the tailgate of the Aux Sable plant in north-

central Illinois at the terminus of Alliance. Deliveries into the Northern Indiana Public Service, Peoples Gas Light & Coke and Nicor Gas city-gates in the Chicago area are not included.

**ANR, ML 7 (daily and monthly market)**

Deliveries into ANR Pipeline in its northern market zone starting at the Sandwich, IL, compressor station at the terminus of the Southwest mainline north through Wisconsin to the Crystal Falls, MI, interconnection with Great Lakes Gas Transmission. Also, deliveries into ANR east from Sandwich to the Defiance, Ohio, compressor station at the terminus of the Southeast mainline, and north from the Bridgman, MI., station to the Orient, MI, station.

**Chicago city-gates (daily and monthly market)**

Deliveries into the Nicor Gas, Peoples Gas Light & Coke, North Shore Gas and Northern Indiana Public Service city-gates in the Chicago metropolitan area.

**Chicago-Nicor (daily and monthly market)**

Deliveries into the Nicor Gas system in the Chicago metropolitan area. Transactions are also included in the Chicago city-gates index.

**Chicago-NIPSCO (daily and monthly market)**

Deliveries into the Northern Indiana Public Service system in the Chicago metropolitan area. Transactions are also included in the Chicago city-gates index.

**Chicago-Peoples (daily and monthly market)**

Deliveries into the Peoples Gas Light & Coke system in the Chicago metropolitan area. Transactions are also included in the Chicago city-gates index.

**Consumers Energy city-gate (daily and monthly market)**

Deliveries into all city-gates of Consumers Energy, which serves most of central Michigan and the areas around Saginaw Bay.

**Dawn, Ontario (daily and monthly market)\***

Deliveries from Union Gas' Dawn Hub, a gathering point for 15 adjacent storage pools in Ontario near Port Huron, MI, on the US-Canadian border. Included are deliveries into TransCanada PipeLines at Kirkwall, Ontario; deliveries into Great Lakes Gas Transmission at St. Clair, MI; deliveries into Consumers Energy at Bluewater, MI; deliveries into Panhandle Eastern Pipe Line at Ojibway, MI; and deliveries into Dawn storage. Deliveries from Union into TransCanada at Parkway, Ontario, are not included.

**Emerson, Viking GL (daily and monthly market)\***

Deliveries into Great Lakes Gas Transmission from TransCanada PipeLines at the Emerson 2 meter station at the US-Canadian border at Emerson, Manitoba, and deliveries into Viking Gas Transmission from TransCanada at the Emerson 1 station.

**MichCon city-gate (daily and monthly market)**

Deliveries into all city-gates of Michigan Consolidated Gas, which serves the Detroit and Grand Rapids areas and much of north and northeast Michigan. The main MichCon city-gates are located at interconnects with ANR Pipeline at Willow Run and Wolkfork, MI, Panhandle Eastern Pipe Line at River Rouge, Great Lakes Gas Transmission at Belle River, Union Gas at St. Clair Pipeline and Consumers Energy at Northville. MichCon also receives in-state production at Kalkaska.

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\*Canadian pricing point, outside of FERC jurisdiction

**Northern Border, Ventura Transfer Point (daily and monthly market)**

Deliveries on Northern Border Pipeline at its Ventura Transfer point (DRN# 125771). This location is designed to capture gas traded on Northern Border at Ventura that is not traded for delivery to Northern Natural Gas at the Northern Natural/Northern Border Ventura interconnect (DRN#4680).

**Northern, demarcation (daily and monthly market)**

Deliveries into Northern Natural Gas at the demarcation point between its production (field) and market zones, at the Clifton station in Clay County, KS.

**Northern, Ventura (daily and monthly market)**

Deliveries to Northern Natural Gas at Ventura in Hancock County, IA.

**REX, Zone 3 delivered (daily and monthly market)**

Deliveries from Rockies Express Pipeline to Natural Gas Pipeline Co. of America pipeline at the Moultrie County, IL interconnect; to Midwestern Gas Transmission at the Edgar County, IL interconnect; to ANR Pipeline at the Shelby County, IN interconnect; to the Trunkline system at the Douglas County, IL interconnect; and to the Panhandle Eastern Pipe Line at the Putnam County, IN interconnect.

**East Texas****Agua Dulce Hub (daily market only)**

Deliveries into Kinder Morgan Texas Pipelines, Houston Pipe Line, Gulf South Pipeline, Natural Gas Pipeline Co. of America, Transcontinental Gas Pipe Line, Tennessee Gas Pipeline,

TransTexas Gas, Enterprise Texas, and NET Mexico at the Agua Dulce Hub in Nueces County, TX, about 20 miles west-southwest of Corpus Christi. Deliveries from the ExxonMobil King Ranch plant are included.

**Carthage Hub (daily market only)**

Deliveries into Enable East, Gulf South Pipeline, Lone Star Pipeline, Southern Natural Gas, Kinder Morgan Texas Pipelines, Tennessee Gas Pipeline, Texas Eastern Transmission and Texas Gas Transmission at the tailgate of the Carthage, Texas, processing plant in Panola County, Texas.

**Florida Gas, zone 1 (daily and monthly market)**

Deliveries into Florida Gas Transmission beginning at compressor station 2 in Nueces County in South Texas to station 7 in Acadia Parish, LA.

**Houston Ship Channel (daily and monthly market)**

Deliveries to end-users and pipelines that serve them in the Houston Ship Channel region, an industrial area extending from the east side of Houston to Galveston Bay and northeastward to the Port Arthur-Beaumont area. Gas is delivered in this area by numerous pipelines, including Kinder Morgan Texas Pipeline, Kinder Morgan Tejas Pipeline, Houston Pipe Line and Enterprise Texas pipeline.

**Katy (daily and monthly market)**

Deliveries into Oasis Pipeline, Lone Star Pipeline, Houston Pipe Line and Kinder Morgan Texas Pipelines in the Katy, TX, area, including deliveries and receipts into and out of Katy storage.

**NGPL, S. Texas (daily and monthly market)**

Deliveries into Natural Gas Pipeline Co. of America at the

beginning of the mainline at the Thompsonville receipt point in Jim Hogg County, TX, north to compressor station 302 in Montgomery County, TX.

**NGPL, Texok zone (daily and monthly market)**

Deliveries to Natural Gas Pipeline Co. of America in all areas of the Texok zone excluding the portion in Texas and Oklahoma on the A/G Line. Applicable to the Texok zone are deliveries to NGPL from the Louisiana-Texas border westward to compressor station 302 in Montgomery County, TX, and northward to the interconnect with the Gulf Coast Mainline receipt zone in Cass County, TX. The "Texok Gulf Coast Pooling Point" is included in this posting, but the "Texok A/G Pooling Point" is not. Trades at ICE locations ICE Bennington, Oklahoma and ICE NGPL, TXOK West Pool are excluded from this location.

**Tennessee, zone 0 (daily and monthly market)**

Deliveries into Tennessee Gas Pipeline's 100 leg from the Mexico Texas border to Compressor Station 40 in Natchitoches, Louisiana, including all points of receipts on the Carthage Line No. 701-1 up to but not including transactions done at Carthage Hub in Panola County, Texas.

**Texas Eastern, E. Texas (daily and monthly market)**

Deliveries into Texas Eastern Transmission on the 24-inch line from the Huntsville, TX, compressor station to the Little Rock station in Arkansas, including the segment from Joaquin to Sharon.

**Texas Eastern, S. Texas (daily and monthly market)**

Deliveries into Texas Eastern Transmission on the 30-inch pipeline from the Mexico-Texas border to just upstream of the Vidor, TX, compressor station; and deliveries into Texas Eastern on the 24-inch pipeline from the Hagist Ranch compressor

station to just upstream of the Huntsville, TX compressor station.

### **Transco, zone 1 (daily and monthly market)**

Deliveries into Transcontinental Gas Pipe Line on two 24-inch lines running from South Texas to compressor station 30 in Wharton County, TX, which is Transco's pooling point for gas gathered on the Gulf Central Texas Lateral and for onshore coastal South Texas production.

### **Transco, zone 2 (daily and monthly market)**

Deliveries into Transcontinental Gas Pipe Line on the 30-inch line downstream of station 30 in Wharton County, TX, to compressor station 45 in Beauregard Parish, LA, the only pooling point in the zone.

## **Louisiana/Southeast**

### **ANR, La. (daily and monthly market)**

Deliveries into ANR Pipeline along the southeastern Louisiana lateral that starts offshore and runs to the Patterson, LA, compressor station onshore and on to the Eunice, LA station, where ANR's Southeast mainline begins. Also, deliveries into ANR along a second lateral that runs from the HIOS system downstream of West Cameron 167 offshore to the Grand Chenier, LA station onshore and on to the Eunice station, as well as deals done at the Eunice pool.

### **Columbia Gulf, La. (daily and monthly market)**

Deliveries into Columbia Gulf Transmission on its onshore lateral pipeline system stretching across South Louisiana, upstream of Rayne, LA. Columbia Gulf's East Lateral extends from Rayne to Venice, LA. The West Lateral runs from Rayne to west of Cameron, LA. Excluded are deals done in the

offshore rate zone, at Rayne or elsewhere in the mainline rate zone.

### **Columbia Gulf, mainline (daily and monthly market)**

Deliveries into Columbia Gulf Transmission anywhere along its mainline system zone in Louisiana and Mississippi. The mainline system extends northeast from Rayne, LA to Leach, KY.

### **Florida city-gates (daily market only)**

Deliveries from Florida Gas Transmission into all city-gates in the Florida market area, which begins in Santa Rosa County just west of station 12 in the extreme western Florida Panhandle and extends into southern Florida. Also included in the development of Florida city-gates daily index are basis deals done within the defined Florida city-gates methodology at a differential to Florida Gas, Zone 3 final daily index.

### **Florida Gas, zone 2 (daily and monthly market)**

Deliveries into Florida Gas Transmission downstream of station 7 in Acadia Parish, LA, to station 8 in East Baton Rouge Parish. Included is supply into the mainline from the White Lake Lateral and from the Chacahoula Lateral, both of which extend south from the mainline into production areas.

### **Florida Gas, zone 3 (daily and monthly market)**

Deliveries into Florida Gas Transmission downstream of compressor station 8 to just upstream of station 12 in Santa Rosa County, FL., the demarcation point with the market area. Includes deliveries between stations 8 and 12, including Mobile Bay deals into Florida Gas.

### **Henry Hub (daily and monthly market)**

Deliveries into interstate and intrastate pipelines from the outlet of Henry Hub on Sabine Pipe Line in Vermilion Parish, LA. Pipelines

include Gulf South Pipeline, Southern Natural Gas, Natural Gas Pipeline Co. of America, Texas Gas Transmission, Sabine Pipe Line, Columbia Gulf Transmission, Transcontinental Gas Pipe Line, Trunkline Gas, Jefferson Island Pipeline and Acadian Gas.

### **Southern Natural, La. (daily and monthly market)**

Deliveries into Southern Natural Gas' mainlines anywhere in Louisiana, including an eastern spur starting in Plaquemines Parish and a western spur starting in St. Mary Parish in South Louisiana, and a line that starts at the Texas-Louisiana border in DeSoto Parish and runs to the Louisiana-Mississippi border in East Carroll Parish in northern Louisiana.

### **Tennessee, Zone 1 (daily market only)**

Deliveries into Tennessee Gas Pipeline 100 Leg between Natchitoches, Louisiana and Portland, Tennessee.

### **Tennessee, La., 500 leg (daily and monthly market)**

Deliveries into Tennessee Gas Pipeline's 500 leg in zone L in southeastern Louisiana, including deliveries into the 500 Leg from the offshore Blue Water Header system. The 500 Leg meets the boundary of Zone 1 at station 534 at Purvis, MS.

### **Tennessee, La., 800 leg (daily and monthly market)**

Deliveries into Tennessee Gas Pipeline's 800 leg in zone L in southeastern Louisiana, including deliveries from the offshore Blue Water Header system. The leg meets the boundary of the market area at station 834 at Winnsboro in central Louisiana.

### **Texas Eastern, E. La. (daily and monthly market)**

Deliveries into Texas Eastern Transmission on the 30-inch line

from the Opelousas, LA, compressor station to the Kosciusko, MS, compressor station. Included are deliveries into the 30-inch pipeline from Texas Eastern's Venice Line at the New Roads, LA compressor station.

#### **Texas Eastern, W. La. (daily and monthly market)**

Deliveries into Texas Eastern Transmission on the 30-inch line from the Vidor, LA compressor station to just upstream of the Opelousas, LA compressor station. Includes deliveries from Texas Eastern's offshore Cameron Line at the Gillis, LA compressor station.

#### **Texas Eastern, M-1 30-inch (Kosi) (daily and monthly market)**

Deliveries into Texas Eastern Transmission on the 30-inch line at the Kosciusko, MS compressor station, which is the demarcation point between Texas Eastern's production and market zones. Deliveries into the 24-inch mainline are not included.

#### **Texas Gas, zone SL (daily and monthly market)**

Deliveries into Texas Gas Transmission on two southeastern Louisiana laterals, including offshore segments. The southwest spur begins offshore at Grand Chenier and runs through Cameron Parish to the Eunice compressor station. The southeast spur begins offshore and runs through Terrebonne Parish to Eunice. Zone SL extends to the vicinity where Texas Gas crosses the Red River in Rapides Parish.

#### **Texas Gas, zone 1 (daily and monthly market)**

Deliveries into Texas Gas Transmission starting just south of the Pineville, LA compressor station in Rapides Parish north to Crockett County, TN.

#### **Transco, zone 3 (daily and monthly market)**

Deliveries into Transcontinental Gas Pipe Line on the 30-inch, 36-inch and 42-inch lines downstream of compressor station 45 in Beauregard Parish, LA to station 65 on the Louisiana-Mississippi border in St. Helena Parish, LA. Pooling points in the zone are at stations 50, 62 and 65.

#### **Transco, zone 4 (daily and monthly market)**

Deliveries into Transcontinental Gas Pipe Line on the 30-inch, 36-inch and 42-inch lines downstream of compressor station 65 at the Louisiana-Mississippi border in St. Helena Parish, LA, to the Georgia-South Carolina border. Gas enters the Transco mainline from the Mobile Bay Lateral at station 85 in Butler, AL, the only zone 4 pooling point.

#### **Trunkline, La. (monthly market only)**

Deliveries into Trunkline Gas at points upstream of the Longville compressor station on the lines that do not extend to Texas.

#### **Trunkline, E. La. (daily market only)**

Deliveries into Trunkline Gas on an offshore gathering system running from south of Terrebonne Parish west to the Kaplan station in Vermilion Parish, the boundary with the WLA zone.

#### **Trunkline, W. La. (daily market only)**

Deliveries into Trunkline Gas along two laterals starting at an offshore Louisiana lateral leading to the Kaplan, LA station in Vermilion Parish, northwest to the Longville compressor station. Includes deliveries at the Kaplan compressor station, which demarcates the WLA and ELA zones.

#### **Trunkline, zone 1A (daily and monthly market)**

Deliveries to Trunkline Gas Co. in zone 1A from the discharge side of its Longville, LA, compressor station north to the suction side of its Dyersburg, TN, station, as well as transactions at Trunkline's zone 1A pool.

### **Rockies/Northwest**

#### **Cheyenne Hub (daily and monthly market)**

Deliveries into Trailblazer Pipeline, Public Service Co. of Colorado and Colorado Interstate Gas in the vicinity of the Cheyenne Hub in northeast Colorado.

#### **CIG, Rocky Mountains (daily and monthly market)**

Deliveries into Colorado Interstate Gas' 20-inch, 22-inch and 24-inch mainlines in Wyoming and Colorado. Also included are deliveries into the Parachute to Natural Buttes segment in Uintah County, Utah, and deliveries into CIG's 16-inch lateral running from the Rawlins station in Carbon County, WY to the Elk Basin station in Park County, WY. Not included are deliveries into CIG's system at points south of Cheyenne, WY.

#### **GTN, Kingsgate (daily market only)**

Deliveries into Gas Transmission Northwest from Foothills Pipeline at the Kingsgate interconnection at the US-Canadian border in Boundary County, ID. The system was previously known as PG&E Gas Transmission, Northwest.

#### **Kern River/Opal plant (daily market only)**

Deliveries into Kern River Gas Transmission at the Opal, WY, processing plant and Muddy Creek compressor station in southwestern Wyoming where Kern River interconnects with



Northwest Pipeline, Questar Pipeline and Colorado Interstate Gas. Gas traded at the Opal plant that isn't nominated into a specific pipeline is included in the daily Kern River-Opal plant pricing point.

### **Kern River, Wyoming (monthly market only)**

Deliveries into Kern River Gas Transmission anywhere in Wyoming. Transactions done at Opal, WY and the Muddy Creek compressor station, where Kern River interconnects with Northwest Pipeline, Questar Pipeline and Colorado Interstate Gas, are used in both the Kern River, Wyoming, and Northwest Pipeline, Rocky Mountain, monthly postings because gas traded at those points often isn't for nomination into a specific pipeline.

### **Northwest, Canadian border (Sumas) (daily and monthly market)\***

Deliveries into Northwest Pipeline from Westcoast Energy at the Sumas, WA.-Huntington, British Columbia, interconnection at the US-Canadian border.

### **Northwest, S. of Green River (daily market only)**

Deliveries into Northwest Pipeline from the Green River, WY compressor station south to the La Plata interconnection with El Paso Natural Gas in the San Juan Basin in La Plata County, CO. Included are deliveries from Clay Basin storage, the Piceance Basin and the Ignacio plant.

### **Northwest, Wyoming pool (daily market only)**

Deliveries into Northwest Pipeline from the Green River, WY compressor station to the Kemmerer, WY station. Included are deliveries at the Opal, WY plant as well as at the Painter, Anschutz, Muddy Creek, Granger, Shute Creek and Whitney stations.

### **Northwest, Rocky Mountains (monthly market only)**

Deliveries into Northwest Pipeline's mainline in Wyoming, Utah and Colorado between the Kemmerer and Moab stations. Deliveries at Ignacio, CO and elsewhere in zone MO are excluded. Transactions done at Opal, WY, and the Muddy Creek compressor station, where Northwest interconnects with Kern River Gas Transmission, Questar Pipeline and Colorado Interstate Gas, are used in both the Kern River, Wyoming, and Northwest Pipeline, Rocky Mountain monthly postings because gas traded at those points often isn't for nomination into a specific pipeline.

### **PG&E, Malin (daily and monthly market)**

Deliveries into Pacific Gas and Electric's Lines 400 and 401 at the Oregon-California border at Malin, OR. This location includes deliveries from Gas Transmission Northwest and Ruby Pipeline.

### **Questar, Rocky Mountains (daily market only)**

Deliveries into Questar Pipeline on its North system, which runs from northwestern Colorado through southern Wyoming to Salt Lake City, and on its South system, which runs from western Colorado to Payson, Utah, east of the Fidar compressor station. A 20-inch line running parallel to the Utah-Colorado border connects the two systems. This point was discontinued in the monthly market effective May 1, 2014. It continues to be published in the daily market.

### **Stanfield, Ore. (daily market only)**

Deliveries into Northwest Pipeline from Gas Transmission Northwest at the Stanfield compressor station in Umatilla County, OR on the Oregon-Washington border. This point was discontinued in the monthly market effective Jan. 1, 2012. It continues to be published in the daily market.

### **TCPL Alberta, AECO-C (daily and monthly market)\***

Deliveries into TransCanada's Alberta System at the AECO-C, NIT Hub in southeastern Alberta. AECO-C is the principal storage facility and hub on TCPL Alberta; paying the rate for NIT service, or Nova Inventory Transfer, will cover transmission for delivery of gas to AECO-C and most other points. The monthly bidweek posting is composed of fixed-price deals only. The price is reported in Canadian dollars per gigajoule.

### **TCPL Alberta, AECO-C Physical Basis (monthly market only)\***

Deliveries on TransCanada's Alberta System at the AECO-C, NIT Hub in southeastern Alberta. Posting is composed of physical basis deals in which the basis value is negotiated on one of the first three days of bidweek and the price is set by the final closing value of the near-month NYMEX futures contract plus or minus the negotiated basis. AECO-C is the principal storage facility and hub on TCPL Alberta; paying the rate for NIT service, or Nova Inventory Transfer, will cover transmission for delivery of gas to AECO-C and most other points. The price is reported in US dollars per MMBtu.

### **Westcoast, station 2 (daily and monthly market)\***

Deliveries into Westcoast Energy at compressor station 2 in north-central British Columbia. The price is reported in Canadian dollars per gigajoule. This point was added to the monthly bidweek market effective for December 2013 delivery.

### **White River Hub (daily market only)**

Deliveries to or from pools or interconnects that make up the White River Hub in Rio Blanco County, Colorado.

\*Canadian pricing point, outside of FERC jurisdiction



## Southwest

### El Paso, Bondad (daily market only)

Deliveries into El Paso Natural Gas at the Bondad compressor station in the San Juan Basin. Bondad is located in the northern part of the San Juan Basin in La Plata County, CO, south of the Ignacio plant on Northwest Pipeline and north of the Blanco plant on El Paso.

### El Paso, Permian Basin (daily and monthly market)

Deliveries into El Paso Natural Gas in the Permian Basin from three pools: the Waha plant south (Waha pool), the Keystone station south to Waha (Keystone pool) and the Plains station south to Keystone (Plains pool).

### El Paso, San Juan Basin (daily and monthly market)

Deliveries into El Paso Natural Gas south of the Bondad compressor station in the San Juan Basin, including gas from the Blanco, Chaco, Rio Vista, Milagro and Valverde plants in New Mexico.

