



**NYSE<sup>®</sup> Pickens Core Midstream<sup>™</sup> Index  
(NYPYPE)**

Version 1.0  
Valid from  
July 02, 2018

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## Version History:

### Version 1.0 (Effective July 02, 2018)

The methodology document covers the newly-launched NYSE® Pickens Core Midstream™ Index (NYPYPE).

## 1. Index summary

<b>Factsheet</b>	
<b>Full Names</b>	NYSE® Pickens Core Midstream™ Index
<b>Index Types</b>	Price Return (USD): NYPYPE Gross Total Return (USD): NYPYPET
<b>Index Description</b>	The NYSE® Pickens Core Midstream™ Index is a modified free-float market capitalization weighted Index designed to objectively identify and select stocks and Master Limited Partnerships (MLPs) which best represent the pure U.S. midstream energy space agnostic of entity structure. Index compositions and corporate actions, including rebalance information, can be accessed from NYSE Market Data at <a href="https://www.theice.com/market-data/indices/equity-indices/products">https://www.theice.com/market-data/indices/equity-indices/products</a>
<b>Eligible Stocks</b>	U.S domiciled Common stocks and MLPs listed on a major U.S. exchange (NYSE, NASDAQ, NYSE American)
<b>Number of Constituents</b>	Target and Maximum of 30 constituents
<b>Weighting</b>	Modified Free-Float Market Capitalization
<b>Review of Composition</b>	Announced quarterly on the second Friday of March, June, September and December. If the second Friday is a holiday, it will occur on the preceding business day.
<b>Effective Date of the Rebalance</b>	Effective quarterly after the close of trading on the third Friday of March, June, September, and December. If the effective date of the rebalance is a holiday, it will occur on the preceding business day.
<b>Calculation Frequency</b>	Price Return (USD): Every 15 seconds between 09:30 & 18:00 ET Gross Total Return (USD): Every 15 seconds between 09:30 & 18:00 ET
<b>Base Date</b>	March 20, 2008
<b>Base Level</b>	1000.00
<b>Historic Data Available Since</b>	March 20, 2008
<b>Bloomberg Code</b>	NYPYPE <INDEX> / NYPYPET <INDEX>
<b>Reuters Code</b>	.NYPYPE / .NYPYPET
<b>Launch Date</b>	July 02, 2018

***Website***

<https://www.theice.com/market-data/indices>

## 2. Governance

### Index Sponsor & Administrator

ICE Data Indices, LLC (“IDI”) is the Index Sponsor and the Index Administrator.

The NYSE® Pickens Core Midstream™ Index is calculated and maintained by IDI based on a methodology developed by TriLine Index Solutions, LLC an affiliate of BP Capital Fund Advisors. The methodology leverages FactSet RBICS (Revere Business Industry Classification System) industry classifications, which are utilized under license.

IDI is responsible for the day-to-day management of the Index, including retaining primary responsibility for all aspects of the Index determination process, including implementing appropriate governance and oversight, as required under the International Organization of Securities Commission’s Principles for Financial Benchmarks (the IOSCO Principles). The Governance Committee is responsible for helping to ensure IDI’s overall compliance with the IOSCO Principles, by performing the Oversight Function which includes overseeing the Index development, design, issuance and operation of the indices, as well as reviewing the control framework. IDI is also responsible for decisions regarding the interpretation of these rules and the Governance Committee is responsible for reviewing all rule book modifications and Index constituent changes with respect to the Index to ensure that they are made objectively, without bias, and in accordance with applicable law and regulation and IDI’s policies and procedures. Consequently, all IDI’s and the Governance Committee discussions and decisions are confidential until released to the public.

### Cases not covered in rules

In cases which are not expressly covered in these rules, operational adjustments will take place along the lines of the aim of the Index. Operational adjustments may also take place if, in the opinion of the Index Administrator, it is desirable to do so to maintain a fair and orderly market in derivatives on this Index and/or this is in the best interests of the investors in products based on the Index and/or the proper functioning of the markets.

Any such modifications described under this section or exercise of Expert Judgment will also be governed by any applicable policies, procedures and Guidelines in place by IDI at such time.

### Rule book changes

The Governance Committee reviews all rule book modifications and Index changes to ensure that they are made objectively, without bias and in accordance with applicable law and regulation and IDI’s policies and procedures. These rules may be supplemented, amended in whole or in part, revised or withdrawn at any time in accordance with applicable law and regulation and IDI applicable policies and procedures. Supplements, amendments, revisions and withdrawals may also lead to changes in the way the Index is compiled or calculated or affect the Index in another way.