### El Paso, South Mainline (daily market only)

Deliveries on El Paso's south mainline at points between Cornudas station in West Texas to but not including Ehrenberg, AZ.

### El Paso, West Texas (daily and monthly):

Deliveries into El Paso Natural Gas in West Texas from two pools: the Waha plant south (Waha Pool), and the Keystone

station south to Waha (Keystone Pool).

### Kern River, delivered (daily market only)

Deliveries from Kern River Gas Transmission upstream of the Southern California Gas system in the Las Vegas, NV, area; excluded are deliveries at Wheeler Ridge, Kramer Junction and Daggett.

### PG&E, city-gate (daily and monthly market)

Deliveries from Pacific Gas and Electric's intrastate transmission system to city-gates on PG&E's local distribution system in Northern California.

### PG&E, South (daily and monthly market)

Deliveries into Pacific Gas and Electric in Southern California from El Paso Natural Gas and Transwestern Pipeline at Topock, CA; from Kern River Gas Transmission at Daggett, CA, and the High Desert Lateral; from Southern California Gas at the Kern River station; and from Questar Southern Trails Pipeline at Essex, CA.

### SoCal Gas (daily and monthly market)

Deliveries into Southern California Gas from El Paso Natural Gas at Topock, CA, and Blythe, CA (Ehrenberg, AZ); from Transwestern Pipeline at Topock-Needles, CA; from Kern River Gas Transmission at Wheeler Ridge and Kramer Junction, CA; and from Questar Southern Trails Pipeline at Needles. The point also includes deliveries from Pacific Gas and Electric at several points, including Kern River station and Pisgah-Daggett; and in-state production.

### SoCal Gas, city-gate (daily and monthly market)

Deliveries at Southern California Gas' city-gate pool. The SoCal Gas city-gate pool is a "virtual" trading location on SoCal Gas' system for deliveries to and from holders of the distributor's city-gate pool contracts. This point includes storage transactions delivered to and from the city-gate pool.

### Transwestern, Permian Basin (daily and monthly market)

Deliveries into Transwestern Pipeline from the West Texas zone located southeast and southwest of the WT-1 compressor station in Lea County, NM and the Central zone bordered by station 8 in Lincoln County, NM, to the northwest, station P-1 in Roosevelt County, NM, to the east and station WT-1 in Eddy County, NM to the south.

### Transwestern, San Juan Basin (daily and monthly market)

Deliveries to Transwestern Pipeline at points included in Transwestern's Blanco Hub in San Juan County, NM.

### Waha (daily and monthly market)

Deliveries into interstate and intrastate pipelines at the outlet of the Waha header system in the Permian Basin in West Texas. Pipelines and locations include El Paso Natural Gas, Transwestern Pipeline, Natural Gas Pipeline Co. of America, Northern Natural Gas, Delhi Pipeline, Oasis Pipeline, Atmos Zone 1, OneOk West Tex, and Enterprise Texas Pipeline. Does not include Atmos Zone 3 or Tolar Hub.

**PLATTS LOCATIONS DAILY SYMBOLS**

Name of Indices  Description of Symbol  Market Data Category Bates Published	Final Daily Indices By Trade Date			Preliminary Daily Indices By Trade Date			Final Daily Indices By Flow Date					Preliminary Daily Indices By Flow Date				
	Index and Common Range	Absolute Range	Deal Count	Index and Common Range	Absolute Range	Deal Count	Index and Common Range	Absolute Range	Deal Count	Weekly Average	Monthly Average	Index and Common Range	Absolute Range	Deal Count	Weekly Average	Monthly Average
	GD	GD	GD	GI	GI	GI	GD	GD	GD	GD	GD	GI	GI	GI	GI	GI
	h,l,u,w	h,l	u	h,l,c,w	h,l	u	h,l,u,w	h,l	u	h,l,u	u	h,l,c,w	h,l	u	h,l,c	c
Algonquin, city-gates	IGBEE00	IGBEE20	BGBEE00	PXBEE00	PXBEE20	PMBEE00	IGBEE21	IGBEE22	BGBEE21	IGBEE04	IGBEE06	PNBEE21	POBEE22	PPBEE21	PRBEE04	PSBEE06
Algonquin, receipts	IGBDK00	IGBDK20	BGBDK00	PXBDK00	PXBDK20	PMBDK00	IGBDK21	IGBDK22	BGBDK21	IGBDK04	IGBDK06	PNBDK21	POBDK22	PPBDK21	PRBDK04	PSBDK06
Dracut, Mass.	IGBDW00	IGBDW20	BGBDW00	PXBDW00	PXBDW20	PMBDW00	IGBDW21	IGBDW22	BGBDW21	IGBDW04	IGBDW06	PNBDW21	POBDW22	PPBDW21	PRBDW04	PSBDW06
Iroquois, receipts	IGBCR00	IGBCR20	BGBCR00	PXBCR00	PXBCR20	PMBCR00	IGBCR21	IGBCR22	BGBCR21	IGBCR04	IGBCR06	PNBCR21	POBCR22	PPBCR21	PRBCR04	PSBCR06
Iroquois, zone 1 (delivered excl. Waddington)	IGBRP00	IGBRP20	BGBRP00	PXBRP00	PXBRP20	PMBRP00	IGBRP21	IGBRP22	BGBRP21	IGBRP04	IGBRP06	PNBRP21	POBRP22	PPBRP21	PRBRP04	PSBRP06
Iroquois, zone 2	IGBEJ00	IGBEJ20	BGBEJ00	PXBEJ00	PXBEJ20	PMBEJ00	IGBEJ21	IGBEJ22	BGBEJ21	IGBEJ04	IGBEJ06	PNBEJ21	POBEJ22	PPBEJ21	PRBEJ04	PSBEJ06
Niagara	IGBCS00	IGBCS20	BGBCS00	PXBCS00	PXBCS20	PMBCS00	IGBCS21	IGBCS22	BGBCS21	IGBCS04	IGBCS06	PNBCS21	POBCS22	PPBCS21	PRBCS04	PSBCS06
Tennessee, zone 5-200 leg	IGBRQ00	IGBRQ20	BGBRQ00	PXBRQ00	PXBRQ20	PMBRQ00	IGBRQ21	IGBRQ22	BGBRQ21	IGBRQ04	IGBRQ06	PNBRQ21	POBRQ22	PPBRQ21	PRBRQ04	PSBRQ06
Tennessee zone 6 (300 leg) del.	IGBJC00	IGBJC20	BGBJC00	PXBJC00	PXBJC20	PMBJC00	IGBJC21	IGBJC22	BGBJC21	IGBJC04	IGBJC06	PNBJC21	POBJC22	PPBJC21	PRBJC04	PSBJC06
Tennessee, zone 6 delivered	IGBEI00	IGBEI20	BGBEI00	PXBEI00	PXBEI20	PMBEI00	IGBEI21	IGBEI22	BGBEI21	IGBEI04	IGBEI06	PNBEI21	POBEI22	PPBEI21	PRBEI04	PSBEI06
Tennessee, Zone 6, delivered North	IGBRR00	IGBRR20	BGBRR00	PXBRR00	PXBRR20	PMBRR00	IGBRR21	IGBRR22	BGBRR21	IGBRR04	IGBRR06	PNBRR21	POBRR22	PPBRR21	PRBRR04	PSBRR06
Tennessee, Zone 6, delivered South	IGBRS00	IGBRS20	BGBRS00	PXBRS00	PXBRS20	PMBRS00	IGBRS21	IGBRS22	BGBRS21	IGBRS04	IGBRS06	PNBRS21	POBRS22	PPBRS21	PRBRS04	PSBRS06
Texas Eastern, M-3	IGBEK00	IGBEK20	BGBEK00	PXBK00	PXBK20	PMBEK00	IGBEK21	IGBEK22	BGBEK21	IGBEK04	IGBEK06	PNBEK21	POBEK22	PPBEK21	PRBEK04	PSBEK06
Transco, zone 5 delivered	IGBEN00	IGBEN20	BGBEN00	PXBEN00	PXBEN20	PMBEN00	IGBEN21	IGBEN22	BGBEN21	IGBEN04	IGBEN06	PNBEN21	POBEN22	PPBEN21	PRBEN04	PSBEN06
Transco, zone 5 delivered North	IGCGL00	IGCGL20	CGCGL00	PXCGL00	PXCGL20	PMCGL00	IGCGL21	IGCGL22	CGCGL21	IGCGL04	IGCGL06	PNCGL21	POCGL22	PPCGL21	PRCGL04	PSCGL06
Transco, zone 5 delivered South	IGCHL00	IGCHL20	CGCHL00	PXCHL00	PXCHL20	PMCHL00	IGCHL21	IGCHL22	CGCHL21	IGCHL04	IGCHL06	PNCHL21	POCHL22	PPCHL21	PRCHL04	PSCHL06
Transco, zone 6 N.Y.	IGBEM00	IGBEM20	BGBEM00	PXBEM00	PXBEM20	PMBEM00	IGBEM21	IGBEM22	BGBEM21	IGBEM04	IGBEM06	PNBEM21	POBEM22	PPBEM21	PRBEM04	PSBEM06
Transco, zone 6 non-N.Y.	IGBEL00	IGBEL20	BGBEL00	PXBEL00	PXBEL20	PMBEL00	IGBEL21	IGBEL22	BGBEL21	IGBEL04	IGBEL06	PNBEL21	POBEL22	PPBEL21	PRBEL04	PSBEL06
Transco Zone 6 non-NY North	IGBJS00	IGBJS20	BGBJS00	PXBJS00	PXBJS20	PMBJS00	IGBJS21	IGBJS22	BGBJS21	IGBJS04	IGBJS06	PNBJS21	POBJS22	PPBJS21	PRBJS04	PSBJS06
Transco Zone 6 non-NY South	IGBJT00	IGBJT20	BGBJT00	PXBJT00	PXBJT20	PMBJT00	IGBJT21	IGBJT22	BGBJT21	IGBJT04	IGBJT06	PNBJT21	POBJT22	PPBJT21	PRBJT04	PSBJT06
<b>Northeast Regional Average</b>	<b>IGCAA03</b>															
Columbia Gas, Appalachia	IGBDE00	IGBDE20	BGBDE00	PXBDE00	PXBDE20	PMBDE00	IGBDE21	IGBDE22	BGBDE21	IGBDE04	IGBDE06	PNBDE21	POBDE22	PPBDE21	PRBDE04	PSBDE06
Columbia Gas, Appalachia (Non-IPP)	IGBJU00	IGBJU20	BGBJU00	PXBJU00	PXBJU20	PMBJU00	IGBJU21	IGBJU22	BGBJU21	IGBJU04	IGBJU06	PNBJU21	POBJU22	PPBJU21	PRBJU04	PSBJU06
Dominion, North Point	IGBDB00	IGBDB20	BGBDB00	PXBDB00	PXBDB20	PMBDB00	IGBDB21	IGBDB22	BGBDB21	IGBDB04	IGBDB06	PNBDB21	POBDB22	PPBDB21	PRBDB04	PSBDB06
Dominion, South Point	IGBDC00	IGBDC20	BGBDC00	PXBDC00	PXBDC20	PMBDC00	IGBDC21	IGBDC22	BGBDC21	IGBDC04	IGBDC06	PNBDC21	POBDC22	PPBDC21	PRBDC04	PSBDC06
Lebanon Hub	IGBFJ00	IGBFJ20	BGBFJ00	PXBFJ00	PXBFJ20	PMBFJ00	IGBFJ21	IGBFJ22	BGBFJ21	IGBFJ04	IGBFJ06	PNBFJ21	POBFJ22	PPBFJ21	PRBFJ04	PSBFJ06
Leidy Hub	IGBDD00	IGBDD20	BGBDD00	PXBDD00	PXBDD20	PMBDD00	IGBDD21	IGBDD22	BGBDD21	IGBDD04	IGBDD06	PNBDD21	POBDD22	PPBDD21	PRBDD04	PSBDD06
Millennium, East receipts	IGBIW00	IGBIW20	BGBIW00	PXBIW00	PXBIW20	PMBIW00	IGBIW21	IGBIW22	BGBIW21	IGBIW04	IGBIW06	PNBIW21	POBIW22	PPBIW21	PRBIW04	PSBIW06
Tennessee, zone 4-200 leg	IGBJN00	IGBJN20	BGBJN00	PXBJN00	PXBJN20	PMBJN00	IGBJN21	IGBJN22	BGBJN21	IGBJN04	IGBJN06	PNBJN21	POBJN22	PPBJN21	PRBJN04	PSBJN06
Tennessee, zone 4-300 leg	IGBFL00	IGBFL20	BGBFL00	PXBFL00	PXBFL20	PMBFL00	IGBFL21	IGBFL22	BGBFL21	IGBFL04	IGBFL06	PNBFL21	POBFL22	PPBFL21	PRBFL04	PSBFL06
Tennessee, zone 4-313 Pool	IGCFL00	IGCFL20	CGCFL00	PXCFL00	PXCFL20	PMCFL00	IGCFL21	IGCFL22	CGCFL21	IGCFL04	IGCFL06	PNCFL21	POCFL22	PPCFL21	PRCFL04	PSCFL06

## PLATTS LOCATIONS DAILY SYMBOLS

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	Description of Symbol	Index and Common Range	Absolute Range	Deal Count	Index and Common Range	Absolute Range	Deal Count	Index and Common Range	Absolute Range	Deal Count	Weekly Average	Monthly Average	Index and Common Range	Absolute Range	Deal Count	Weekly Average	Monthly Average
Market Data Category	GD	GD	GD	GI	GI	GI	GD	GD	GD	GD	GD	GD	GI	GI	GI	GI	GI
Bates Published	h,l,u,w	h,l	u	h,l,c,w	h,l	u	h,l,u,w	h,l	u	h,l,u	u	h,l,c,w	h,l	u	h,l,c	c	
Texas Eastern, M-2, receipts	IGBJE00	IGBJE20	BGBJE00	PXBJE00	PXBJE20	PMBJE00	IGBJE21	IGBJE22	BGBJE21	IGBJE04	IGBJE06	PNBJE21	POBJE22	PPBJE21	PRBJE04	PSBJE06	
Transco, Leidy Line receipts	IGBIS00	IGBIS20	BGBIS00	PXBIS00	PXBIS20	PMBIS00	IGBIS21	IGBIS22	BGBIS21	IGBIS04	IGBIS06	PNBIS21	POBIS22	PPBIS21	PRBIS04	PSBIS06	
<b>Appalachia Regional Average</b>	<b>IGDAA00</b>																
ANR, Okla.	IGBBY00	IGBBY20	BGBBY00	PXBBY00	PXBBY20	PMBBY00	IGBBY21	IGBBY22	BGBBY21	IGBBY04	IGBBY06	PNBBY21	POBBY22	PPBBY21	PRBBY04	PSBBY06	
Enable Gas, East	IGBCA00	IGBCA20	BGBCA00	PXBCA00	PXBCA20	PMBCA00	IGBCA21	IGBCA22	BGBCA21	IGBCA04	IGBCA06	PNBCA21	POBCA22	PPBCA21	PRBCA04	PSBCA06	
NGPL, Amarillo receipt	IGBDR00	IGBDR20	BGBDR00	PXBDR00	PXBDR20	PMBDR00	IGBDR21	IGBDR22	BGBDR21	IGBDR04	IGBDR06	PNBDR21	POBDR22	PPBDR21	PRBDR04	PSBDR06	
NGPL, Midcontinent	IGBBZ00	IGBBZ20	BGBBZ00	PXBBZ00	PXBBZ20	PMBBZ00	IGBBZ21	IGBBZ22	BGBBZ21	IGBBZ04	IGBBZ06	PNBBZ21	POBBZ22	PPBBZ21	PRBBZ04	PSBBZ06	
Oneok, Okla.	IGBCD00	IGBCD20	BGBCD00	PXBCD00	PXBCD20	PMBCD00	IGBCD21	IGBCD22	BGBCD21	IGBCD04	IGBCD06	PNBCD21	POBCD22	PPBCD21	PRBCD04	PSBCD06	
Panhandle, Tx.-Okla.	IGBCE00	IGBCE20	BGBCE00	PXBCE00	PXBCE20	PMBCE00	IGBCE21	IGBCE22	BGBCE21	IGBCE04	IGBCE06	PNBCE21	POBCE22	PPBCE21	PRBCE04	PSBCE06	
Southern Star, Tx.-Okla.-Kan.	IGBCF00	IGBCF20	BGBCF00	PXBCE00	PXBCE20	PMBCE00	IGBCF21	IGBCF22	BGBCF21	IGBCF04	IGBCF06	PNBCF21	POBCF22	PPBCF21	PRBCF04	PSBCF06	
Texas Eastern, M-1 24-inch	IGBET00	IGBET20	BGBET00	PXBET00	PXBET20	PMBET00	IGBET21	IGBET22	BGBET21	IGBET04	IGBET06	PNBET21	POBET22	PPBET21	PRBET04	PSBET06	
<b>Midcontinent Regional Average</b>	<b>IGEAA00</b>																
Alliance, into interstates	IGBDP00	IGBDP20	BGBDP00	PXBDP00	PXBDP20	PMBDP00	IGBDP21	IGBDP22	BGBDP21	IGBDP04	IGBDP06	PNBDP21	POBDP22	PPBDP21	PRBDP04	PSBDP06	
ANR, ML 7	IGBDQ00	IGBDQ20	BGBDQ00	PXBDQ00	PXBDQ20	PMBDQ00	IGBDQ21	IGBDQ22	BGBDQ21	IGBDQ04	IGBDQ06	PNBDQ21	POBDQ22	PPBDQ21	PRBDQ04	PSBDQ06	
Chicago city-gates	IGBDX00	IGBDX20	BGBDX00	PXBDX00	PXBDX20	PMBDX00	IGBDX21	IGBDX22	BGBDX21	IGBDX04	IGBDX06	PNBDX21	POBDX22	PPBDX21	PRBDX04	PSBDX06	
Chicago - Nicor	IGBEX00	IGBEX20	BGBEX00	PXBEX00	PXBEX20	PMBEX00	IGBEX21	IGBEX22	BGBEX21	IGBEX04	IGBEX06	PNBEX21	POBEX22	PPBEX21	PRBEX04	PSBEX06	
Chicago - NIPSCO	IGBFX00	IGBFX20	BGBFX00	PXBFX00	PXBFX20	PMBFX00	IGBFX21	IGBFX22	BGBFX21	IGBFX04	IGBFX06	PNBFX21	POBFX22	PPBFX21	PRBFX04	PSBFX06	
Chicago - Peoples	IGBGX00	IGBGX20	BGBGX00	PXBGX00	PXBGX20	PMBGX00	IGBGX21	IGBGX22	BGBGX21	IGBGX04	IGBGX06	PNBGX21	POBGX22	PPBGX21	PRBGX04	PSBGX06	
Consumers Energy city-gate	IGBDY00	IGBDY20	BGBDY00	PXBDY00	PXBDY20	PMBDY00	IGBDY21	IGBDY22	BGBDY21	IGBDY04	IGBDY06	PNBDY21	POBDY22	PPBDY21	PRBDY04	PSBDY06	
Dawn, Ontario	IGBCX00	IGBCX20	BGBCX00	PXBCX00	PXBCX20	PMBCX00	IGBCX21	IGBCX22	BGBCX21	IGBCX04	IGBCX06	PNBCX21	POBCX22	PPBCX21	PRBCX04	PSBCX06	
Emerson, Viking GL	IGBCW00	IGBCW20	BGBCW00	PXBCW00	PXBCW20	PMBCW00	IGBCW21	IGBCW22	BGBCW21	IGBCW04	IGBCW06	PNBCW21	POBCW22	PPBCW21	PRBCW04	PSBCW06	
MichCon city-gate	IGBDZ00	IGBDZ20	BGBDZ00	PXBDZ00	PXBDZ20	PMBDZ00	IGBDZ21	IGBDZ22	BGBDZ21	IGBDZ04	IGBDZ06	PNBDZ21	POBDZ22	PPBDZ21	PRBDZ04	PSBDZ06	
Northern Border, Ventura TP	IGBGH00	IGBGH20	BGBGH00	PXBGH00	PXBGH20	PMBGH00	IGBGH21	IGBGH22	BGBGH21	IGBGH04	IGBGH06	PNBGH21	POBGH22	PPBGH21	PRBGH04	PSBGH06	
Northern, demarcation	IGBDV00	IGBDV20	BGBDV00	PXBDV00	PXBDV20	PMBDV00	IGBDV21	IGBDV22	BGBDV21	IGBDV04	IGBDV06	PNBDV21	POBDV22	PPBDV21	PRBDV04	PSBDV06	
Northern, Ventura	IGBDU00	IGBDU20	BGBDU00	PXBDU00	PXBDU20	PMBDU00	IGBDU21	IGBDU22	BGBDU21	IGBDU04	IGBDU06	PNBDU21	POBDU22	PPBDU21	PRBDU04	PSBDU06	
REX, zone 3 delivered	IGBRO00	IGBRO20	BGBRO00	PXBRO00	PXBRO20	PMBRO00	IGBRO21	IGBRO22	BGBRO21	IGBRO04	IGBRO06	PNBRO21	POBRO22	PPBRO21	PRBRO04	PSBRO06	
<b>Upper Midwest Regional Average</b>	<b>IGFAA00</b>																
Agua Dulce Hub	IGBAV00	IGBAV20	BGBAV00	PXBAV00	PXBAV20	PMBAV00	IGBAV21	IGBAV22	BGBAV21	IGBAV04	IGBAV06	PNBAV21	POBAV22	PPBAV21	PRBAV04	PSBAV06	
Carthage Hub	IGBAF00	IGBAF20	BGBAF00	PXBAF00	PXBAF20	PMBAF00	IGBAF21	IGBAF22	BGBAF21	IGBAF04	IGBAF06	PNBAF21	POBAF22	PPBAF21	PRBAF04	PSBAF06	
Florida Gas, zone 1	IGBAW00	IGBAW20	BGBAW00	PXBAW00	PXBAW20	PMBAW00	IGBAW21	IGBAW22	BGBAW21	IGBAW04	IGBAW06	PNBAW21	POBAW22	PPBAW21	PRBAW04	PSBAW06	
Houston Ship Channel	IGBAP00	IGBAP20	BGBAP00	PXBAP00	PXBAP20	PMBAP00	IGBAP21	IGBAP22	BGBAP21	IGBAP04	IGBAP06	PNBAP21	POBAP22	PPBAP21	PRBAP04	PSBAP06	
Katy	IGBAQ00	IGBAQ20	BGBAQ00	PXBAQ00	PXBAQ20	PMBAQ00	IGBAQ21	IGBAQ22	BGBAQ21	IGBAQ04	IGBAQ06	PNBAQ21	POBAQ22	PPBAQ21	PRBAQ04	PSBAQ06	