## Limitations of the Index

All the NYSE indices produced by IDI (“the NYSE Indices”) may be subject to potential limitations, such as a decline in the pool of available eligible securities due to advancements in technology, shifts in demographic spending or the economy, changes in regulation or accounting rules, consolidation in certain sectors or industries, or other factors. This can affect the ability of the Administrator to maintain the required minimum number of constituents for this index. Other limitations may include the ability of the benchmark to operate in illiquid or fragmented markets.

By design, the Index is focused on companies including corporations and Master Limited Partnerships (MLPs) that are predominantly comprised of midstream assets as defined later herein. As the underlying markets transform due to consolidation and technology transformation, the companies included in the Index will adjust and change accordingly.

IDI seeks to manage and mitigate these limitations through the benchmark design, review and oversight process.

### **3. Index Description**

The NYSE® Pickens Core Midstream™ Index is a modified free-float market capitalization weighted Index designed to objectively identify and select common stocks of corporations and units of MLPs which best represent U.S. midstream energy fundamentals, agnostic of entity structure.

The methodology was designed with the intent of reflecting midstream energy operating fundamentals, agnostic of each company's legal structure. The Index addresses the trend of midstream companies shifting to C-corporations away from the MLP structure, leading to those companies being excluded completely from various existing benchmarks.

The Index selects constituents that reflect pure (core) midstream energy exposure, with the aim of getting as close as possible to the underlying assets and operating results, and limiting the potential effect of financial engineering via General Partners' (GPs) Incentive Distribution Rights (IDRs).

"Core Midstream" specifically refers to the following company activities: Gathering & Processing, Liquefaction, Pipeline Transportation, Rail Terminaling, and Storage.

## **4. Publication**

### **4.1 The opening, intraday and closing or daily publication of Index values.**

#### **Opening**

The first Index level is calculated and published around 09:30 ET, when the U.S. equity markets open for their regular trading session. The calculation of that level utilizes the most updated prices available at that moment. In the case of constituents that have a non-traded, halted or suspended status, or have not opened for the current day, the previous day's reference prices (primary exchange official closes) or estimated prices (for IPOs, buyouts and swap offers) are used.

#### **Dissemination frequency**

The level of the price return and gross total return Indices are in principle published every 15 seconds to the ICE Data Global Index Feed (ICE Data GIF). The calculated Index levels incorporate the latest traded price of each constituent from within the regular trading session, normally 09:30 to 16:00 ET. The Index only holds equities listed and traded in the U.S., and thus, intraday calculations of the Index would incorporate trades on a consolidated level, from all exchanges including those not designated as the official primary exchange.

The Indices are calculated on those days specified as Index business days. Index business days will be classified as days on which the U.S. Equity Markets (NYSE, NASDAQ and NYSE American) are open for a full or partial day of trading.

#### **Closing level**

The closing level is the last level disseminated on the trading day and uses the official close prices from the primary listing market for each constituent. For constituents that have non-traded, halted or suspended status, or have not opened for the current day, the previous day's reference prices (primary exchange official closes) or estimated prices (for IPOs, buyouts and swap offers) are used instead. In the case of exceptional market conditions, the Index Administrator reserves the right to utilize other prices in the calculation of the official closing level, as indicated below in Section 4.2.

#### **Sources of Data**

The Consolidated Tape (CTS/UDTF) is the primary market data source for U.S. equity real-time and closing prices. Additional sources of data less commonly used include market data vendors, company announcements, exchange announcements and other official sources.



## 4.2 Exceptional market conditions and corrections

The Index Administrator retains the right to delay the publication of the opening level of the Index. Furthermore, the Index Administrator retains the right to suspend the publication of the level of the Index if it believes that circumstances prevent the proper calculation of the Index.

If Index constituent prices are cancelled, the Index will not be recalculated unless the Index Administrator decides otherwise.

Reasonable efforts are made to ensure the correctness and validity of data used in real-time Index calculations. If incorrect price or corporate action data affects Index daily closing values, they are corrected retroactively as soon as possible and all revisions are communicated out to the public and market data vendors.