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	GD	GD	GD	GI	GI	GI	GD	GD	GD	GD	GD	GI	GI	GI	GI	GI
<b>Description of Symbol</b>	<b>h,l,u,w</b>	<b>h,l</b>	<b>u</b>	<b>h,l,c,w</b>	<b>h,l</b>	<b>u</b>	<b>h,l,u,w</b>	<b>h,l</b>	<b>u</b>	<b>h,l,u</b>	<b>u</b>	<b>h,l,c,w</b>	<b>h,l</b>	<b>u</b>	<b>h,l,c</b>	<b>c</b>
<b>Market Data Category</b>	<b>GD</b>	<b>GD</b>	<b>GD</b>	<b>GI</b>	<b>GI</b>	<b>GI</b>	<b>GD</b>	<b>GD</b>	<b>GD</b>	<b>GD</b>	<b>GD</b>	<b>GI</b>	<b>GI</b>	<b>GI</b>	<b>GI</b>	<b>GI</b>
<b>Bates Published</b>	<b>h,l,u,w</b>	<b>h,l</b>	<b>u</b>	<b>h,l,c,w</b>	<b>h,l</b>	<b>u</b>	<b>h,l,u,w</b>	<b>h,l</b>	<b>u</b>	<b>h,l,u</b>	<b>u</b>	<b>h,l,c,w</b>	<b>h,l</b>	<b>u</b>	<b>h,l,c</b>	<b>c</b>
NGPL, STX	IGBAZ00	IGBAZ20	BGBAZ00	PXBAZ00	PXBAZ20	PMBAZ00	IGBAZ21	IGBAZ22	BGBAZ21	IGBAZ04	IGBAZ06	PNBAZ21	POBAZ22	PPBAZ21	PRBAZ04	PSBAZ06
NGPL, Texok zone	IGBAL00	IGBAL20	BGBAL00	PXBAL00	PXBAL20	PMBAL00	IGBAL21	IGBAL22	BGBAL21	IGBAL04	IGBAL06	PNBAL21	POBAL22	PPBAL21	PRBAL04	PSBAL06
Tennessee, zone 0	IGBBA00	IGBBA20	BGBBA00	PXBBA00	PXBBA20	PMBBA00	IGBBA21	IGBBA22	BGBBA21	IGBBA04	IGBBA06	PNBBA21	POBBA22	PPBBA21	PRBBA04	PSBBA06
Texas Eastern, ETX	IGBAN00	IGBAN20	BGBAN00	PXBAN00	PXBAN20	PMBAN00	IGBAN21	IGBAN22	BGBAN21	IGBAN04	IGBAN06	PNBAN21	POBAN22	PPBAN21	PRBAN04	PSBAN06
Texas Eastern, STX	IGBBB00	IGBBB20	BGBBB00	PXBBB00	PXBBB20	PMBBB00	IGBBB21	IGBBB22	BGBBB21	IGBBB04	IGBBB06	PNBBB21	POBBB22	PPBBB21	PRBBB04	PSBBB06
Transco, zone 1	IGBBC00	IGBBC20	BGBBC00	PXBBC00	PXBBC20	PMBBC00	IGBBC21	IGBBC22	BGBBC21	IGBBC04	IGBBC06	PNBBC21	POBBC22	PPBBC21	PRBBC04	PSBBC06
Transco, zone 2	IGBBU00	IGBBU20	BGBBU00	PXBBU00	PXBBU20	PMBBU00	IGBBU21	IGBBU22	BGBBU21	IGBBU04	IGBBU06	PNBBU21	POBBU22	PPBBU21	PRBBU04	PSBBU06
<b>East Texas Regional Average</b>	<b>IGGAA00</b>															
ANR, La.	IGBBF00	IGBBF20	BGBBF00	PXBBF00	PXBBF20	PMBBF00	IGBBF21	IGBBF22	BGBBF21	IGBBF04	IGBBF06	PNBBF21	POBBF22	PPBBF21	PRBBF04	PSBBF06
Columbia Gulf, La.	IGBBG00	IGBBG20	BGBBG00	PXBBG00	PXBBG20	PMBBG00	IGBBG21	IGBBG22	BGBBG21	IGBBG04	IGBBG06	PNBBG21	POBBG22	PPBBG21	PRBBG04	PSBBG06
Columbia Gulf, mainline	IGBBH00	IGBBH20	BGBBH00	PXBBH00	PXBBH20	PMBBH00	IGBBH21	IGBBH22	BGBBH21	IGBBH04	IGBBH06	PNBBH21	POBBH22	PPBBH21	PRBBH04	PSBBH06
Florida city-gates	IGBED00	IGBED20	BGBED00	PXBED00	PXBED20	PMBED00	IGBED21	IGBED22	BGBED21	IGBED04	IGBED06	PNBED21	POBED22	PPBED21	PRBED04	PSBED06
Florida Gas, zone 2	IGBBJ00	IGBBJ20	BGBBJ00	PXBBJ00	PXBBJ20	PMBBJ00	IGBBJ21	IGBBJ22	BGBBJ21	IGBBJ04	IGBBJ06	PNBBJ21	POBBJ22	PPBBJ21	PRBBJ04	PSBBJ06
Florida Gas, zone 3	IGBBK00	IGBBK20	BGBBK00	PXBBK00	PXBBK20	PMBBK00	IGBBK21	IGBBK22	BGBBK21	IGBBK04	IGBBK06	PNBBK21	POBBK22	PPBBK21	PRBBK04	PSBBK06
Henry Hub	IGBBL00	IGBBL20	BGBBL00	PXBBL00	PXBBL20	PMBBL00	IGBBL21	IGBBL22	BGBBL21	IGBBL04	IGBBL06	PNBBL21	POBBL22	PPBBL21	PRBBL04	PSBBL06
Southern Natural, La.	IGBBO00	IGBBO20	BGBBO00	PXBBO00	PXBBO20	PMBBO00	IGBBO21	IGBBO22	BGBBO21	IGBBO04	IGBBO06	PNBBO21	POBBO22	PPBBO21	PRBBO04	PSBBO06
Tennessee, Zone 1	IGBHI00	IGBHI20	BGBHI00	PXBHI00	PXBHI20	PMBHI00	IGBHI21	IGBHI22	BGBHI21	IGBHI04	IGBHI06	PNBHI21	POBHI22	PPBHI21	PRBHI04	PSBHI06
Tennessee, La., 500 leg	IGBBP00	IGBBP20	BGBBP00	PXBPP00	PXBPP20	PMBPP00	IGBBP21	IGBBP22	BGBBP21	IGBBP04	IGBBP06	PNBBP21	POBBP22	PPBBP21	PRBBP04	PSBBP06
Tennessee, La., 800 leg	IGBBQ00	IGBBQ20	BGBBQ00	PXBBQ00	PXBBQ20	PMBBQ00	IGBBQ21	IGBBQ22	BGBBQ21	IGBBQ04	IGBBQ06	PNBBQ21	POBBQ22	PPBBQ21	PRBBQ04	PSBBQ06
Texas Eastern, ELA	IGBBS00	IGBBS20	BGBBS00	PXBBS00	PXBBS20	PMBBS00	IGBBS21	IGBBS22	BGBBS21	IGBBS04	IGBBS06	PNBBS21	POBBS22	PPBBS21	PRBBS04	PSBBS06
Texas Eastern, M-1 30-inch (Kosi)	IGBDI00	IGBDI20	BGBDI00	PXBDI00	PXBDI20	PMBDI00	IGBDI21	IGBDI22	BGBDI21	IGBDI04	IGBDI06	PNBDI21	POBDI22	PPBDI21	PRBDI04	PSBDI06
Texas Eastern, WLA	IGBBR00	IGBBR20	BGBBR00	PXBRR00	PXBRR20	PMBRR00	IGBBR21	IGBBR22	BGBBR21	IGBBR04	IGBBR06	PNBBR21	POBBR22	PPBBR21	PRBBR04	PSBBR06
Texas Gas, zone 1	IGBAO00	IGBAO20	BGBAO00	PXBAO00	PXBAO20	PMBAO00	IGBAO21	IGBAO22	BGBAO21	IGBAO04	IGBAO06	PNBAO21	POBAO22	PPBAO21	PRBAO04	PSBAO06
Texas Gas, zone SL	IGBBT00	IGBBT20	BGBBT00	PXBBT00	PXBBT20	PMBBT00	IGBBT21	IGBBT22	BGBBT21	IGBBT04	IGBBT06	PNBBT21	POBBT22	PPBBT21	PRBBT04	PSBBT06
Transco, zone 3	IGBBV00	IGBBV20	BGBBV00	PXBBV00	PXBBV20	PMBBV00	IGBBV21	IGBBV22	BGBBV21	IGBBV04	IGBBV06	PNBBV21	POBBV22	PPBBV21	PRBBV04	PSBBV06
Transco, zone 4	IGBDJ00	IGBDJ20	BGBDJ00	PXBDJ00	PXBDJ20	PMBDJ00	IGBDJ21	IGBDJ22	BGBDJ21	IGBDJ04	IGBDJ06	PNBDJ21	POBDJ22	PPBDJ21	PRBDJ04	PSBDJ06
Trunkline, ELA	IGBBX00	IGBBX20	BGBBX00	PXBBX00	PXBBX20	PMBBX00	IGBBX21	IGBBX22	BGBBX21	IGBBX04	IGBBX06	PNBBX21	POBBX22	PPBBX21	PRBBX04	PSBBX06
Trunkline, WLA	IGBBW00	IGBBW20	BGBBW00	PXBBW00	PXBBW20	PMBBW00	IGBBW21	IGBBW22	BGBBW21	IGBBW04	IGBBW06	PNBBW21	POBBW22	PPBBW21	PRBBW04	PSBBW06
Trunkline, zone 1A	IGBGF00	IGBGF20	BGBGF00	PXBBGF00	PXBBGF20	PMBBGF00	IGBGF21	IGBGF22	BGBGF21	IGBGF04	IGBGF06	PNBBGF21	POBBGF22	PPBBGF21	PRBBGF04	PSBBGF06
<b>Louisiana/Southeast Regional Average</b>	<b>IGHAA00</b>															
Cheyenne Hub	IGBCO00	IGBCO20	BGBCO00	PXBCO00	PXBCO20	PMBCO00	IGBCO21	IGBCO22	BGBCO21	IGBCO04	IGBCO06	PNBCO21	POBCO22	PPBCO21	PRBCO04	PSBCO06
CLG, Rocky Mountains	IGBCK00	IGBCK20	BGBCK00	PXBCK00	PXBCK20	PMBCK00	IGBCK21	IGBCK22	BGBCK21	IGBCK04	IGBCK06	PNBCK21	POBCK22	PPBCK21	PRBCK04	PSBCK06

**PLATTS LOCATIONS DAILY SYMBOLS**

Name of Indices	Final Daily Indices By Trade Date			Preliminary Daily Indices By Trade Date			Final Daily Indices By Flow Date					Preliminary Daily Indices By Flow Date					
	Description of Symbol	Index and Common Range	Absolute Range	Deal Count	Index and Common Range	Absolute Range	Deal Count	Index and Common Range	Absolute Range	Deal Count	Weekly Average	Monthly Average	Index and Common Range	Absolute Range	Deal Count	Weekly Average	Monthly Average
Market Data Category	GD	GD	GD	GI	GI	GI	GD	GD	GD	GD	GD	GD	GI	GI	GI	GI	GI
Bates Published	h,l,u,w	h,l	u	h,l,c,w	h,l	u	h,l,u,w	h,l	u	h,l,u	u	h,l,c,w	h,l	u	h,l,c	c	
GTN, Kingsgate	IGBCY00	IGBCY20	BGBCY00	PXBCY00	PXBCY20	PMBCY00	IGBCY21	IGBCY22	BGBCY21	IGBCY04	IGBCY06	PNBCY21	POBCY22	PPBCY21	PRBCY04	PSBCY06	
Kern River/Opal plant	IGBCL00	IGBCL20	BGBCL00	PXBCL00	PXBCL20	PMBCL00	IGBCL21	IGBCL22	BGBCL21	IGBCL04	IGBCL06	PNBCL21	POBCL22	PPBCL21	PRBCL04	PSBCL06	
Northwest, Canadian border (Sumas)	IGBCT00	IGBCT20	BGBCT00	PXBCT00	PXBCT20	PMBCT00	IGBCT21	IGBCT22	BGBCT21	IGBCT04	IGBCT06	PNBCT21	POBCT22	PPBCT21	PRBCT04	PSBCT06	
Northwest, S. of Green River	IGBCQ00	IGBCQ20	BGBCQ00	PXBCQ00	PXBCQ20	PMBCQ00	IGBCQ21	IGBCQ22	BGBCQ21	IGBCQ04	IGBCQ06	PNBCQ21	POBCQ22	PPBCQ21	PRBCQ04	PSBCQ06	
Northwest, Wyoming pool	IGBCP00	IGBCP20	BGBCP00	PXBCP00	PXBCP20	PMBCP00	IGBCP21	IGBCP22	BGBCP21	IGBCP04	IGBCP06	PNBCP21	POBCP22	PPBCP21	PRBCP04	PSBCP06	
PG&E, Malin	IGBDO00	IGBDO20	BGBDO00	PXBDO00	PXBDO20	PMBDO00	IGBDO21	IGBDO22	BGBDO21	IGBDO04	IGBDO06	PNBDO21	POBDO22	PPBDO21	PRBDO04	PSBDO06	
Questar, Rocky Mountains	IGBCN00	IGBCN20	BGBCN00	PXBCN00	PXBCN20	PMBCN00	IGBCN21	IGBCN22	BGBCN21	IGBCN04	IGBCN06	PNBCN21	POBCN22	PPBCN21	PRBCN04	PSBCN06	
Stanfield, Ore.	IGBCM00	IGBCM20	BGBCM00	PXBCM00	PXBCM20	PMBCM00	IGBCM21	IGBCM22	BGBCM21	IGBCM04	IGBCM06	PNBCM21	POBCM22	PPBCM21	PRBCM04	PSBCM06	
TCPL Alberta, AECO-C	IGBCU00	IGBCU20	BGBCU00	PXBCU00	PXBCU20	PMBCU00	IGBCU21	IGBCU22	BGBCU21	IGBCU04	IGBCU06	PNBCU21	POBCU22	PPBCU21	PRBCU04	PSBCU06	
Westcoast, station 2	IGBCZ00	IGBCZ20	BGB CZ00	PXBCZ00	PXBCZ20	PMB CZ00	IGBCZ21	IGBCZ22	BGB CZ21	IGBCZ04	IGBCZ06	PNBCZ21	POBCZ22	PPBCZ21	PRBCZ04	PSBCZ06	
White River Hub	IGBGL00	IGBGL20	BGBGL00	PXBGL00	PXBGL20	PMBGL00	IGBGL21	IGBGL22	BGBGL21	IGBGL04	IGBGL06	PNBGL21	POBGL22	PPBGL21	PRBGL04	PSBGL06	
<b>Rockies/Northwest Regional Average</b>	<b>IGIAA00</b>																
El Paso, Bondad	IGBCG00	IGBCG20	BGBCG00	PXBCG00	PXBCG20	PMBCG00	IGBCG21	IGBCG22	BGBCG21	IGBCG04	IGBCG06	PNBCG21	POBCG22	PPBCG21	PRBCG04	PSBCG06	
El Paso, Permian Basin	IGBAB00	IGBAB20	BGBAB00	PXBAB00	PXBAB20	PMBAB00	IGBAB21	IGBAB22	BGBAB21	IGBAB04	IGBAB06	PNBAB21	POBAB22	PPBAB21	PRBAB04	PSBAB06	
El Paso, San Juan Basin	IGBCH00	IGBCH20	BGBCH00	PXBCH00	PXBCH20	PMBCH00	IGBCH21	IGBCH22	BGBCH21	IGBCH04	IGBCH06	PNBCH21	POBCH22	PPBCH21	PRBCH04	PSBCH06	
El Paso, South Mainline	IGBFR00	IGBFR20	BGBFR00	PXBFR00	PXBFR20	PMBFR00	IGBFR21	IGBFR22	BGBFR21	IGBFR04	IGBFR06	PNBFR21	POBFR22	PPBFR21	PRBFR04	PSBFR06	
El Paso, West Texas	IGBRT00	IGBRT20	BGBRT00	PXBRT00	PXBRT20	PMBRT00	IGBRT21	IGBRT22	BGBRT21	IGBRT04	IGBRT06	PNBRT21	POBRT22	PPBRT21	PRBRT04	PSBRT06	
Kern River, delivered	IGBES00	IGBES20	BGBES00	PXBES00	PXBES20	PMBES00	IGBES21	IGBES22	BGBES21	IGBES04	IGBES06	PNBES21	POBES22	PPBES21	PRBES04	PSBES06	
PG&E, city-gate	IGBEB00	IGBEB20	BGBEB00	PXBEB00	PXBEB20	PMBEB00	IGBEB21	IGBEB22	BGBEB21	IGBEB04	IGBEB06	PNBEB21	POBEB22	PPBEB21	PRBEB04	PSBEB06	
PG&E, South	IGBDM00	IGBDM20	BGBDM00	PXBDM00	PXBDM20	PMBDM00	IGBDM21	IGBDM22	BGBDM21	IGBDM04	IGBDM06	PNBDM21	POBDM22	PPBDM21	PRBDM04	PSBDM06	
SoCal Gas	IGBDL00	IGBDL20	BGBDL00	PXB DL00	PXB DL20	PMB DL00	IGBDL21	IGBDL22	BGBDL21	IGBDL04	IGBDL06	PNBDL21	POBDL22	PPBDL21	PRBDL04	PSBDL06	
SoCal Gas, city-gate	IGBGG00	IGBGG20	BGBGG00	PXBGG00	PXBGG20	PMBGG00	IGBGG21	IGBGG22	BGBGG21	IGBGG04	IGBGG06	PNBGG21	POBGG22	PPBGG21	PRBGG04	PSBGG06	
Transwestern, Permian Basin	IGBAE00	IGBAE20	BGBAE00	PXBAE00	PXBAE20	PMBAE00	IGBAE21	IGBAE22	BGBAE21	IGBAE04	IGBAE06	PNBAE21	POBAE22	PPBAE21	PRBAE04	PSBAE06	
Transwestern, San Juan Basin	IGBGK00	IGBGK20	BGBGK00	PXBGK00	PXBGK20	PMBGK00	IGBGK21	IGBGK22	BGBGK21	IGBGK04	IGBGK06	PNBGK21	POBGK22	PPBGK21	PRBGK04	PSBGK06	
Waha	IGBAD00	IGBAD20	BGBAD00	PXBAD00	PXBAD20	PMBAD00	IGBAD21	IGBAD22	BGBAD21	IGBAD04	IGBAD06	PNBAD21	POBAD22	PPBAD21	PRBAD04	PSBAD06	
<b>Southwest Regional Average</b>	<b>IGJAA00</b>																

Bates are defined as: high = h; Low = l; Index = u or Final Indices and c for Preliminary Indices; Volume = w

**PLATTS LOCATIONS MONTHLY SYMBOLS**

Name of Indices Description of Symbol	Final Monthly Indices						Preliminary Daily Indices During Bidweek				Preliminary Bidweek To Date Indices			
	Index	Deal Count	Basis	Basis Deal Count	Fixed Price Equivalent	Tier	Preliminary Fixed Price	Preliminary Fixed Price Deal Count	Preliminary Basis	Preliminary Basis Deal Count	Preliminary Cumulative Fixed Price	Preliminary Cumulative Fixed Price Deal Count	Preliminary Cumulative Basis	Preliminary Cumulative Basis Deal Count
Market Data Category	GM	GM	GM	GM	GM	GM	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
Bates Published	h,l,u,w	u	h,l,u,w	u	u	u	h, l, c, w	u	h, l, c, w	u	h, l, c, w	u	h, l, c, w	u
Algonquin, city-gates	IGBEE03	BGBEE03	IGBEE36	BGBEE36	EGBEE36	CGBEE03	PMBEE03	PFBEE03	PHBEE36	PJBEE36	PCBEE03	PGBEE03	PIBEE36	PKBEE36
Iroquois, receipts	IGBCR03	BGBCR03	IGBCR36	BGBCR36	EGBCR36	CGBCR03	PMBCR03	PFBBCR03	PHBCR36	PJBBCR36	PCBCR03	PGBBCR03	PIBBCR36	PKBCR36
Iroquois, zone 2	IGBEJ03	BGBEJ03	IGBEJ36	BGBEJ36	EGBEJ36	CGBEJ03	PMBEJ03	PFBEJ03	PHBEJ36	PJBEJ36	PCBEJ03	PGBEJ03	PIBEJ36	PKBEJ36
Niagara	IGBCS03	BGBCS03	IGBCS36	BGBCS36	EGBCS36	CGBCS03	PMBCS03	PFBBCS03	PHBCS36	PJBBCS36	PCBCS03	PGBBCS03	PIBCS36	PKBCS36
Tennessee, zone 6 delivered	IGBEI03	BGBEI03	IGBEI36	BGBEI36	EGBEI36	CGBEI03	PMBEI03	PFBEI03	PHBEI36	PJBEI36	PCBEI03	PGBEI03	PIBEI36	PKBEI36
Tennessee, Zone 6, delivered North	IGBJW03	BGBRW03	IGBRW36	BGBRW36	EGBRW36	CGBRW03	PMBRW03	PFBRW03	PHBRW36	PJBRW36	PCBRW03	PGBRW03	PIBRW36	PKBRW36
Tennessee, Zone 6, delivered South	IGBJX03	BGBJX03	IGBJX36	BGBJX36	EGBJX36	CGBJX03	PMBJX03	PFBJX03	PHBJX36	PJBX36	PCBJX03	PGBJX03	PIBJX36	PKBJX36
Texas Eastern, M-3	IGBEK03	BGBEK03	IGBEK36	BGBEK36	EGBEK36	CGBEK03	PMBEK03	PFBEK03	PHBEK36	PJBEK36	PCBEK03	PGBEK03	PIBEK36	PKBEK36
Transco, zone 5 delivered	IGBEN03	BGBEN03	IGBEN36	BGBEN36	EGBEN36	CGBEN03	PMBEN03	PFBEN03	PHBEN36	PJBEN36	PCBEN03	PGBEN03	PIBEN36	PKBEN36
Transco, zone 5 delivered South	IGCHL03	BGCHL03	IGCHL36	BGCHL36	EGCHL36	CGCHL03	PMCHL03	PFBCHL03	PHCHL36	PJCHL36	PCCHL03	PGBCHL03	PIBCHL36	PKCHL36
Transco, zone 6 N.Y.	IGBEM03	BGBEM03	IGBEM36	BGBEM36	EGBEM36	CGBEM03	PMBEM03	PFBEM03	PHBEM36	PJBEM36	PCBEM03	PGBEM03	PIBEM36	PKBEM36
Transco, zone 6 non-N.Y.	IGBEL03	BGBEL03	IGBEL36	BGBEL36	EGBEL36	CGBEL03	PMBEL03	PFBEL03	PHBEL36	PJBEL36	PCBEL03	PGBEL03	PIBEL36	PKBEL36
Transco Zone 6 non-NY North	IGBJS03	BGBJS03	IGBJS36	BGBJS36	EGBJS36	CGBJS03	PMBJS03	PFBJS03	PHBJS36	PJBJS36	PCBJS03	PGBJS03	PIBJS36	PKBJS36
Transco Zone 6 non-NY South	IGBJT03	BGBJT03	IGBJT36	BGBJT36	EGBJT36	CGBJT03	PMBJT03	PFBJT03	PHBJT36	PJBJT36	PCBJT03	PGBJT03	PIBJT36	PKBJT36
<b>Northeast Regional Average</b>	<b>IGCAA03</b>													
Columbia Gas, Appalachia	IGBDE03	BGBDE03	IGBDE36	BGBDE36	EGBDE36	CGBDE03	PMBDE03	PFBDE03	PHBDE36	PJBDE36	PCBDE03	PGBDE03	PIBDE36	PKBDE36
Columbia Gas, Appalachia (Non-IPP)	IGBJU03	BGBJU03	IGBJU36	BGBJU36	EGBJU36	CGBJU03	PMBJU03	PFBJU03	PHBJU36	PJBJU36	PCBJU03	PGBJU03	PIBJU36	PKBJU36
Dominion, Appalachia	IGBDC03	BGBDC03	IGBDC36	BGBDC36	EGBDC36	CGBDC03	PMBDC03	PFBDC03	PHBDC36	PJBDC36	PCBDC03	PGBDC03	PIBDC36	PKBDC36
Lebanon Hub	IGBFJ03	BGBFJ03	IGBFJ36	BGBFJ36	EGBFJ36	CGBFJ03	PMBFJ03	PFBFJ03	PHBFJ36	PJBFJ36	PCBFJ03	PGBFJ03	PIBFJ36	PKBFJ36
Leidy Hub	IGBDD03	BGBDD03	IGBDD36	BGBDD36	EGBDD36	CGBDD03	PMBDD03	PFBDD03	PHBDD36	PJBDD36	PCBDD03	PGBDD03	PIBDD36	PKBDD36
Millennium, East receipts	IGBIW03	BGBIW03	IGBIW36	BGBIW36	EGBIW36	CGBIW03	PMBIW03	PFBIW03	PHBIW36	PJBW36	PCBIW03	PGBIW03	PIBW36	PKBIW36
Tennessee, zone 4-200 leg	IGBJN03	BGBJN03	IGBJN36	BGBJN36	EGBJN36	CGBJN03	PMBJN03	PFBJN03	PHBJN36	PJBW36	PCBJN03	PGBJN03	PIBJN36	PKBJN36
Tennessee, zone 4-300 leg	IGBFL03	BGBFL03	IGBFL36	BGBFL36	EGBFL36	CGBFL03	PMBFL03	PFBFL03	PHBFL36	PJBFL36	PCBFL03	PGBFL03	PIBFL36	PKBFL36
Tennessee, zone 4-313 Pool	IGCFL03	BGCFL03	IGCFL36	BGCFL36	EGCFL36	CGCFL03	PMCFL03	PFCFL03	PHCFL36	PJCFL36	PCCFL03	PGCFL03	PICFL36	PKCFL36
Texas Eastern, M-2, receipts	IGBJE03	BGBJE03	IGBJE36	BGBJE36	EGBJE36	CGBJE03	PMBJE03	PFBJE03	PHBJE36	PJBW36	PCBJE03	PGBJE03	PIBJE36	PKBJE36
Transco, Leidy Line receipts	IGBIS03	BGBIS03	IGBIS36	BGBIS36	EGBIS36	CGBIS03	PMBIS03	PFBIS03	PHBIS36	PJBW36	PCBIS03	PGBIS03	PIBIS36	PKBIS36
<b>Appalachia Regional Average</b>	<b>IGDAA03</b>													
ANR, Okla.	IGBBY03	BGBBY03	IGBBY36	BGBBY36	EGBBY36	CGBBY03	PMBBY03	PFBBY03	PHBBY36	PJBW36	PCBBY03	PGBBY03	PIBBY36	PKBBY36
Enable Gas, East	IGBCA03	BGBCA03	IGBCA36	BGBCA36	EGBCA36	CGBCA03	PMBCA03	PFBCA03	PHBCA36	PJBW36	PCBCA03	PGBCA03	PIBCA36	PKBCA36
NGPL, Midcontinent	IGBBZ03	BGBBZ03	IGBBZ36	BGBBZ36	EGBBZ36	CGBBZ03	PMBBZ03	PFBBZ03	PHBBZ36	PJBW36	PCBBZ03	PGBBZ03	PIBBZ36	PKBBZ36
Oneok, Okla.	IGBCD03	BGBCD03	IGBCD36	BGBCD36	EGBCD36	CGBCD03	PMBCD03	PFBBCD03	PHBCD36	PJBW36	PCBCD03	PGBCD03	PIBCD36	PKBCD36
Panhandle, Tx.-Okla.	IGBCE03	BGBCE03	IGBCE36	BGBCE36	EGBCE36	CGBCE03	PMBCE03	PFBCE03	PHBCE36	PJBW36	PCBCE03	PGBCE03	PIBCE36	PKBCE36

**PLATTS LOCATIONS MONTHLY SYMBOLS**

Name of Indices Description of Symbol	Final Monthly Indices						Preliminary Daily Indices During Bidweek				Preliminary Bidweek To Date Indices			
	Index	Deal Count	Basis	Basis Deal Count	Fixed Price Equivalent	Tier	Preliminary Fixed Price	Preliminary Fixed Price Deal Count	Preliminary Basis	Preliminary Basis Deal Count	Preliminary Cumulative Fixed Price	Preliminary Cumulative Fixed Price Deal Count	Preliminary Cumulative Basis	Preliminary Cumulative Basis Deal Count
Market Data Category	GM	GM	GM	GM	GM	GM	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
<b>Bates Published</b>	<b>h,l,u,w</b>	<b>u</b>	<b>h,l,u,w</b>	<b>u</b>	<b>u</b>	<b>u</b>	<b>h, l, c, w</b>	<b>u</b>	<b>h, l, c, w</b>	<b>u</b>	<b>h, l, c, w</b>	<b>u</b>	<b>h, l, c, w</b>	<b>u</b>
Southern Star, Tx.-Okla.-Kan.	IGBCF03	BGBCF03	IGBCF36	BGBCF36	EGBCF36	CGBCF03	PMBCF03	PFBCF03	PHBCF36	PJBCF36	PCBCF03	PGBCF03	PIBCF36	PKBCF36
<b>Midcontinent Regional Average</b>	<b>IGEA03</b>													
ANR, ML 7	IGBDQ03	BGBDQ03	IGBDQ36	BGBDQ36	EGBDQ36	CGBDQ03	PMBDQ03	PFBDQ03	PHBDQ36	PJBDQ36	PCBDQ03	PGBDQ03	PIBDQ36	PKBDQ36
Chicago city-gates	IGBDX03	BGBDX03	IGBDX36	BGBDX36	EGBDX36	CGBDX03	PMBDX03	PFBDX03	PHBDX36	PJBDX36	PCBDX03	PGBDX03	PIBDX36	PKBDX36
Chicago - Nicor	IGBEX03	BGBEX03	IGBEX36	BGBEX36	EGBEX36	CGBEX03	PMBEX03	PFBEX03	PHBEX36	PJBEX36	PCBEX03	PGBEX03	PIBEX36	PKBEX36
Chicago - NIPSCO	IGBFX03	BGBFX03	IGBFX36	BGBFX36	EGBFX36	CGBFX03	PMBFX03	PFBFX03	PHBFX36	PJBFX36	PCBFX03	PGBFX03	PIBFX36	PKBFX36
Chicago - Peoples	IGBGX03	BGBGX03	IGBGX36	BGBGX36	EGBGX36	CGBGX03	PMBGX03	PFBGX03	PHBGX36	PJBGX36	PCBGX03	PGBGX03	PIBGX36	PKBGX36
Consumers Energy city-gate	IGBDY03	BGBDY03	IGBDY36	BGBDY36	EGBDY36	CGBDY03	PMBDY03	PFBDY03	PHBDY36	PJBDY36	PCBDY03	PGBDY03	PIBDY36	PKBDY36
Dawn, Ontario	IGBCX03	BGBCX03	IGBCX36	BGBCX36	EGBCX36	CGBCX03	PMBCX03	PFBCX03	PHBCX36	PJBCX36	PCBCX03	PGBCX03	PIBCX36	PKBCX36
Emerson, Viking GL	IGBCW03	BGBCW03	IGBCW36	BGBCW36	EGBCW36	CGBCW03	PMBCW03	PFBCW03	PHBCW36	PJBCW36	PCBCW03	PGBCW03	PIBCW36	PKBCW36
MichCon city-gate	IGBDZ03	BGBDZ03	IGBDZ36	BGBDZ36	EGBDZ36	CGBDZ03	PMBDZ03	PFBDZ03	PHBDZ36	PJBDZ36	PCBDZ03	PGBDZ03	PIBDZ36	PKBDZ36
Northern Border, Ventura TP	IGBGH03	BGBGH03	IGBGH36	BGBGH36	EGBGH36	CGBGH03	PMBGH03	PFBGH03	PHBGH36	PJBGH36	PCBGH03	PGBGH03	PIBGH36	PKBGH36
Northern, demarcation	IGBDV03	BGBDV03	IGBDV36	BGBDV36	EGBDV36	CGBDV03	PMBDV03	PFBDV03	PHBDV36	PJBDV36	PCBDV03	PGBDV03	PIBDV36	PKBDV36
Northern, Ventura	IGBDU03	BGBDU03	IGBDU36	BGBDU36	EGBDU36	CGBDU03	PMBDU03	PFBDU03	PHBDU36	PJBDU36	PCBDU03	PGBDU03	PIBDU36	PKBDU36
REX, zone 3 delivered	IGBR003	BGBR003	IGBR036	BGBR036	EGBR036	CGBR003	PMBR003	PFBR003	PHBR036	PJBR036	PCBR003	PGBR003	PIBR036	PKBR036
<b>Upper Midwest Regional Average</b>	<b>IGFAA03</b>													
Florida Gas, zone 1	IGBAW03	BGBAW03	IGBAW36	BGBAW36	EGBAW36	CGBAW03	PMBAW03	PFBAW03	PHBAW36	PJBAW36	PCBAW03	PGBAW03	PIBAW36	PKBAW36
Houston Ship Channel	IGBAP03	BGBAP03	IGBAP36	BGBAP36	EGBAP36	CGBAP03	PMBAP03	PFBAP03	PHBAP36	PJBAP36	PCBAP03	PGBAP03	PIBAP36	PKBAP36
Katy	IGBAQ03	BGBAQ03	IGBAQ36	BGBAQ36	EGBAQ36	CGBAQ03	PMBAQ03	PFBAQ03	PHBAQ36	PJBAQ36	PCBAQ03	PGBAQ03	PIBAQ36	PKBAQ36
NGPL, STX	IGBAZ03	BGBAZ03	IGBAZ36	BGBAZ36	EGBAZ36	CGBAZ03	PMBAZ03	PFBAZ03	PHBAZ36	PJBAZ36	PCBAZ03	PGBAZ03	PIBAZ36	PKBAZ36
NGPL, Texok zone	IGBAL03	BGBAL03	IGBAL36	BGBAL36	EGBAL36	CGBAL03	PMBAL03	PFBAL03	PHBAL36	PJBAL36	PCBAL03	PGBAL03	PIBAL36	PKBAL36
Tennessee, zone 0	IGBBA03	BGBBA03	IGBBA36	BGBBA36	EGBBA36	CGBBA03	PMBBA03	PFBBA03	PHBBA36	PJBBA36	PCBBA03	PGBBA03	PIBBA36	PKBBA36
Texas Eastern, ETX	IGBAN03	BGBAN03	IGBAN36	BGBAN36	EGBAN36	CGBAN03	PMBAN03	PFBAN03	PHBAN36	PJBAN36	PCBAN03	PGBAN03	PIBAN36	PKBAN36
Texas Eastern, STX	IGBBB03	BGBBB03	IGBBB36	BGBBB36	EGBBB36	CGBBB03	PMBBB03	PFBBB03	PHBBB36	PJBBB36	PCBBB03	PGBBB03	PIBBB36	PKBBB36
Transco, zone 1	IGBBC03	BGBBC03	IGBBC36	BGBBC36	EGBBC36	CGBBC03	PMBBC03	PFBBC03	PHBBC36	PJBBC36	PCBBC03	PGBBC03	PIBBC36	PKBBC36
Transco, zone 2	IGBBU03	BGBBU03	IGBBU36	BGBBU36	EGBBU36	CGBBU03	PMBBU03	PFBBU03	PHBBU36	PJBBU36	PCBBU03	PGBBU03	PIBBU36	PKBBU36
<b>East Texas Regional Average</b>	<b>IGGAA03</b>													
ANR, La.	IGBBF03	BGBBF03	IGBBF36	BGBBF36	EGBBF36	CGBBF03	PMBBF03	PFBBF03	PHBBF36	PJBBF36	PCBBF03	PGBBF03	PIBBF36	PKBBF36
Columbia Gulf, La.	IGBBG03	BGBBG03	IGBBG36	BGBBG36	EGBBG36	CGBBG03	PMBBG03	PFBBG03	PHBBG36	PJBBG36	PCBBG03	PGBBG03	PIBBG36	PKBBG36
Columbia Gulf, mainline	IGBBH03	BGBBH03	IGBBH36	BGBBH36	EGBBH36	CGBBH03	PMBBH03	PFBBH03	PHBBH36	PJBBH36	PCBBH03	PGBBH03	PIBBH36	PKBBH36
Florida Gas, zone 2	IGBBJ03	BGBBJ03	IGBBJ36	BGBBJ36	EGBBJ36	CGBBJ03	PMBBJ03	PFBBJ03	PHBBJ36	PJBBJ36	PCBBJ03	PGBBJ03	PIBBJ36	PKBBJ36
Florida Gas, zone 3	IGBBK03	BGBBK03	IGBBK36	BGBBK36	EGBBK36	CGBBK03	PMBBK03	PFBBK03	PHBBK36	PJBBK36	PCBBK03	PGBBK03	PIBBK36	PKBBK36
Henry Hub	IGBBL03	BGBBL03	IGBBL36	BGBBL36	EGBBL36	CGBBL03	PMBBL03	PFBBL03	PHBBL36	PJBBL36	PCBBL03	PGBBL03	PIBBL36	PKBBL36



**PLATTS LOCATIONS MONTHLY SYMBOLS**

Name of Indices Description of Symbol	Final Monthly Indices						Preliminary Daily Indices During Bidweek				Preliminary Bidweek To Date Indices			
	Index	Deal Count	Basis	Basis Deal Count	Fixed Price Equivalent	Tier	Preliminary Fixed Price	Preliminary Fixed Price Deal Count	Preliminary Basis	Preliminary Basis Deal Count	Preliminary Cumulative Fixed Price	Preliminary Cumulative Fixed Price Deal Count	Preliminary Cumulative Basis	Preliminary Cumulative Basis Deal Count
Market Data Category	GM	GM	GM	GM	GM	GM	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
Bates Published	h,l,u,w	u	h,l,u,w	u	u	u	h, l, c, w	u	h, l, c, w	u	h, l, c, w	u	h, l, c, w	u
Southern Natural, La.	IGBB003	BGBB003	IGBB036	BGBB036	EGBB036	CGBB003	PMBB003	PFBB003	PHBB036	PJBB036	PCBB003	PGBB003	PIBB036	PKBB036
Tennessee, La., 500 leg	IGBBP03	BGBBP03	IGBBP36	BGBBP36	EGBBP36	CGBBP03	PMBBP03	PFBBP03	PHBBP36	PJBBP36	PCBBP03	PGBBP03	PIBBP36	PKBBP36
Tennessee, La., 800 leg	IGBBQ03	BGBBQ03	IGBBQ36	BGBBQ36	EGBBQ36	CGBBQ03	PMBBQ03	PFBBQ03	PHBBQ36	PJBBQ36	PCBBQ03	PGBBQ03	PIBBQ36	PKBBQ36
Texas Eastern, ELA	IGBBS03	BGBBS03	IGBBS36	BGBBS36	EGBBS36	CGBBS03	PMBBS03	PFBBS03	PHBBS36	PJBBS36	PCBBS03	PGBBS03	PIBBS36	PKBBS36
Texas Eastern, M-1 30-inch (Kosi)	IGBDI03	BGBDI03	IGBDI36	BGBDI36	EGBDI36	CGBDI03	PMBDI03	PFBDI03	PHBDI36	PJBDI36	PCBDI03	PGBDI03	PIBDI36	PKBDI36
Texas Eastern, WLA	IGBBR03	BGBBR03	IGBBR36	BGBBR36	EGBBR36	CGBBR03	PMBBR03	PFBBR03	PHBBR36	PJBBR36	PCBBR03	PGBBR03	PIBBR36	PKBBR36
Texas Gas, zone 1	IGBA003	BGBA003	IGBA036	BGBA036	EGBA036	CGBA003	PMBAA03	PFBA003	PHBA036	PJBA036	PCBA003	PGBA003	PIBA036	PKBA036
Texas Gas, zone SL	IGBBT03	BGBBT03	IGBBT36	BGBBT36	EGBBT36	CGBBT03	PMBBT03	PFBBT03	PHBBT36	PJBBT36	PCBBT03	PGBBT03	PIBBT36	PKBBT36
Transco, zone 3	IGBBV03	BGBBV03	IGBBV36	BGBBV36	EGBBV36	CGBBV03	PMBBV03	PFBBV03	PHBBV36	PJBBV36	PCBBV03	PGBBV03	PIBBV36	PKBBV36
Transco, zone 4	IGBDJ03	BGBDJ03	IGBDJ36	BGBDJ36	EGBDJ36	CGBDJ03	PMBDJ03	PFBDJ03	PHBDJ36	PJBDJ36	PCBDJ03	PGBDJ03	PIBDJ36	PKBDJ36
Trunkline, LA	IGBER03	BGBER03	IGBER36	BGBER36	EGBER36	CGBER03	PMBER03	PFBER03	PHBER36	PJBER36	PCBER03	PGBER03	PIBER36	PKBER36
Trunkline, zone 1A	IGBGF03	BGBGF03	IGBGF36	BGBGF36	EGBGF36	CGBGF03	PMBGF03	PFBGF03	PHBGF36	PJBGF36	PCBGF03	PGBGF03	PIBGF36	PKBGF36
<b>Louisiana/Southeast Regional Average</b>	<b>IGHAA03</b>													
Cheyenne Hub	IGBC003	BGBC003	IGBC036	BGBC036	EGBC036	CGBC003	PMBCC03	PFBC003	PHBC036	PJBC036	PCBC003	PGBCC03	PIBC036	PKBC036
ClG, Rocky Mountains	IGBCK03	BGBCK03	IGBCK36	BGBCK36	EGBCK36	CGBCK03	PMBCK03	PFBCK03	PHBCK36	PJBCK36	PCBCK03	PGBCK03	PIBCK36	PKBCK36
Kern River, Wyoming	IGBCL03	BGBCL03	IGBCL36	BGBCL36	EGBCL36	CGBCL03	PMBCL03	PFBCL03	PHBCL36	PJBCL36	PCBCL03	PGBCL03	PIBCL36	PKBCL36
Northwest, Canadian border (Sumas)	IGBCT03	BGBCT03	IGBCT36	BGBCT36	EGBCT36	CGBCT03	PMBCT03	PFBCT03	PHBCT36	PJBCT36	PCBCT03	PGBCT03	PIBCT36	PKBCT36
Northwest, Rocky Mountains	IGBCP03	BGBCP03	IGBCP36	BGBCP36	EGBCP36	CGBCP03	PMBCP03	PFBCP03	PHBCP36	PJBCP36	PCBCP03	PGBCP03	PIBCP36	PKBCP36
PG&E, Malin	IGBD003	BGBD003	IGBD036	BGBD036	EGBD036	CGBD003	PMBD003	PFBD003	PHBD036	PJBD036	PCBD003	PGBD003	PIBD036	PKBD036
TCPL Alberta, AECO-C	IGBCU03	BGBCU03	IGBCU36	BGBCU36	EGBCU36	CGBCU03	PMBCU03	PFBCU03	PHBCU36	PJBCU36	PCBCU03	PGBCU03	PIBCU36	PKBCU36
Westcoast, station 2	IGBCZ03	BGB CZ03	IGBCZ36	BGB CZ36	EGBCZ36	CGBCZ03	PMB CZ03	PFBCZ03	PHBCZ36	PJBCZ36	PCBCZ03	PGB CZ03	PIBCZ36	PKBCZ36
<b>Rockies/Northwest Regional Average</b>	<b>IGIAA03</b>													
El Paso, Permian Basin	IGBAB03	BGBAB03	IGBAB36	BGBAB36	EGBAB36	CGBAB03	PMBAB03	PZBAB03	PHBAB36	PJBAB36	PCBAB03	PGBAB03	PIBAB36	PKBAB36
El Paso, San Juan Basin	IGBCH03	BGBCH03	IGBCH36	BGBCH36	EGBCH36	CGBCH03	PMBCH03	PZBCH03	PHBCH36	PJBCH36	PCBCH03	PGBCH03	PIBCH36	PKBCH36
El Paso, West Texas	IGBRT03	BGBRT03	IGBRT36	BGBRT36	EGBRT36	CGBRT03	PMBRT03	PFRT03	PHBRT36	PJBRT36	PCBRT03	PGBRT03	PIBRT36	PKBRT36
PG&E, city-gate	IGBEB03	BGBEB03	IGBEB36	BGBEB36	EGBEB36	CGBEB03	PMBEB03	PZBEB03	PHBEB36	PJBEB36	PCBEB03	PGBEB03	PIBEB36	PKBEB36
PG&E, South	IGBDM03	BGBDM03	IGBDM36	BGBDM36	EGBDM36	CGBDM03	PMBDM03	PZBDM03	PHBDM36	PJBDM36	PCBDM03	PGBDM03	PIBDM36	PKBDM36
SoCal Gas	IGBDL03	BGBDL03	IGBDL36	BGBDL36	EGBDL36	CGBDL03	PMBDL03	PZBDL03	PHBDL36	PJBDL36	PCBDL03	PGBDL03	PIBDL36	PKBDL36
SoCal Gas, city-gate	IGBGG03	BGBGG03	IGBGG36	BGBGG36	EGBGG36	CGBGG03	PMBGG03	PZBGG03	PHBGG36	PJBGG36	PCBGG03	PGBGG03	PIBGG36	PKBGG36
Transwestern, Permian Basin	IGBAE03	BGBAE03	IGBAE36	BGBAE36	EGBAE36	CGBAE03	PMBAE03	PZBAE03	PHBAE36	PJBAE36	PCBAE03	PGBAE03	PIBAE36	PKBAE36
Transwestern, San Juan Basin	IGBGK03	BGBGK03	IGBGK36	BGBGK36	EGBGK36	CGBGK03	PMBGK03	PZBGK03	PHBGK36	PJBGK36	PCBGK03	PGBGK03	PIBGK36	PKBGK36
Waha	IGBAD03	BGBAD03	IGBAD36	BGBAD36	EGBAD36	CGBAD03	PMBAD03	PZBAD03	PHBAD36	PJBAD36	PCBAD03	PGBAD03	PIBAD36	PKBAD36
<b>Southwest Regional Average</b>	<b>IGJAA03</b>													

Bates are defined as: high = h; Low = l; Index = u or Final Indices and c for Preliminary Indices; Volume = w

## ICE LOCATIONS DAILY SYMBOLS

Name of Indices Description of Symbol Market Data Category Bates Published	Final Daily Indices By Trade Date			Final Daily Indices By Flow Date		
	Index and Common Range	Absolute Range	Deal Count	Index	Absolute Range	Deal Count
	GD	GD	GD	GD	GD	GD
	h,l,c,w	h,l	u	h,l,c,w	h,l	u
ICE Agua Blanca Pool	JAAHU00	JAAHU20	JCCHU00	JAAHU21	JAAHU22	JCCHU21
ICE Agua Dulce Hub	JAAGI00	JAAGI20	JCCGI00	JAAGI21	JAAGI22	JCCGI21
ICE Algonquin CG (Excl. J and G Lateral deliveries)	JAAAA00	JAAAA20	JCCAA00	JAAAA21	JAAAA22	JCCAA21
ICE Algonquin Citygates (Excl. J Lateral deliveries)	JAAAB00	JAAAB20	JCCAB00	JAAAB21	JAAAB22	JCCAB21
ICE Algonquin, Millennium-Ramapo receipts	JAAHF00	JAAHF20	JCCHF00	JAAHF21	JAAHF22	JCCHF21
ICE Algonquin, TGP-Mahwah receipts	JAAHG00	JAAHG20	JCCHG00	JAAHG21	JAAHG22	JCCHG21
ICE Alliance, Chicago Exchange Hub	JAAAC00	JAAAC20	JCCAC00	JAAAC21	JAAAC22	JCCAC21
ICE Alliance, ANR Interconnect	JAAAD00	JAAAD20	JCCAD00	JAAAD21	JAAAD22	JCCAD21
ICE Alliance, Midwestern Interconnect	JAAF00	JAAF20	JCCF00	JAAF21	JAAF22	JCCF21
ICE Alliance, NGPL Interconnect	JAAAF00	JAAAF20	JCCAF00	JAAAF21	JAAAF22	JCCAF21
ICE Alliance, Nicor Interconnect	JAAAG00	JAAAG20	JCCAG00	JAAAG21	JAAAG22	JCCAG21
ICE Alliance, Vector Interconnect	JAAAH00	JAAAH20	JCCAH00	JAAAH21	JAAAH22	JCCAH21
ICE ANR, SE Transmission Pool	JAAAI00	JAAAI20	JCCAI00	JAAAI21	JAAAI22	JCCAI21
ICE ANR, SE Gathering Pool	JAAAJ00	JAAAJ20	JCCAJ00	JAAAJ21	JAAAJ22	JCCAJ21
ICE ANR, Joliet Hub CDP	JAAAK00	JAAAK20	JCCAK00	JAAAK21	JAAAK22	JCCAK21
ICE Atmos, zone 3, receipts	JAAAL00	JAAAL20	JCCAL00	JAAAL21	JAAAL22	JCCAL21
ICE Banquete Hub	JAAHX00	JAAHX20	JCCHX00	JAAHX21	JAAHX22	JCCHX21
ICE Bennington, Oklahoma (buyer's choice)	JAAHK00	JAAHK20	JCCHK00	JAAHK21	JAAHK22	JCCHK21
ICE Bluewater Gas Storage	JAAAN00	JAAAN20	JCCAN00	JAAAN21	JAAAN22	JCCAN21
ICE Bobcat Interconnect (buyers' choice dlvd)	JAAA000	JAAA020	JCCA000	JAAA021	JAAA022	JCCA021
ICE Bobcat Storage (In-ground transfer only)	JAAP000	JAAP200	JCCAP00	JAAP210	JAAP220	JCCAP21
ICE Carthage Hub Tailgate	JAAQ000	JAAQ200	JCCAQ00	JAAQ210	JAAQ220	JCCAQ21
ICE CIG - Mainline (sellers' choice, non-lateral)	JAAFY00	JAAFY20	JCCFY00	JAAFY21	JAAFY22	JCCFY21
ICE CIG, Mainline Pool	JAAFZ00	JAAFZ20	JCCFZ00	JAAFZ21	JAAFZ22	JCCFZ21
ICE CIG - Mainline South (sellers' choice)	JAAAT00	JAAAT20	JCCAT00	JAAAT21	JAAAT22	JCCAT21
ICE Clarington Tennessee	JAAFI00	JAAFI20	JCCFI00	JAAFI21	JAAFI22	JCCFI21
ICE Columbia Gas, A04 Pool	JAAAU00	JAAAU20	JCCAU00	JAAAU21	JAAAU22	JCCAU21
ICE Columbia Gas, A06 Pool	JAAAV00	JAAAV20	JCCAV00	JAAAV21	JAAAV22	JCCAV21
ICE Columbia Gas, Segmentation Pool	JAAAW00	JAAAW20	JCCAW00	JAAAW21	JAAAW22	JCCAW21
ICE Dominion Energy, Cove Point, on system delivery	JAAHM00	JAAHM20	JCCHM00	JAAHM21	JAAHM22	JCCHM21
ICE Egan Interconnect (buyers' choice delivered)	JAAAZ00	JAAAZ20	JCCAZ00	JAAAZ21	JAAAZ22	JCCAZ21
ICE Egan Storage (In-ground transfer only)	JAABA00	JAABA20	JCCBA00	JAABA21	JAABA22	JCCBA21
ICE El Paso, Anadarko Pool	JAAHZ00	JAAHZ20	JCCHZ00	JAAHZ21	JAAHZ22	JCCHZ21
ICE El Paso, Keystone Pool	JAABB00	JAABB20	JCCBB00	JAABB21	JAABB22	JCCBB21
ICE El Paso, Plains Pool	JAABC00	JAABC20	JCCBC00	JAABC21	JAABC22	JCCBC21
ICE El Paso, Waha Pool	JAABD00	JAABD20	JCCBD00	JAABD21	JAABD22	JCCBD21

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	Index and Common Range	Absolute Range	Deal Count	Index	Absolute Range	Deal Count
	GD	GD	GD	GD	GD	GD
	h,l,c,w	h,l	u	h,l,c,w	h,l	u
ICE Enable Gas, Flex Pool only	JAABE00	JAABE20	JCCBE00	JAABE21	JAABE22	JCCBE21
ICE Enable Gas, North Pool only	JAABF00	JAABF20	JCCBF00	JAABF21	JAABF22	JCCBF21
ICE Enable Gas, Perryville Hub	JAABG00	JAABG20	JCCBG00	JAABG21	JAABG22	JCCBG21
ICE Enable Gas, South Pool only	JAABH00	JAABH20	JCCBH00	JAABH21	JAABH22	JCCBH21
ICE Enable Gas, West (W1 or W2 as mutually agreed)	JAABI00	JAABI20	JCCBI00	JAABI21	JAABI22	JCCBI21
ICE Enable Gas, West Pool	JAABJ00	JAABJ20	JCCBJ00	JAABJ21	JAABJ22	JCCBJ21
ICE ENT, STX Map	JAAHT00	JAAHT20	JCCHT00	JAAHT21	JAAHT22	JCCHT21
ICE ETC, Cleburne	JAAHH00	JAAHH20	JCCHH00	JAAHH21	JAAHH22	JCCHH21
ICE ETC, Maypearl	JAABK00	JAABK20	JCCBK00	JAABK21	JAABK22	JCCBK21
ICE Golden Triangle Storage & Hub	JAABL00	JAABL20	JCCBL00	JAABL21	JAABL22	JCCBL21
ICE Great Lakes Gas, St. Clair	JAABM00	JAABM20	JCCBM00	JAABM21	JAABM22	JCCBM21
ICE Guardian, Guardian Hub	JAABN00	JAABN20	JCCBN00	JAABN21	JAABN22	JCCBN21
ICE Gulf South, Perryville Exchange Point	JAABO00	JAABO20	JCCBO00	JAABO21	JAABO22	JCCBO21
ICE Gulf South, Pool Area #16	JAABP00	JAABP20	JCCBP00	JAABP21	JAABP22	JCCBP21
ICE HPL, East Texas Pool	JAABR00	JAABR20	JCCBR00	JAABR21	JAABR22	JCCBR21
ICE Iroquois, zone 2 (non-Hunts Point/Eastchester Lateral)	JAABT00	JAABT20	JCCBT00	JAABT21	JAABT22	JCCBT21
ICE Iroquois, zone 2 Hunts Point/Eastchester Lateral	JAABU00	JAABU20	JCCBU00	JAABU21	JAABU22	JCCBU21
ICE Jefferson Island Storage and Hub	JAABV00	JAABV20	JCCBV00	JAABV21	JAABV22	JCCBV21
ICE Katy, ENSTOR Pool (excl. Kinder Morgan Texas)	JAABW00	JAABW20	JCCBW00	JAABW21	JAABW22	JCCBW21
ICE Katy, Lonestar (Warranted as Intrastate)	JAABX00	JAABX20	JCCBX00	JAABX21	JAABX22	JCCBX21
ICE Katy, Lonestar Interstate	JAABY00	JAABY20	JCCBY00	JAABY21	JAABY22	JCCBY21
ICE Katy, Oasis Pipeline	JAABZ00	JAABZ20	JCCBZ00	JAABZ21	JAABZ22	JCCBZ21
ICE Kern River, on system receipt	JAACA00	JAACA20	JCCCA00	JAACA21	JAACA22	JCCCA21
ICE Maritimes, Hubline and Beverly Salem	JAACB00	JAACB20	JCCCB00	JAACB21	JAACB22	JCCCB21
ICE Maritimes and Northeast Pipeline US (buyer's choice dlvd)	JAACC00	JAACC20	JCCCC00	JAACC21	JAACC22	JCCCC21
ICE Millennium Pipeline - buyers' choice delivered	JAAHA00	JAAHA20	JCCCHA00	JAAHA21	JAAHA22	JCCCHA21
ICE Moss Bluff Interconnect (buyers' choice dlvd)	JAACD00	JAACD20	JCCCD00	JAACD21	JAACD22	JCCCD21
ICE Moss Bluff Storage (In-ground transfers only)	JAACE00	JAACE20	JCCCE00	JAACE21	JAACE22	JCCCE21
ICE MS Hub Storage	JAACF00	JAACF20	JCCCF00	JAACF21	JAACF22	JCCCF21
ICE NGPL, Amarillo Pooling PIN	JAACG00	JAACG20	JCCCG00	JAACG21	JAACG22	JCCCG21
ICE NGPL, Amarillo Storage PIN	JAACH00	JAACH20	JCCCH00	JAACH21	JAACH22	JCCCH21
ICE NGPL, Gulf Coast Mainline Pool	JAACI00	JAACI20	JCCCI00	JAACI21	JAACI22	JCCCI21
ICE NGPL, Iowa-Illinois GC Pool	JAAHN00	JAAHN20	JCCHN00	JAAHN21	JAAHN22	JCCHN21
ICE NGPL, Iowa-Illinois AM Pool	JAAHO00	JAAHO20	JCCHO00	JAAHO21	JAAHO22	JCCHO21
ICE NGPL, Iowa-Illinois GC Storage	JAAHP00	JAAHP20	JCCHP00	JAAHP21	JAAHP22	JCCHP21
ICE NGPL, Iowa-Illinois AM Storage	JAAHQ00	JAAHQ20	JCCHQ00	JAAHQ21	JAAHQ22	JCCHQ21

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	Index and Common Range	Absolute Range	Deal Count	Index	Absolute Range	Deal Count
	GD	GD	GD	GD	GD	GD
	h,l,c,w	h,l	u	h,l,c,w	h,l	u
ICE NGPL, Louisiana Pooling PIN	JAACL00	JAACL20	JCCCL00	JAACL21	JAACL22	JCCCL21
ICE NGPL, Louisiana Storage PIN	JAACM00	JAACM20	JCCCM00	JAACM21	JAACM22	JCCCM21
ICE NGPL, Mid-American Citygate	JAACN00	JAACN20	JCCCN00	JAACN21	JAACN22	JCCCN21
ICE NGPL, Mid-Continent Storage PIN	JAACO00	JAACO20	JCCCO00	JAACO21	JAACO22	JCCCO21
ICE NGPL, TXOK East Pool	JAACP00	JAACP20	JCCCP00	JAACP21	JAACP22	JCCCP21
ICE NGPL, TXOK West Pool	JAACQ00	JAACQ20	JCCCQ00	JAACQ21	JAACQ22	JCCCQ21
ICE NorTex, Tolar Hub	JAACR00	JAACR20	JCCCR00	JAACR21	JAACR22	JCCCR21
ICE Northern Border, Harper Transfer Point	JAACS00	JAACS20	JCCCS00	JAACS21	JAACS22	JCCCS21
ICE Northern Border, Nicor Interconnect	JAACT00	JAACT20	JCCCT00	JAACT21	JAACT22	JCCCT21
ICE Northern Border, Vector Interconnect	JAACU00	JAACU20	JCCCU00	JAACU21	JAACU22	JCCCU21
ICE Northern Border, Will County	JAACV00	JAACV20	JCCCV00	JAACV21	JAACV22	JCCCV21
ICE Northern Natural, Mid 13 - 16A Pool	JAACW00	JAACW20	JCCCW00	JAACW21	JAACW22	JCCCW21
ICE Northern Natural, Mid 1-7 Pool	JAACX00	JAACX20	JCCCX00	JAACX21	JAACX22	JCCCX21
ICE Northern Natural, Mid 8 -12 Pool	JAACY00	JAACY20	JCCCY00	JAACY21	JAACY22	JCCCY21
ICE Oasis, Waha Pool	JAACZ00	JAACZ20	JCC CZ00	JAACZ21	JAACZ22	JCC CZ21
ICE ONEOK, Westex Pool	JAADA00	JAADA20	JCCDA00	JAADA21	JAADA22	JCCDA21
ICE Opal Plant Tailgate	JAADB00	JAADB20	JCCDB00	JAADB21	JAADB22	JCCDB21
ICE PG&E, Daggett	JAADC00	JAADC20	JCCDC00	JAADC21	JAADC22	JCCDC21
ICE PG&E, Kern River Station	JAADD00	JAADD20	JCCDD00	JAADD21	JAADD22	JCCDD21
ICE PG&E-Onyx Hill	JAAHB00	JAAHB20	JCCHB00	JAAHB21	JAAHB22	JCCHB21
ICE PG&E, Topock	JAAD E00	JAAD E20	JCCDE00	JAAD E21	JAAD E22	JCCDE21
ICE Pine Prairie Hub	JAADF00	JAADF20	JCCDF00	JAADF21	JAADF22	JCCDF21
ICE Pioneer Plant Tailgate	JAADG00	JAADG20	JCCDG00	JAADG21	JAADG22	JCCDG21
ICE PNGTS (buyer's choice dlvd)	JAADH00	JAADH20	JCCDH00	JAADH21	JAADH22	JCCDH21
ICE Questar, North Pool	JAADI00	JAADI20	JCCDI00	JAADI21	JAADI22	JCCDI21
ICE Questar, South Pool	JAADJ00	JAADJ20	JCCDJ00	JAADJ21	JAADJ22	JCCDJ21
ICE REX (East), delivered into ANR	JAADK00	JAADK20	JCCDK00	JAADK21	JAADK22	JCCDK21
ICE REX (East), delivered into Lebanon Hub	JAAHC00	JAAHC20	JCCHC00	JAAHC21	JAAHC22	JCCHC21
ICE REX (East), delivered into Midwestern Gas	JAADL00	JAADL20	JCCDL00	JAADL21	JAADL22	JCCDL21
ICE REX (East), delivered into NGPL	JAADM00	JAADM20	JCCDM00	JAADM21	JAADM22	JCCDM21
ICE REX (East), delivered into Panhandle	JAADN00	JAADN20	JCCDN00	JAADN21	JAADN22	JCCDN21
ICE REX (East), delivered into Trunkline	JAADO00	JAADO20	JCCDO00	JAADO21	JAADO22	JCCDO21
ICE REX (West), delivered into ANR	JAADP00	JAADP20	JCCDP00	JAADP21	JAADP22	JCCDP21
ICE REX (West), delivered into Northern Natural	JAADQ00	JAADQ20	JCCDQ00	JAADQ21	JAADQ22	JCCDQ21
ICE REX (West), delivered into Panhandle	JAADR00	JAADR20	JCCDR00	JAADR21	JAADR22	JCCDR21
ICE REX, zone 3 receipts	JAASH00	JAASH20	JCCHS00	JAASH21	JAASH22	JCCHS21

## ICE LOCATIONS DAILY SYMBOLS

Name of Indices Description of Symbol Market Data Category Bates Published	Final Daily Indices By Trade Date			Final Daily Indices By Flow Date		
	Index and Common Range	Absolute Range	Deal Count	Index	Absolute Range	Deal Count
	GD	GD	GD	GD	GD	GD
	h,l,c,w	h,l	u	h,l,c,w	h,l	u
ICE Rover, delivered into ANR	JAAHI00	JAAHI20	JCCHI00	JAAHI21	JAAHI22	JCCHI21
ICE Rover, delivered into Panhandle	JAAHJ00	JAAHJ20	JCCHJ00	JAAHJ21	JAAHJ22	JCCHJ21
ICE Rover, receipts	JAAHR00	JAAHR20	JCCHR00	JAAHR21	JAAHR22	JCCHR21
ICE Ruby, Onyx Hill	JAADS00	JAADS20	JCCDS00	JAADS21	JAADS22	JCCDS21
ICE Ruby, Receipt Pool	JAADT00	JAADT20	JCCDT00	JAADT21	JAADT22	JCCDT21
ICE Ryckman Creek Gas Storage	JAADU00	JAADU20	JCCDU00	JAADU21	JAADU22	JCCDU21
ICE Salt Plains Storage (buyers' choice)	JAADV00	JAADV20	JCCDV00	JAADV21	JAADV22	JCCDV21
ICE Salt Plains Storage (In-ground transfer only)	JAADW00	JAADW20	JCCDW00	JAADW21	JAADW22	JCCDW21
ICE Socal, Blythe	JAADX00	JAADX20	JCCDX00	JAADX21	JAADX22	JCCDX21
ICE Socal, Ehrenberg (delivered)	JAADY00	JAADY20	JCCDY00	JAADY21	JAADY22	JCCDY21
ICE Socal, Firm Storage only (Citygate)	JAADZ00	JAADZ20	JCCDZ00	JAADZ21	JAADZ22	JCCDZ21
ICE Socal, In-ground transfer only (Citygate)	JAAEA00	JAAEA20	JCCEA00	JAAEA21	JAAEA22	JCCEA21
ICE Socal, Interruptible Storage only (Citygate)	JAAEB00	JAAEB20	JCCEB00	JAAEB21	JAAEB22	JCCEB21
ICE Socal, Kern River Station	JAAEC00	JAAEC20	JCCEC00	JAAEC21	JAAEC22	JCCEC21
ICE Socal, Kramer Junction	JAAED00	JAAED20	JCCED00	JAAED21	JAAED22	JCCED21
ICE Socal, Needles	JAAEE00	JAAEE20	JCCEE00	JAAEE21	JAAEE22	JCCEE21
ICE Socal, sellers' choice dlvd incl. CA production	JAAEF00	JAAEF20	JCCFE00	JAAEF21	JAAEF22	JCCFE21
ICE Socal - Topock	JAAHD00	JAAHD20	JCCHD00	JAAHD21	JAAHD22	JCCHD21
ICE Socal, Topock, El Paso	JAAEG00	JAAEG20	JCCEG00	JAAEG21	JAAEG22	JCCEG21
ICE Socal, Topock, Transwestern	JAAEH00	JAAEH20	JCCHE00	JAAEH21	JAAEH22	JCCHE21
ICE Socal, Wheeler Ridge	JAAEI00	JAAEI20	JCCIE00	JAAEI21	JAAEI22	JCCIE21
ICE Sonat - Zone 0	JAAHE00	JAAHE20	JCCHE00	JAAHE21	JAAHE22	JCCHE21
ICE Sonat, Zone 0 South Louisiana Pool	JAAEJ00	JAAEJ20	JCCJE00	JAAEJ21	JAAEJ22	JCCJE21
ICE Sonat, Zone 1 North Pool	JAAEK00	JAAEK20	JCCKE00	JAAEK21	JAAEK22	JCCKE21
ICE Southern Pines Hub	JAAEM00	JAAEM20	JCCME00	JAAEM21	JAAEM22	JCCME21
ICE Stagecoach Marcellus Hub	JAAEN00	JAAEN20	JCCNE00	JAAEN21	JAAEN22	JCCNE21
ICE Stingray, pool delivery	JAAEO00	JAAEO20	JCCOE00	JAAEO21	JAAEO22	JCCOE21
ICE Tennessee, zone 0 North	JAAEP00	JAAEP20	JCCPE00	JAAEP21	JAAEP22	JCCPE21
ICE Tennessee, zone 0 South	JAAEQ00	JAAEQ20	JCCQE00	JAAEQ21	JAAEQ22	JCCQE21
ICE Tennessee, zone 1 100 Leg Pool	JAAER00	JAAER20	JCCRE00	JAAER21	JAAER22	JCCRE21
ICE Tennessee, zone 1, Station 87 Pool	JAAES00	JAAES20	JCCSE00	JAAES21	JAAES22	JCCSE21
ICE Tennessee, zone 4, station 219 Pool	JAAET00	JAAET20	JCCTE00	JAAET21	JAAET22	JCCTE21
ICE Texas Eastern, M2 Zone (delivered)	JAAEV00	JAAEV20	JCCVE00	JAAEV21	JAAEV22	JCCVE21
ICE Texas Eastern, Manhattan Lateral (delivered)	JAAEW00	JAAEW20	JCCWE00	JAAEW21	JAAEW22	JCCWE21
ICE Texas Gas, Mainline Pool	JAAEX00	JAAEX20	JCCXE00	JAAEX21	JAAEX22	JCCXE21
ICE Texas Gas, North Louisiana Pool	JAAEY00	JAAEY20	JCCYE00	JAAEY21	JAAEY22	JCCYE21

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Name of Indices Description of Symbol Market Data Category Bates Published	Final Daily Indices By Trade Date			Final Daily Indices By Flow Date		
	Index and Common Range GD	Absolute Range GD	Deal Count GD	Index GD	Absolute Range GD	Deal Count GD
	h,l,c,w	h,l	u	h,l,c,w	h,l	u
ICE Transco, zone 6 (non-NY north mainline)	JAAEZ00	JAAEZ20	JCCEZ00	JAAEZ21	JAAEZ22	JCCEZ21
ICE Transco, zone 6 station 210 Pool	JAAFA00	JAAFA20	JCCFA00	JAAFA21	JAAFA22	JCCFA21
ICE Transwestern, Central Pool	JAAF00	JAAF20	JCCF00	JAAF21	JAAF22	JCCF21
ICE Transwestern, Panhandle Pool	JAAFC00	JAAFC20	JCCFC00	JAAFC21	JAAFC22	JCCFC21
ICE Transwestern, West Texas Pool	JAAFD00	JAAFD20	JCCFD00	JAAFD21	JAAFD22	JCCFD21
ICE Tres Palacios Hub - Injection	JAAFE00	JAAFE20	JCCFE00	JAAFE21	JAAFE22	JCCFE21
ICE Tres Palacios Hub - Withdrawal	JAAFF00	JAAFF20	JCCFF00	JAAFF21	JAAFF22	JCCFF21
ICE Waha Hub, West Texas (buyer's choice dlvd)	JAAFG00	JAAFG20	JCCFG00	JAAFG21	JAAFG22	JCCFG21
ICE WIC, Pool	JAAFH00	JAAFH20	JCCFH00	JAAFH21	JAAFH22	JCCFH21

Bates are defined as: high = h; Low = l; Index = u or Final Indices and c for Preliminary Indices; Volume = w

## ICE LOCATIONS MONTHLY SYMBOLS

Name of Indices Description of Symbol Market Data Category Bates Published	Final Monthly Indices				Preliminary Daily Indices During Bidweek				Preliminary Bidweek To Date Indices			
	Index	Deal Count	Basis	Basis Deal Count	Preliminary Fixed Price	Preliminary Fixed Price Deal Count	Preliminary Basis	Preliminary Basis Deal Count	Preliminary Cumulative Fixed Price	Preliminary Cumulative Fixed Price Deal Count	Preliminary Cumulative Basis	Preliminary Cumulative Basis Deal Count
	GM	GM	GM	GM	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u
ICE Agua Blanca Pool	JAAHU03	JDDHU03	JAAHU36	JDDHU36	JBBHU03	JEEHU03	JBBHU36	JEEHU36	JCCHU03	JFFHU03	JCCHU36	JFFHU36
ICE Agua Dulce Hub	JAAGI03	JDDGI03	JAAGI36	JDDGI36	JBBGI03	JEEGI03	JBBGI36	JEEGI36	JCCGI03	JFFGI03	JCCGI36	JFFGI36
ICE Algonquin CG (Excl. J and G Lateral deliveries)	JAAAA03	JDDAA03	JAAAA36	JDDAA36	JBBAA03	JEEAA03	JBBAA36	JEEAA36	JCCAA03	JFFAA03	JCCAA36	JFFAA36
ICE Algonquin Citygates (Excl. J Lateral deliveries)	JAAAB03	JDDAB03	JAAAB36	JDDAB36	JBBAB03	JEEAB03	JBBAB36	JEEAB36	JCCAB03	JFFAB03	JCCAB36	JFFAB36
ICE Algonquin, Millennium-Ramapo receipts	JAAHF03	JDDHF03	JAAHF36	JDDHF36	JBBHF03	JEEHF03	JBBHF36	JEEHF36	JCCHF03	JFFHF03	JCCHF36	JFFHF36
ICE Algonquin, TGP-Mahwah receipts	JAAHG03	JDDHG03	JAAHG36	JDDHG36	JBBHG03	JEEHG03	JBBHG36	JEEHG36	JCCHG03	JFFHG03	JCCHG36	JFFHG36
ICE Alliance, Chicago Exchange Hub	JAAAC03	JDDAC03	JAAAC36	JDDAC36	JBBAC03	JEEAC03	JBBAC36	JEEAC36	JCCAC03	JFFAC03	JCCAC36	JFFAC36
ICE Alliance, ANR Interconnect	JAAAD03	JDDAD03	JAAAD36	JDDAD36	JBBAD03	JEEAD03	JBBAD36	JEEAD36	JCCAD03	JFFAD03	JCCAD36	JFFAD36
ICE Alliance, Midwestern Interconnect	JAAFX03	JDDFX03	JAAFX36	JDDFX36	JBBFX03	JEEFX03	JBBFX36	JEEFX36	JCCFX03	JFFFX03	JCCFX36	JFFFX36
ICE Alliance, NGPL Interconnect	JAAAF03	JDDAF03	JAAAF36	JDDAF36	JBBAF03	JEEAF03	JBBAF36	JEEAF36	JCCAF03	JFFAF03	JCCAF36	JFFAF36
ICE Alliance, Nicor Interconnect	JAAAG03	JDDAG03	JAAAG36	JDDAG36	JBBAG03	JEEAG03	JBBAG36	JEEAG36	JCCAG03	JFFAG03	JCCAG36	JFFAG36
ICE Alliance, Vector Interconnect	JAAAH03	JDDAH03	JAAAH36	JDDAH36	JBBAH03	JEEAH03	JBBAH36	JEEAH36	JCCA03	JFFAH03	JCCA36	JFFAH36
ICE ANR, SE Transmission Pool	JAAAI03	JDDAI03	JAAAI36	JDDAI36	JBBAI03	JEEAI03	JBBAI36	JEEAI36	JCCAI03	JFFAI03	JCCAI36	JFFAI36
ICE ANR, SE Gathering Pool	JAAAJ03	JDDAJ03	JAAAJ36	JDDAJ36	JBBAJ03	JEEAJ03	JBBAJ36	JEEAJ36	JCCAJ03	JFFAJ03	JCCAJ36	JFFAJ36
ICE ANR, Joliet Hub CDP	JAAAK03	JDDAK03	JAAAK36	JDDAK36	JBBAK03	JEEAK03	JBBAK36	JEEAK36	JCCAK03	JFFAK03	JCCAK36	JFFAK36
ICE Atmos, zone 3, receipts	JAAAL03	JDDAL03	JAAAL36	JDDAL36	JBBAL03	JEEAL03	JBBAL36	JEEAL36	JCCAL03	JFFAL03	JCCAL36	JFFAL36
ICE Banquete Hub	JAAHX03	JDDHX03	JAAHX36	JDDHX36	JBBHX03	JEEHX03	JBBHX36	JEEHX36	JCCHX03	JFFHX03	JCCHX36	JFFHX36
ICE Bennington, Oklahoma (buyer's choice)	JAAHK03	JDDHK03	JAAHK36	JDDHK36	JBBHK03	JEEHK03	JBBHK36	JEEHK36	JCCHK03	JFFHK03	JCCHK36	JFFHK36

## ICE LOCATIONS MONTHLY SYMBOLS

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	Index	Deal Count	Basis	Basis Deal Count	Preliminary Fixed Price	Preliminary Fixed Price Deal Count	Preliminary Basis	Preliminary Basis Deal Count	Preliminary Cumulative Fixed Price	Preliminary Cumulative Fixed Price Deal Count	Preliminary Cumulative Basis	Preliminary Cumulative Basis Deal Count
Market Data Category	GM	GM	GM	GM	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
Bates Published	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u
ICE Bluewater Gas Storage	JAAAN03	JDDAN03	JAAAN36	JDDAN36	JBBAN03	JEEAN03	JBBAN36	JEEAN36	JCCAN03	JFFAN03	JCCAN36	JFFAN36
ICE Bobcat Interconnect (buyers' choice dlvd)	JAAA003	JDDA003	JAAA036	JDDA036	JBBA003	JEEA003	JBBA036	JEEA036	JCCA003	JFFA003	JCCA036	JFFA036
ICE Bobcat Storage (In-ground transfer only)	JAAP03	JDDAP03	JAAP36	JDDAP36	JBBAP03	JEEAP03	JBBAP36	JEEAP36	JCCAP03	JFFAP03	JCCAP36	JFFAP36
ICE Carthage Hub Tailgate	JAAQ03	JDDAQ03	JAAQ36	JDDAQ36	JBBAQ03	JEEAQ03	JBBAQ36	JEEAQ36	JCCAQ03	JFFAQ03	JCCAQ36	JFFAQ36
ICE CIG - Mainline (sellers' choice, non-lateral)	JAAFY03	JDDFY03	JAAFY36	JDDFY36	JBBFY03	JEEFY03	JBBFY36	JEEFY36	JCCFY03	JFFFY03	JCCFY36	JFFFY36
ICE CIG, Mainline Pool	JAAFZ03	JDDFZ03	JAAFZ36	JDDFZ36	JBBFZ03	JEEFZ03	JBBFZ36	JEEFZ36	JCCFZ03	JFFFZ03	JCCFZ36	JFFFZ36
ICE CIG - Mainline South (sellers' choice)	JAAAT03	JDDAT03	JAAAT36	JDDAT36	JBBAT03	JEEAT03	JBBAT36	JEEAT36	JCCAT03	JFFAT03	JCCAT36	JFFAT36
ICE Clarington Tennessee	JAXA03	JDDXA03	JAXA36	JDDXA36	JBBXA03	JEEXA03	JBBXA36	JEEXA36	JCCXA03	JFFXA03	JCCXA36	JFFXA36
ICE Columbia Gas, A04 Pool	JAAAU03	JDDAU03	JAAAU36	JDDAU36	JBBAU03	JEEAU03	JBBAU36	JEEAU36	JCCAU03	JFFAU03	JCCAU36	JFFAU36
ICE Columbia Gas, A06 Pool	JAAAV03	JDDAV03	JAAAV36	JDDAV36	JBBAV03	JEEAV03	JBBAV36	JEEAV36	JCCAV03	JFFAV03	JCCAV36	JFFAV36
ICE Columbia Gas, Segmentation Pool	JAAAW03	JDDAW03	JAAAW36	JDDAW36	JBBAW03	JEEAW03	JBBAW36	JEEAW36	JCCAW03	JFFAW03	JCCAW36	JFFAW36
ICE Dominion Energy, Cove Point, on system delivery	JAAHM03	JDDHM03	JAAHM36	JDDHM36	JBBHM03	JEEHM03	JBBHM36	JEEHM36	JCCHM03	JFFHM03	JCCHM36	JFFHM36
ICE Dominion, North Point	JAAFI03	JDDFI03	JAAFI36	JDDFI36	JBBFI03	JEEFI03	JBBFI36	JEEFI36	JCCFI03	JFFFI03	JCCFI36	JFFFI36
ICE Dracut Interconnect - Maritimes, Tennessee, Portland	JAAFJ03	JDDFJ03	JAAFJ36	JDDFJ36	JBBFJ03	JEEFJ03	JBBFJ36	JEEFJ36	JCCFJ03	JFFFJ03	JCCFJ36	JFFFJ36
ICE Egan Interconnect (buyers' choice delivered)	JAAAZ03	JDDAZ03	JAAAZ36	JDDAZ36	JBBAZ03	JEEAZ03	JBBAZ36	JEEAZ36	JCCAZ03	JFFAZ03	JCCAZ36	JFFAZ36
ICE Egan Storage (In-ground transfer only)	JABBA03	JDDBA03	JABBA36	JDDBA36	JBBBA03	JEEBA03	JBBBA36	JEEBA36	JCCBA03	JFFBA03	JCCBA36	JFFBA36
ICE El Paso, Keystone Pool	JABBB03	JDDBB03	JABBB36	JDDBB36	JBBBB03	JEEBB03	JBBBB36	JEEBB36	JCCBB03	JFFBB03	JCCBB36	JFFBB36
ICE El Paso, Plains Pool	JABBC03	JDDBC03	JABBC36	JDDBC36	JBBBC03	JEEBC03	JBBBC36	JEEBC36	JCCBC03	JFFBC03	JCCBC36	JFFBC36
ICE El Paso, San Juan Basin, Blanco Pool (Primary only)	JAAFK03	JDDFK03	JAAFK36	JDDFK36	JBBFK03	JEEFK03	JBBFK36	JEEFK36	JCCFK03	JFFFK03	JCCFK36	JFFFK36
ICE El Paso, San Juan Basin, Bondad Station (Primary only)	JAAFL03	JDDFL03	JAAFL36	JDDFL36	JBBFL03	JEEFL03	JBBFL36	JEEFL36	JCCFL03	JFFFL03	JCCFL36	JFFFL36
ICE El Paso, South Mainline (buyers' choice)	JAAFM03	JDDFM03	JAAFM36	JDDFM36	JBBFM03	JEEFM03	JBBFM36	JEEFM36	JCCFM03	JFFFM03	JCCFM36	JFFFM36
ICE El Paso, Waha Pool	JABBD03	JDDBD03	JABBD36	JDDBD36	JBBBD03	JEEBD03	JBBBD36	JEEBD36	JCCBD03	JFFBD03	JCCBD36	JFFBD36
ICE Enable Gas, Flex Pool only	JABBE03	JDDBE03	JABBE36	JDDBE36	JBBBE03	JEEBE03	JBBBE36	JEEBE36	JCCBE03	JFFBE03	JCCBE36	JFFBE36
ICE Enable Gas, North Pool only	JABBF03	JDDBF03	JABBF36	JDDBF36	JBBBF03	JEEBF03	JBBBF36	JEEBF36	JCCBF03	JFFBF03	JCCBF36	JFFBF36
ICE Enable Gas, Perryville Hub	JABBG03	JDDBG03	JABBG36	JDDBG36	JBBBG03	JEEBG03	JBBBG36	JEEBG36	JCCBG03	JFFBG03	JCCBG36	JFFBG36
ICE Enable Gas, South Pool only	JABBH03	JDDBH03	JABBH36	JDDBH36	JBBBH03	JEEBH03	JBBBH36	JEEBH36	JCCBH03	JFFBH03	JCCBH36	JFFBH36
ICE Enable Gas, West (W1 or W2 as mutually agreed)	JABBI03	JDDBI03	JABBI36	JDDBI36	JBBBI03	JEEBI03	JBBBI36	JEEBI36	JCCBI03	JFFBI03	JCCBI36	JFFBI36
ICE Enable Gas, West Pool	JABBJ03	JDDBJ03	JABBJ36	JDDBJ36	JBBBJ03	JEEBJ03	JBBBJ36	JEEBJ36	JCCBJ03	JFFBJ03	JCCBJ36	JFFBJ36
ICE ENT, STX Map	JAAHT03	JDDHT03	JAAHT36	JDDHT36	JBBHT03	JEEHT03	JBBHT36	JEEHT36	JCCHT03	JFFHT03	JCCHT36	JFFHT36
ICE ETC, Cleburne	JAAHH03	JDDHH03	JAAHH36	JDDHH36	JBBHH03	JEEHH03	JBBHH36	JEEHH36	JCCHH03	JFFHH03	JCCHH36	JFFHH36
ICE ETC, Maypearl	JABK03	JDDBK03	JABK36	JDDBK36	JBBK03	JEEBK03	JBBK36	JEEBK36	JCCBK03	JFFBK03	JCCBK36	JFFBK36
ICE Florida Citygate	JAAFN03	JDDFN03	JAAFN36	JDDFN36	JBBFN03	JEEFN03	JBBFN36	JEEFN36	JCCFN03	JFFFN03	JCCFN36	JFFFN36
ICE GTN, Kingsgate	JAAF03	JDDF03	JAAF36	JDDF36	JBBF03	JEEF03	JBBF36	JEEF36	JCCF03	JFFF03	JCCF36	JFFF36



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Market Data Category	GM	GM	GM	GM	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
Bates Published	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u
ICE GTN, Stanfield	JAAFP03	JDDFP03	JAAFP36	JDDFP36	JBBFP03	JEEFP03	JBBFP36	JEEFP36	JCCFP03	JFFFP03	JCCFP36	JFFFP36
ICE Golden Triangle Storage & Hub	JAABL03	JDDBL03	JAABL36	JDDBL36	JBBBL03	JEEBL03	JBBBL36	JEEBL36	JCCBL03	JFFBL03	JCCBL36	JFFBL36
ICE Great Lakes Gas, St. Clair	JAABM03	JDDBM03	JAABM36	JDDBM36	JBBBM03	JEEBM03	JBBBM36	JEEBM36	JCCBM03	JFFBM03	JCCBM36	JFFBM36
ICE Guardian, Guardian Hub	JAABN03	JDDBN03	JAABN36	JDDBN36	JBBBN03	JEEBN03	JBBBN36	JEEBN36	JCCBN03	JFFBN03	JCCBN36	JFFBN36
ICE Gulf South, Perryville Exchange Point	JAABO03	JDDBO03	JAABO36	JDDBO36	JBBBO03	JEEBO03	JBBBO36	JEEBO36	JCCBO03	JFFBO03	JCCBO36	JFFBO36
ICE Gulf South, Pool Area #16	JAABP03	JDDBP03	JAABP36	JDDBP36	JBBBP03	JEEBP03	JBBBP36	JEEBP36	JCCBP03	JFFBP03	JCCBP36	JFFBP36
ICE HPL, East Texas Pool	JAABR03	JDDBR03	JAABR36	JDDBR36	JBBBR03	JEEBR03	JBBBR36	JEEBR36	JCCBR03	JFFBR03	JCCBR36	JFFBR36
ICE Iroquois, zone 1 (delivered excl. Waddington)	JAABS03	JDDBS03	JAABS36	JDDBS36	JBBBS03	JEEBS03	JBBBS36	JEEBS36	JCCBS03	JFFBS03	JCCBS36	JFFBS36
ICE Iroquois, zone 2 (non-Hunts Point/Eastchester Lateral)	JAABT03	JDDBT03	JAABT36	JDDBT36	JBBBT03	JEEBT03	JBBBT36	JEEBT36	JCCBT03	JFFBT03	JCCBT36	JFFBT36
ICE Iroquois, zone 2 Hunts Point/Eastchester Lateral	JAABU03	JDDBU03	JAABU36	JDDBU36	JBBBU03	JEEBU03	JBBBU36	JEEBU36	JCCBU03	JFFBU03	JCCBU36	JFFBU36
ICE Jefferson Island Storage and Hub	JAABV03	JDDBV03	JAABV36	JDDBV36	JBBBV03	JEEBV03	JBBBV36	JEEBV36	JCCBV03	JFFBV03	JCCBV36	JFFBV36
ICE Katy, ENSTOR Pool (excl. Kinder Morgan Texas)	JAABW03	JDDBW03	JAABW36	JDDBW36	JBBBW03	JEEBW03	JBBBW36	JEEBW36	JCCBW03	JFFBW03	JCCBW36	JFFBW36
ICE Katy, Lonestar (Warranted as Intrastate)	JAABX03	JDDBX03	JAABX36	JDDBX36	JBBBX03	JEEBX03	JBBBX36	JEEBX36	JCCBX03	JFFBX03	JCCBX36	JFFBX36
ICE Katy, Lonestar Interstate	JAABY03	JDDBY03	JAABY36	JDDBY36	JBBBY03	JEEBY03	JBBBY36	JEEBY36	JCCBY03	JFFBY03	JCCBY36	JFFBY36
ICE Katy, Oasis Pipeline	JAABZ03	JDDBZ03	JAABZ36	JDDBZ36	JBBBZ03	JEEBZ03	JBBBZ36	JEEBZ36	JCCBZ03	JFFBZ03	JCCBZ36	JFFBZ36
ICE Kern River, on system delivery	JAAFQ03	JDDFQ03	JAAFQ36	JDDFQ36	JBBFQ03	JEEFQ03	JBBFQ36	JEEFQ36	JCCFQ03	JFFQ03	JCCFQ36	JFFQ03
ICE Kern River, on system receipt	JAACA03	JDDCA03	JAACA36	JDDCA36	JBBCA03	JEECA03	JBBCA36	JEECA36	JCCCA03	JFFCA03	JCCCA36	JFFCA36
ICE Maritimes, Hubline and Beverly Salem	JAACB03	JDDCB03	JAACB36	JDDCB36	JBBCB03	JEECB03	JBBCB36	JEECB36	JCCCB03	JFFCB03	JCCCB36	JFFCB36
ICE Maritimes and Northeast Pipeline US (buyer's choice dlvd)	JAACC03	JDDCC03	JAACC36	JDDCC36	JBBCC03	JEECC03	JBBCC36	JEECC36	JCCCC03	JFFCC03	JCCCC36	JFFCC36
ICE Millennium Pipeline - buyers' choice delivered	JAAHA03	JDDHA03	JAAHA36	JDDHA36	JBBHA03	JEEHA03	JBBHA36	JEEHA36	JCCCHA03	JFFHA03	JCCCHA36	JFFHA36
ICE Moss Bluff Interconnect (buyers' choice dlvd)	JAACD03	JDDCD03	JAACD36	JDDCD36	JBBCD03	JEECD03	JBBCD36	JEECD36	JCCCD03	JFFCD03	JCCCD36	JFFCD36
ICE Moss Bluff Storage (In-ground transfers only)	JAACE03	JDDCE03	JAACE36	JDDCE36	JBBCE03	JEECE03	JBBCE36	JEECE36	JCCCE03	JFFCE03	JCCCE36	JFFCE36
ICE MS Hub Storage	JAACF03	JDDCF03	JAACF36	JDDCF36	JBBCF03	JEECF03	JBBCF36	JEECF36	JCCCF03	JFFCF03	JCCCF36	JFFCF36
ICE NGPL, Amarillo Pooling PIN	JAACG03	JDDCG03	JAACG36	JDDCG36	JBBCG03	JEECG03	JBBCG36	JEECG36	JCCCG03	JFFCG03	JCCCG36	JFFCG36
ICE NGPL, Amarillo Storage PIN	JAACH03	JDDCH03	JAACH36	JDDCH36	JBBCH03	JEECH03	JBBCH36	JEECH36	JCCCH03	JFFCH03	JCCCH36	JFFCH36
ICE NGPL, Gulf Coast Mainline Pool	JAACI03	JDDCI03	JAACI36	JDDCI36	JBBCI03	JEECI03	JBBCI36	JEECI36	JCCCI03	JFFCI03	JCCCI36	JFFCI36
ICE NGPL, Iowa-Illinois GC Pool	JAAHN03	JDDHN03	JAAHN36	JDDHN36	JBBHN03	JEEHN03	JBBHN36	JEEHN36	JCCHN03	JFFHN03	JCCHN36	JFFHN36
ICE NGPL, Iowa-Illinois AM Pool	JAAHO03	JDDHO03	JAAHO36	JDDHO36	JBBHO03	JEEHO03	JBBHO36	JEEHO36	JCCHO03	JFFHO03	JCCHO36	JFFHO36
ICE NGPL, Iowa-Illinois GC Storage	JAAHP03	JDDHP03	JAAHP36	JDDHP36	JBBHP03	JEEHP03	JBBHP36	JEEHP36	JCCHP03	JFFHP03	JCCHP36	JFFHP36
ICE NGPL, Iowa-Illinois AM Storage	JAAHQ03	JDDHQ03	JAAHQ36	JDDHQ36	JBBHQ03	JEEHQ03	JBBHQ36	JEEHQ36	JCCHQ03	JFFHQ03	JCCHQ36	JFFHQ36
ICE NGPL, Louisiana Pooling PIN	JAACL03	JDDCL03	JAACL36	JDDCL36	JBBCL03	JEECL03	JBBCL36	JEECL36	JCCCL03	JFFCL03	JCCCL36	JFFCL36
ICE NGPL, Louisiana Storage PIN	JAACM03	JDDCM03	JAACM36	JDDCM36	JBBCM03	JEECM03	JBBCM36	JEECM36	JCCCM03	JFFCM03	JCCCM36	JFFCM36
ICE NGPL, Mid-American Citygate	JAACN03	JDDCN03	JAACN36	JDDCN36	JBBCN03	JEECN03	JBBCN36	JEECN36	JCCCN03	JFFCN03	JCCCN36	JFFCN36

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Market Data Category	GM	GM	GM	GM	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
Bates Published	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u
ICE NGPL, Mid-Continent Storage PIN	JAAC003	JDDC003	JAAC036	JDDC036	JBBC003	JEEC003	JBBC036	JEEC036	JCCC003	JFFC003	JCCC036	JFFC036
ICE NGPL, TXOK East Pool	JAACP03	JDDCP03	JAACP36	JDDCP36	JBBCP03	JEPCP03	JBBCP36	JEPCP36	JCCCP03	JFFCP03	JCCCP36	JFFCP36
ICE NGPL, TXOK West Pool	JAACQ03	JDDCQ03	JAACQ36	JDDCQ36	JBBCQ03	JECCQ03	JBBCQ36	JECCQ36	JCCQ03	JFFCQ03	JCCQ36	JFFCQ36
ICE NorTex, Tolar Hub	JAACR03	JDDCR03	JAACR36	JDDCR36	JBBCR03	JECCR03	JBBCR36	JECCR36	JCCCR03	JFFCR03	JCCCR36	JFFCR36
ICE Northern Border, Harper Transfer Point	JAACS03	JDDCS03	JAACS36	JDDCS36	JBBCS03	JECS03	JBBCS36	JECS36	JCCCS03	JFFCS03	JCCCS36	JFFCS36
ICE Northern Border, Nicor Interconnect	JAACT03	JDDCT03	JAACT36	JDDCT36	JBBC03	JEECT03	JBBC36	JEECT36	JCCCT03	JFFCT03	JCCCT36	JFFCT36
ICE Northern Border, Vector Interconnect	JAACU03	JDDCU03	JAACU36	JDDCU36	JBBCU03	JEUCU03	JBBCU36	JEUCU36	JCCCU03	JFFCU03	JCCCU36	JFFCU36
ICE Northern Border, Will County	JAACV03	JDDCV03	JAACV36	JDDCV36	JBBCV03	JECCV03	JBBCV36	JECCV36	JCCCV03	JFFCV03	JCCCV36	JFFCV36
ICE Northern Natural, Mid 13 - 16A Pool	JAACW03	JDDCW03	JAACW36	JDDCW36	JBBCW03	JECCW03	JBBCW36	JECCW36	JCCW03	JFFCW03	JCCW36	JFFCW36
ICE Northern Natural, Mid 1-7 Pool	JAACX03	JDDCX03	JAACX36	JDDCX36	JBBCX03	JECCX03	JBBCX36	JECCX36	JCCX03	JFFCX03	JCCX36	JFFCX36
ICE Northern Natural, Mid 8 -12 Pool	JAACY03	JDDCY03	JAACY36	JDDCY36	JBBCY03	JECCY03	JBBCY36	JECCY36	JCCY03	JFFCY03	JCCY36	JFFCY36
ICE Northwest, Rocky Mountain Pool	JAADR03	JDDFR03	JAADR36	JDDFR36	JBBCR03	JEFCR03	JBBCR36	JEFCR36	JCCFR03	JFFFR03	JCCFR36	JFFFR36
ICE Northwest, Wyoming Pool	JAASF03	JDDFS03	JAASF36	JDDFS36	JBBCS03	JEFS03	JBBCS36	JEFS36	JCCFS03	JFFFS03	JCCFS36	JFFFS36
ICE Oasis, Waha Pool	JAACZ03	JDDCZ03	JAACZ36	JDDCZ36	JBBCZ03	JECCZ03	JBBCZ36	JECCZ36	JCCZ03	JFFCZ03	JCCZ36	JFFCZ36
ICE ONEOK, Westex Pool	JAADA03	JDDDA03	JAADA36	JDDDA36	JBBD03	JEEDA03	JBBD36	JEEDA36	JCCDA03	JFFDA03	JCCDA36	JFFDA36
ICE Opal Plant Tailgate	JAADB03	JDDDB03	JAADB36	JDDDB36	JBBD03	JEEDB03	JBBD36	JEEDB36	JCCDB03	JFFDB03	JCCDB36	JFFDB36
ICE PG&E, Daggett	JAADC03	JDDDC03	JAADC36	JDDDC36	JBBD03	JEEDC03	JBBD36	JEEDC36	JCCDC03	JFFDC03	JCCDC36	JFFDC36
ICE PG&E, Kern River Station	JAADD03	JDDDD03	JAADD36	JDDDD36	JBBD03	JEEDD03	JBBD36	JEEDD36	JCCDD03	JFFDD03	JCCDD36	JFFDD36
ICE PG&E-Onyx Hill	JAAHB03	JDDHB03	JAAHB36	JDDHB36	JBBD03	JEEDH03	JBBD36	JEEDH36	JCCDB03	JFFDB03	JCCDB36	JFFDB36
ICE PG&E, Topock	JAAD03	JDDDE03	JAAD036	JDDDE36	JBBD03	JEED03	JBBD36	JEED036	JCCDE03	JFFDE03	JCCDE36	JFFDE36
ICE Pine Prairie Hub	JAADF03	JDDDF03	JAADF36	JDDDF36	JBBD03	JEEDF03	JBBD36	JEEDF36	JCCDF03	JFFDF03	JCCDF36	JFFDF36
ICE Pioneer Plant Tailgate	JAADG03	JDDDG03	JAADG36	JDDDG36	JBBD03	JEEDG03	JBBD36	JEEDG36	JCCDG03	JFFDG03	JCCDG36	JFFDG36
ICE PNGTS (buyer's choice dlvd)	JAADH03	JDDDH03	JAADH36	JDDDH36	JBBD03	JEEDH03	JBBD36	JEEDH36	JCCDH03	JFFDH03	JCCDH36	JFFDH36
ICE Questar, North Pool	JAADI03	JDDDI03	JAADI36	JDDDI36	JBBD03	JEEDI03	JBBD36	JEEDI36	JCCDI03	JFFDI03	JCCDI36	JFFDI36
ICE Questar, South Pool	JAADJ03	JDDDJ03	JAADJ36	JDDDJ36	JBBD03	JEEDJ03	JBBD36	JEEDJ36	JCCDJ03	JFFDJ03	JCCDJ36	JFFDJ36
ICE REX (East), delivered into ANR	JAADK03	JDDDK03	JAADK36	JDDDK36	JBBD03	JEEDK03	JBBD36	JEEDK36	JCCDK03	JFFDK03	JCCDK36	JFFDK36
ICE REX (East), delivered into Lebanon Hub	JAAHC03	JDDHC03	JAAHC36	JDDHC36	JBBD03	JEEDH03	JBBD36	JEEDH36	JCCDH03	JFFDH03	JCCDH36	JFFDH36
ICE REX (East), delivered into Midwestern Gas	JAADL03	JDDDL03	JAADL36	JDDDL36	JBBD03	JEEDL03	JBBD36	JEEDL36	JCCDL03	JFFDL03	JCCDL36	JFFDL36
ICE REX (East), delivered into NGPL	JAADM03	JDDDM03	JAADM36	JDDDM36	JBBD03	JEEDM03	JBBD36	JEEDM36	JCCDM03	JFFDM03	JCCDM36	JFFDM36
ICE REX (East), delivered into Panhandle	JAADN03	JDDDN03	JAADN36	JDDDN36	JBBD03	JEEDN03	JBBD36	JEEDN36	JCCDN03	JFFDN03	JCCDN36	JFFDN36
ICE REX (East), delivered into Trunkline	JAAD03	JDDDO03	JAAD036	JDDDO36	JBBD03	JEED03	JBBD36	JEED036	JCCDO03	JFFDO03	JCCDO36	JFFDO36
ICE REX (West), delivered into ANR	JAADP03	JDDDP03	JAADP36	JDDDP36	JBBD03	JEEDP03	JBBD36	JEEDP36	JCCDP03	JFFDP03	JCCDP36	JFFDP36
ICE REX (West), delivered into Northern Natural	JAADQ03	JDDDQ03	JAADQ36	JDDDQ36	JBBD03	JEEDQ03	JBBD36	JEEDQ36	JCCDQ03	JFFDQ03	JCCDQ36	JFFDQ36

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Market Data Category	GM	GM	GM	GM	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
Bates Published	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u
ICE REX (West), delivered into Panhandle	JAADR03	JDDDR03	JAADR36	JDDDR36	JBBDR03	JEEDR03	JBBDR36	JEEDR36	JCCDR03	JFFDR03	JCCDR36	JFFDR36
ICE Rover, receipts	JAAHR03	JDDHR03	JAAHR36	JDDHR36	JBBHR03	JEEHR03	JBBHR36	JEEHR36	JCCHR03	JFFHR03	JCCHR36	JFFHR36
ICE Rover, delivered into ANR	JAAHI03	JDDHI03	JAAHI36	JDDHI36	JBBHI03	JEEHI03	JBBHI36	JEEHI36	JCCHI03	JFFHI03	JCCHI36	JFFHI36
ICE Rover, delivered into Panhandle	JAAHJ03	JDDHJ03	JAAHJ36	JDDHJ36	JBBHJ03	JEEHJ03	JBBHJ36	JEEHJ36	JCCHJ03	JFFHJ03	JCCHJ36	JFFHJ36
ICE REX, zone 3 receipts	JAAHS03	JDDHS03	JAAHS36	JDDHS36	JBBHS03	JEEHS03	JBBHS36	JEEHS36	JCCHS03	JFFHS03	JCCHS36	JFFHS36
ICE Ruby, Onyx Hill	JAADS03	JDDDS03	JAADS36	JDDDS36	JBBD03	JEEDS03	JBBD36	JEEDS36	JCCDS03	JFFDS03	JCCDS36	JFFDS36
ICE Ruby, Receipt Pool	JAADT03	JDDDT03	JAADT36	JDDDT36	JBBDT03	JEEDT03	JBBDT36	JEEDT36	JCCDT03	JFFDT03	JCCDT36	JFFDT36
ICE Ryckman Creek Gas Storage	JAADU03	JDDDU03	JAADU36	JDDDU36	JBBDU03	JEEDU03	JBBDU36	JEEDU36	JCCDU03	JFFDU03	JCCDU36	JFFDU36
ICE Salt Plains Storage (buyers' choice)	JAADV03	JDDDV03	JAADV36	JDDDV36	JBBDV03	JEEDV03	JBBDV36	JEEDV36	JCCDV03	JFFDV03	JCCDV36	JFFDV36
ICE Salt Plains Storage (In-ground transfer only)	JAADW03	JDDDW03	JAADW36	JDDDW36	JBBDW03	JEEDW03	JBBDW36	JEEDW36	JCCDW03	JFFDW03	JCCDW36	JFFDW36
ICE Social, Blythe	JAADX03	JDDDX03	JAADX36	JDDDX36	JBBDX03	JEEDX03	JBBDX36	JEEDX36	JCCDX03	JFFDX03	JCCDX36	JFFDX36
ICE Social, Ehrenberg (delivered)	JAADY03	JDDDY03	JAADY36	JDDDY36	JBBDY03	JEEDY03	JBBDY36	JEEDY36	JCCDY03	JFFDY03	JCCDY36	JFFDY36
ICE Social, Firm Storage only (Citygate)	JAADZ03	JDDDZ03	JAADZ36	JDDDZ36	JBBDZ03	JEEDZ03	JBBDZ36	JEEDZ36	JCCDZ03	JFFDZ03	JCCDZ36	JFFDZ36
ICE Social, In-ground transfer only (Citygate)	JAAEA03	JDDEA03	JAAEA36	JDDEA36	JBBEA03	JEEEA03	JBBEA36	JEEEA36	JCCEA03	JFFEA03	JCCEA36	JFFEA36
ICE Social, Interruptible Storage only (Citygate)	JAAEB03	JDDEB03	JAAEB36	JDDEB36	JBBEB03	JEEEB03	JBBEB36	JEEEB36	JCCEB03	JFFEB03	JCCEB36	JFFEB36
ICE Social, Kern River Station	JAAEC03	JDDEC03	JAAEC36	JDDEC36	JBBEC03	JEEEC03	JBBEC36	JEEEC36	JCCEC03	JFFEC03	JCCEC36	JFFEC36
ICE Social, Kramer Junction	JAAED03	JDDED03	JAAED36	JDDED36	JBBED03	JEEED03	JBBED36	JEEED36	JCCED03	JFFED03	JCCED36	JFFED36
ICE Social, Needles	JAAEE03	JDDEE03	JAAEE36	JDDEE36	JBBEE03	JEEEE03	JBBEE36	JEEEE36	JCCEE03	JFFEE03	JCCEE36	JFFEE36
ICE Social, sellers' choice dlvd incl. CA production	JAAEF03	JDDEF03	JAAEF36	JDDEF36	JBBEF03	JEEEF03	JBBEF36	JEEEF36	JCCEF03	JFFEF03	JCCEF36	JFFEF36
ICE Social - Topock	JAAHD03	JDDHD03	JAAHD36	JDDHD36	JBBHD03	JEEHD03	JBBHD36	JEEHD36	JCCHD03	JFFHD03	JCCHD36	JFFHD36
ICE Social, Topock, El Paso	JAAEG03	JDDEG03	JAAEG36	JDDEG36	JBBEG03	JEEEG03	JBBEG36	JEEEG36	JCCEG03	JFFEG03	JCCEG36	JFFEG36
ICE Social, Topock, Transwestern	JAAEH03	JDDEH03	JAAEH36	JDDEH36	JBBEH03	JEEEH03	JBBEH36	JEEEH36	JCCEH03	JFFEH03	JCCEH36	JFFEH36
ICE Social, Wheeler Ridge	JAAEI03	JDDEI03	JAAEI36	JDDEI36	JBBEI03	JEEEI03	JBBEI36	JEEEI36	JCCEI03	JFFEI03	JCCEI36	JFFEI36
ICE Sonat - Zone 0	JAAEH03	JDDHE03	JAAEH36	JDDHE36	JBBHE03	JEEHE03	JBBHE36	JEEHE36	JCCHE03	JFFHE03	JCCHE36	JFFHE36
ICE Sonat, Zone 0 South Louisiana Pool	JAAEJ03	JDDEJ03	JAAEJ36	JDDEJ36	JBBEJ03	JEEEJ03	JBBEJ36	JEEEJ36	JCC EJ03	JFFEJ03	JCC EJ36	JFFEJ36
ICE Sonat, Zone 1 North Pool	JAAEK03	JDDEK03	JAAEK36	JDDEK36	JBBEK03	JEEEK03	JBBEK36	JEEEK36	JCC EK03	JFFEK03	JCC EK36	JFFEK36
ICE Southern Pines Hub	JAAEM03	JDDEM03	JAAEM36	JDDEM36	JBBEM03	JEEEM03	JBBEM36	JEEEM36	JCC EM03	JFFEM03	JCC EM36	JFFEM36
ICE Stagecoach Marcellus Hub	JAAEN03	JDDEN03	JAAEN36	JDDEN36	JBBEN03	JEEEN03	JBBEN36	JEEEN36	JCC EN03	JFFEN03	JCC EN36	JFFEN36
ICE Stingray, pool delivery	JAAEO03	JDDEO03	JAAEO36	JDDEO36	JBBEO03	JEEEO03	JBBEO36	JEEEO36	JCC EO03	JFFEO03	JCC EO36	JFFEO36
ICE Tennessee, zone 0 North	JAAEP03	JDDEP03	JAAEP36	JDDEP36	JBBEP03	JEEEP03	JBBEP36	JEEEP36	JCC EP03	JFFEP03	JCC EP36	JFFEP36
ICE Tennessee, zone 0 South	JAAEQ03	JDDEQ03	JAAEQ36	JDDEQ36	JBBEQ03	JEEEQ03	JBBEQ36	JEEEQ36	JCC EQ03	JFFEQ03	JCC EQ36	JFFEQ36
ICE Tennessee, zone 1 100 Leg Pool	JAAER03	JDDER03	JAAER36	JDDER36	JBBER03	JEEER03	JBBER36	JEEER36	JCC ER03	JFFER03	JCC ER36	JFFER36
ICE Tennessee, zone 1, Station 87 Pool	JAAES03	JDDES03	JAAES36	JDDES36	JBBES03	JEEES03	JBBES36	JEEES36	JCC ES03	JFFES03	JCC ES36	JFFES36

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Market Data Category	GM	GM	GM	GM	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
Bates Published	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u	h,l,c,w	u
ICE Tennessee, zone 4, station 219 Pool	JAAET03	JDDET03	JAAET36	JDDET36	JBBET03	JREET03	JBBET36	JREET36	JCCET03	JFFET03	JCCET36	JFFET36
ICE Tennessee, zone 5, 200 Line, dlvd downstream of station 245	JAAEU03	JDDU03	JAAEU36	JDDU36	JBBEU03	JREEU03	JBBEU36	JREEU36	JCCU03	JFFU03	JCCU36	JFFU36
ICE Tennessee, zone 6, 300 Line (delivered)	JAAFT03	JDDFT03	JAAFT36	JDDFT36	JBBFT03	JJEFT03	JBBFT36	JJEFT36	JCCFT03	JFFFT03	JCCFT36	JFFFT36
ICE Texas Eastern, M1 24 inch	JAAFU03	JDDFU03	JAAFU36	JDDFU36	JBBFU03	JJEFU03	JBBFU36	JJEFU36	JCCFU03	JFFFU03	JCCFU36	JFFFU36
ICE Texas Eastern, M2 Zone (delivered)	JAAEV03	JDDEV03	JAAEV36	JDDEV36	JBBEV03	JJEEV03	JBBEV36	JJEEV36	JCCV03	JFFV03	JCCV36	JFFV36
ICE Texas Eastern, Manhattan Lateral (delivered)	JAAEW03	JDDEW03	JAAEW36	JDDEW36	JBBEW03	JJEEW03	JBBEW36	JJEEW36	JCCW03	JFFW03	JCCW36	JFFW36
ICE Texas Gas, Mainline Pool	JAAEX03	JDDEX03	JAAEX36	JDDEX36	JBBEX03	JJEEEX03	JBBEX36	JJEEEX36	JCCEX03	JFFEX03	JCCEX36	JFFEX36
ICE Texas Gas, North Louisiana Pool	JAAEY03	JDDEY03	JAAEY36	JDDEY36	JBBEY03	JJEEY03	JBBEY36	JJEEY36	JCCY03	JFFEY03	JCCY36	JFFEY36
ICE Transco, zone 5 delivered (north of station 165)	JAAEV03	JDDFV03	JAAEV36	JDDFV36	JBBFV03	JJEEFV03	JBBFV36	JJEEFV36	JCCFV03	JFFFV03	JCCFV36	JFFFV36
ICE Transco, zone 6 (non-NY north mainline)	JAAEZ03	JDDEZ03	JAAEZ36	JDDEZ36	JBBEZ03	JJEEZ03	JBBEZ36	JJEEZ36	JCCZ03	JFFEZ03	JCCZ36	JFFEZ36
ICE Transco, zone 6 station 210 Pool	JAAFA03	JDDFA03	JAAFA36	JDDFA36	JBBFA03	JJEFA03	JBBFA36	JJEFA36	JCCFA03	JFFFA03	JCCFA36	JFFFA36
ICE Transwestern, Central Pool	JAAFB03	JDDFB03	JAAFB36	JDDFB36	JBBFB03	JJEFB03	JBBFB36	JJEFB36	JCCFB03	JFFFB03	JCCFB36	JFFFB36
ICE Transwestern, Panhandle Pool	JAAFC03	JDDFC03	JAAFC36	JDDFC36	JBBFC03	JJEF03	JBBFC36	JJEF03	JCCFC03	JFFFC03	JCCFC36	JFFFC36
ICE Transwestern, West Texas Pool	JAAFD03	JDDFD03	JAAFD36	JDDFD36	JBBFD03	JJEF03	JBBFD36	JJEF03	JCCFD03	JFFFD03	JCCFD36	JFFFD36
ICE Tres Palacios Hub - Injection	JAAFE03	JDDFE03	JAAFE36	JDDFE36	JBBFE03	JJEF03	JBBFE36	JJEF03	JCCFE03	JFFFE03	JCCFE36	JFFFE36
ICE Tres Palacios Hub - Withdrawal	JAAFF03	JDDFF03	JAAFF36	JDDFF36	JBBFF03	JJEF03	JBBFF36	JJEF03	JCCFF03	JFFFF03	JCCFF36	JFFFF36
ICE Waha Hub, West Texas (buyer's choice dlvd)	JAAFG03	JDDFG03	JAAFG36	JDDFG36	JBBFG03	JJEF03	JBBFG36	JJEF03	JCCFG03	JFFFG03	JCCFG36	JFFFG36
ICE White River Hub (buyer's choice dlvd)	JAAFW03	JDDFW03	JAAFW36	JDDFW36	JBBFW03	JJEF03	JBBFW36	JJEF03	JCCFW03	JFFFW03	JCCFW36	JFFFW36
ICE WIC, Pool	JAAFH03	JDDFH03	JAAFH36	JDDFH36	JBBFH03	JJEF03	JBBFH36	JJEF03	JCCFH03	JFFFH03	JCCFH36	JFFFH36

Bates are defined as: high = h; Low = l; Index = u or Final Indices and c for Preliminary Indices; Volume = w

## SHALE VALUE CHAIN METHODOLOGY

Platts expanded its cross-commodity coverage of the US natural gas and natural gas liquids markets in May 2014 by launching innovative new calculations, collectively known as the Shale Value Chain (SVC).

The foundations of the Shale Value Chain calculations lie in the benchmark natural gas prices that Platts publishes daily, as well as its daily natural gas liquids (NGL) assessments. For details on the assessment processes for natural gas and NGL, including price reporting criteria, see the North American Natural Gas methodology guide and the Americas Refined Oil Products methodology guide, which are listed in the Methodology and Reference section on Platts.com.

Platts publishes one component for each daily SVC calculation: a closing price. The closing price is a calculation based on the price differential between Platts natural gas indices as well as Platts NGL assessments, as is described in Part VII, and is published in cents/ gallon and \$ /MMBtu.

### Gulf Coast Ethane Fractionation Spread

The Gulf Coast Ethane Fractionation Spread is the price differential between prompt purity ethane at Mont Belvieu non-LST and the Houston Ship Channel daily natural gas price.

### Gulf Coast E/P Mix Fractionation Spread

The Gulf Coast E/P Mix Fractionation Spread is the price differential between prompt ethane/propane mix at Mont Belvieu non-LST and the Houston Ship Channel daily natural gas price.

### E/P Mix Midcontinent to Rockies Fractionation Spread

The E/P Mix Midcontinent to Rockies Fractionation Spread is the price differential between prompt ethane/propane mix at

Conway, Kansas, and the CIG, Rocky Mountains daily gas price.

### E/P Mix Midcontinent Fractionation Spread

The E/P Mix Midcontinent Fractionation Spread is the price differential between prompt ethane/propane mix at Conway, Kansas, and Natural Gas Pipeline Co. of America, Midcontinent.

### National Raw NGL Basket Price

The National Raw NGL Basket Price comprises Mont Belvieu non-LST prices for purity ethane, propane, normal butane, isobutene and natural gasoline that are weighted by the general composition of a typical NGL barrel. The composition weighting currently applied to the National Raw NGL Basket Price is Ethane 42%, Propane 28%, Butane 7%, Isobutane 9% and Natural Gasoline 14%. Platts has derived this calculation basis through a broad market survey, and applies each of the weightings to Platts US LPG price assessments at Mont Belvieu. Platts will regularly update these proportions of purity productions within raw NGL as production profiles may change over time.

### National Composite Fractionation Spread

The National Composite Fractionation Spread is the price differential between the National Raw NGL Basket Price and the Houston Ship Channel daily gas price.

### Natural gas and natural gas liquids methodology

The methodologies for the daily gas prices used in the Shale Value Chain calculations are based off the daily indices for Houston Ship Channel, CIG, Rocky Mountains, and NGPL, Midcontinent.

For details on natural gas liquids methodologies, see the Americas Refined Oil Products methodology guide.

## SHALE VALUE CHAIN CODES

Assessment	Code	Currency	UOM
Gulf Coast Ethane Fractionation Spread	SCAAD00	US Dollars	MMBtu
Gulf Coast Ethane Fractionation Spread	SCAAJ00	US Cents	Gallon
Gulf Coast E/P Mix Fractionation Spread	SCAA000	US Dollars	MMBtu
Gulf Coast E/P Mix Fractionation Spread	SCAAG00	US Cents	Gallon
E/P Mix Midcontinent To Rockies Fractionation Spread	SCAAB00	US Dollars	MMBtu
E/P Mix Midcontinent To Rockies Fractionation Spread	SCAAH00	US Cents	Gallon
E/P Mix Midcontinent Fractionation Spread	SCAAC00	US Dollars	MMBtu
E/P Mix Midcontinent Fractionation Spread	SCAAI00	US Cents	Gallon
National Raw NGL Basket Price	SCAAF00	US Dollars	MMBtu
National Raw NGL Basket Price	SCAAL00	US Cents	Gallon
National Composite Fractionation Spread	SCAAE00	US Dollars	MMBtu
National Composite Fractionation Spread	SCAAK00	US Cents	Gallon

### Conversion Factor (¢/gal to \$/MMBtu)

#### NGL Assessments

Ethane M.B.	6.65
Propane M.B.	9.15
Butane M.B.	10.293
Natural Gasoline M.B.	9.8935
Isobutane M.B.	11.01
E/P Mix M.B.	6.65
E/P Mix Conway	6.65

### Conversion Factor (\$/MMBtu to ¢/gal)

#### Natural Gas Assessments

Houston Ship Channel	6.65
CIG Rockies	6.65
NGPL Midcon	6.65

#### National Raw NGL Basket Weighting

Percent Ethane	0.42
Percent Propane	0.28
Percent Butane	0.07
Percent Isobutane	0.09
Percent Natural Gasoline	0.14

## REVISION HISTORY

**May 2019:** Platts revised several symbols in the daily and monthly markets to correct errors. Tennessee Zone 1 daily absolute range flow date symbol was revised to IGBHI22, while the Preliminary Cumulative Basis Deal Count symbols for all locations in the Rockies/Northwest and Southwest regions were corrected.

**April 2019:** Platts added language to Part I, spelling out Canadian locations outside of FERC jurisdiction, as well as the inclusion of basis deals in the Florida city-gates daily index. In addition, Part VII was revised to include an asterisk identifying Canadian locations, and corresponding footnote, in addition to further details on basis deals in Florida city-gates. Symbols were included for ICE El Paso, Anadarko daily index.

**January 2019:** Platts added daily and monthly indices for the following Platts Location, El Paso, West Texas. Platts added daily and monthly indices for the following ICE location, ICE Banquete Hub. Due to a listing issue Platts added daily indices and symbols for the following ICE locations, ICE NGPL, Amarillo Pooling PIN and ICE NGPL, Amarillo Storage PIN and removed ICE NGPL, Iowa-Illinois Pooling PIN and ICE NGPL, Iowa-Illinois Storage PIN.

**November 2018:** Platts added daily and monthly indices for the following Platts Locations, Tennessee, zone 6, delivered North, and Tennessee, zone 6, delivered South. Platts added daily and monthly indices for the following ICE locations, ICE Iroquois, zone 1 (delivered excl. Waddington) and ICE Tennessee, zone 5, 200 Line, dlvd downstream of station 245, as well as monthly basis symbols for Platts locations in Rockies and Southwest. Platts discontinued daily and monthly indices for the following ICE locations, ICE TGP-Z6 200L, North and ICE TGP-Z6, 200L South.

**October 2018:** Platts added daily indices for the following Platts locations, Tennessee, zone 5 (200 leg) and Iroquois, zone 1. Platts discontinued daily and monthly indices for the following ICE

locations, ICE Iroquois, zone 1 (delivered excl. Waddington and ICE Tennessee, zone 5, 200 Line, delivered downstream of station 245. Platts added daily and monthly indices for the following ICE locations, ICE Tennessee, Zone 6, 200L, North and ICE Tennessee, Zone 6 200L, South.

**September 2018:** Platts discontinued daily and monthly indices for the following Platts locations Rex Clarington, Ohio and Tennessee Zone-4 Ohio . Platts also removed daily and monthly indices for the following ICE locations, ICE NGPL Iowa-Illinois Pooling PIN and ICE NGPL Iowa-Illinois Storage PIN, and added daily and monthly indices for the following ICE locations, ICE NGPL, Iowa-Illinois GC Pool, ICE NGPL, Iowa-Illinois AM Pool, ICE NGPL, Iowa-Illinois GC Storage, ICE NGPL, Iowa-Illinois AM Storage, ICE Rover, receipts, ICE REX, zone 3 receipts, ICE ENT, STX Map, ICE Agua Blanca Pool

**August 2018:** Platts added Shale Value Chain methodology to the North American Natural Gas methodology guide and retired the separate Shale Value Chain methodology guide.

**June 2018:** Platts completed an annual update to the North American Natural Gas methodology guide. In this update, Platts reviewed all content and made minor edits throughout.

**June 2018:** Platts added daily and monthly indices for ICE Dominion Energy, Cove Point, on system delivery; ICE Rover, delivered into ANR; ICE Rover, delivered into Panhandle; and ICE Bennington, Oklahoma, (buyer's choice) locations, and discontinued daily and monthly indices for the following ICE locations, ICE Transco Cove Point Pleasant Valley Interconnect, and ICE Bennington Oklahoma

**June 2018:** Added Tennessee, Zone 1 as a daily market index in Louisiana/Southeast.

**May 2018:** Clarified methodology for NGPL, Texok zone.

**March 2018:** Clarified methodology for Agua Dulce, Tennessee, zone 0, and Waha locations.

**December 2017:** On December 1, Platts changed final monthly indices for Platts locations methodology to add non-Platts price reporter ICE trades. Corrected symbol for Platts location Rex, zone 3 delivered final daily indices by flow date absolute range symbol.

**November 2017:** Platts discontinued regional average preliminary fixed price monthly symbols on November 17. Only regional average final monthly index prices will be published.

**October 2017:** On trade date October 31, 2017, changed final daily indices for Platts locations methodology to add non-Platts price reporter ICE trades and editorial judgment to assess daily prices. Added daily and monthly indices for ICE Algonquin, Millennium-Ramapo receipts, ICE Algonquin, TGP-Mahwah receipts, and ICE ETC, Cleburne locations.

**September 2017:** Launched preliminary monthly indices for Platts and ICE locations on September 25, 2017 and final monthly indices for ICE locations on October 1, 2017.

**August 2017:** Platts amended text throughout to reflect implementation of Platts ICE natural gas agreement. Launched preliminary daily indices for Platts locations and final daily indices for ICE locations on August 31, 2017.

**June 2017:** Platts completed an annual update to the North American Natural Gas methodology guide. In this update, Platts reviewed all content and made minor edits throughout.

**January 2017:** Added ICE physical bids and offers to market information used to assess monthly indices

**August 2016:** Platts completed an annual update to the North American Natural Gas methodology guide in August 2016. In this update, Platts reviewed all content. In this edition, Platts made minor edits throughout.

**June 2016:** Added Transco, zone 5 delivered North (daily market only) and Transco, zone 5 delivered South (daily and monthly markets) sublistings. Discontinued use of backup Yahoo mailboxes and replaced them with gasprice\_daily2@spglobal.com and gasprice\_monthly2@spglobal.com.

**April 2016:** Extended reportable transaction time cutoff to 1 pm Central from 11:30 am, effective April 1, 2016. Added detail on calculations of regional and national average prices.

**January 2016:** Added regional average symbols for the 8 regions.

**December 2015:** Reorganized locations by 8 separate regions.

**October 2015:** Added Chicago-Nicor, Chicago-NIPSCO, Chicago-Peoples, and REX, Zone 3 delivered to daily and monthly markets.

**August 2015:** Added Tennessee, Zone 4-313 Pool and Transco, Zone 6 non-NY South locations to daily and monthly markets. Also edited Part I, Part II, and Part III at beginning of document.

**June 2015:** Section on common and absolute ranges changed to show ranges are carried out to a third decimal place and rounded to the nearest half-cent.

**April 2015:** Clarification of descriptions at Algonquin, city-gates; Dominion, North Point; Dominion, South Point; Texas Eastern, M-3; and Chicago city-gates.

**February 2015:** Clarification of Corrections and Security and Confidentiality sections.

**January 2015:** Added “monthly market” to Transco Zone 5 delivered point description.

**December 2014:** Added Transco Zone 5 delivered to monthly market. Added Transco Zone 6 non-NY North and Columbia Gas,

Appalachia (Non-IPP) to the daily and monthly markets. The monthly market additions are effective December 2014 trading for January 2015 delivery. The daily market additions are effective trade date January 2, 2015 for delivery on January 3 – 5.

**November 2014:** Clarified description for Columbia Gas, Appalachia (daily and monthly market), confirming it reflects deliveries in Columbia Gas Transmission’s Interruptible Paper Pool (IPP pool) from any source on Columbia Gas. Deliveries in the IPP pool, which is also known as the “TCO Pool” can originate from any source delivered into Columbia Gas’ system.

**October 2014:** Updates description for Columbia Gas, Appalachia (daily market only) confirming it reflects deliveries into Columbia Gas Transmission’s Interruptible Paper Pool (IPP pool) from any source on Columbia Gas. Deliveries into the IPP pool are transported using Columbia Gas Transmission’s IPP Rate schedule and can originate from any source delivered into Columbia Gas’ system, including unrestricted aggregation points under the pipeline’s AS rate schedule.

**May 2014:** Discontinued Questar Gas Co. pricing location for monthly bidweek market only.

**April 2014:** Correction of description for Tennessee, La., 500 leg.

**April 2014:** Modification of description for Tennessee, zone 6 delivered, confining it to the deliveries off the 200 leg. Addition of Tennessee, zone 6 (300 leg) pricing location to the daily market.

**January 2014:** Platts revamped this Methodology and Specifications Guide effective January 2014. This revamp was completed to enhance the clarity and usefulness of the guide and to introduce greater consistency of layout and structure across Platts published methodology guides. Methodologies for market coverage were not changed in this version. Platts symbols for all pricing locations were added in Part VII and the order of pricing location listings was revised to group them by six geographical regions.

**November 2013:** Added WestCoast Energy, station 2, to monthly bidweek market effective bidweek trading November 2013 for December 2013 delivery. Changed name of CenterPoint Energy Gas Transmission to Enable Gas Transmission. (In the daily price tables, the CenterPoint, East” listing was changed to “Enable Gas, East,” effective trade date November 25, 2013, and in the monthly bidweek tables “CenterPoint Energy Gas Transmission Co., East” was changed to “Enable Gas Transmission, LLC., East” effective bidweek trading November 2013 for delivery December 2013.)

**July 2013:** Clarification of methodology for Western Canadian daily price indices Westcoast, station 2, and NW, Can. Bdr. (Sumas) for Canadian holidays that fall on Mondays.

**April 2013:** Additions of Transcontinental Gas Pipe Line, Leidy Line receipts and Tennessee Gas Pipeline, Zone 4–200 leg pricing locations to the daily and monthly bidweek markets.

**January 2013:** Modification of description for Niagara pricing location to reflect US exports to Canada as well as US imports from Canada.

**October 2012:** Additions of Texas Eastern M-2, receipts and Millennium Pipeline, East receipts to the daily and monthly bidweek markets.

**January 2012:** (second update in January 2012): Addition of Tennessee, zone 4-300 leg to the daily market and the monthly bidweek market.

**January 2012:** Discontinuation of three pricing locations: Natural Gas Pipeline Co. of America, Louisiana, in the daily and monthly bidweek markets; Stingray Pool in the daily market; and Stanfield, Ore., in the monthly bidweek market only. (The Stanfield, Ore., location continues in the daily market.) The changes became effective January 1, 2012. Additionally, language was added to the PG&E, Malin location description to make explicit that the location includes deliveries from Gas Transmission Northwest and Ruby Pipeline.