There is the possibility of an exchange or market-wide event resulting in the normal closing auction not going off or official closing prices not being available. In those situations, the Index will take guidance from the respective exchange(s) and address on an event-by-event basis. Exchange or market-wide events include, but are not limited to, the following:

- Volatility Halts
  - LULD (Limit Up / Limit Down)
  - Market Wide Circuit Breaker
- Technological Problems / Failures
- Natural Disaster or Other BCP-Related Event

## 4.3 Changes to the Index

### **Announcement policy**

Changes to the Index methodology will be announced by an Index announcement which will be distributed by IDI via <https://www.theice.com/market-data/indices/equity-indices> and NYSE Market Data at <https://www.theice.com/market-data/indices/equity-indices/products>.

As a general rule, the announcement periods that are mentioned below will be applied. However, Emergency actions, including urgently required corporate action treatments, often resulting from late notices from the relevant company or exchange, may require the Index Administrator to deviate from the standard timing.

### **Inclusion of new constituents**

The inclusion of new companies in the Index will typically only occur during the quarterly rebalances, although there could be exceptions based on a specific corporate action affecting a current constituent. The inclusion of the new company will be announced at least one week prior to the effective date of the actual inclusion. For example, for the rebalance effective for September 24, 2018, the announcement would occur after the close on September 14, 2018.

## **Removal of Constituents**

Components would be removed from the Index as a result of periodic corporate actions as well as the results of the quarterly rebalances. All removals will be announced at least one week before the effective date of the removal. It should be noted that in the case of mergers and acquisitions, every effort will be made to remove the company at some reasonable time ahead of the suspension in trading in the acquired company. There will be certain situations and corporate actions that would require the removal of a company that has already ceased trading. In those cases, the company will be removed from the Index at its last traded price, or, at the discretion of the Index Administrator, at a derived price that most accurately represents its post-suspension value.

## **Corporate actions**

In case of an event that could affect one or more constituents, the Index Administrator will inform the market about the intended treatment of the event in the Index shortly after the firm details have become available and have been confirmed. When possible, the corporate action will be announced, even if not all information is known, at least one trading day before the effective date of the action. Once the corporate action has been effectuated, the Index Administrator will confirm the changes in a separate announcement.

## **Rule changes**

Going forward, barring exceptional circumstances, the Index Administrator shall announce proposed Rules changes to stakeholders prior to them being implemented. Stakeholders shall also be notified of when the changes shall take effect.

## **Index Reviews**

IDI shall undertake regular reviews of the Index, the methodology and the market which it represents to ensure it continues to meet the Index objective, in accordance with IDI's policies and procedures. Should changes to the Index be required or proposed, this will be communicated to stakeholders in accordance with IDI's policies and procedures.

## **Consultations**

IDI may from time to time consult with stakeholders on proposed material changes that affect the Index in accordance with IDI's policies and procedures including IDI's consultation policy: [https://www.theice.com/publicdocs/Consultation\\_Policy.pdf](https://www.theice.com/publicdocs/Consultation_Policy.pdf). Such proposals shall be published to Stakeholders and all feedback received will be considered by the Index Administrator. Any resulting changes to the Index will be announced prior to it being implemented.

### **Reconstitution/Rebalance: Publication of Results**

The new composition of the Index, including the companies to be a part of the Index and their corresponding new Index shares, can be accessed from NYSE Market Data at <https://www.theice.com/market-data/indices/equity-indices/products>.

## **5. Calculation**

### **5.1 Calculation of the Index**

The Index is calculated on a Price Return and Gross Total Return basis. The current Index level would be calculated by dividing the current modified Index market capitalization by the Index divisor. The divisor was determined off of the initial capitalization base of the Index and the base level. The divisor is updated as a result of corporate actions and composition changes.

A full description of the formulae used to calculate Index values can be found in the “NYSE Indices- Guide to Index Mathematics” at <https://www.theice.com/market-data/indices/equity-indices/methodologies>

## **6. Index rebalances**

### **6.1 General aim of rebalances and frequency**

#### **General aim of the periodical reconstitution and rebalance**

The general aim of the quarterly rebalance of the Index is to ensure that the selection and weightings of the constituents continues to reflect as closely as possible the Index's objective of identifying and selecting stocks and MLPs which best represent the U.S. midstream energy space. The Index Administrator reserves the right to, at any time, change the number of stocks comprising the Index by adding or deleting one or more stocks, or replacing one or more stocks contained in the Index with one or more substitute stocks of its choice, if in the Index Administrator's discretion such addition, deletion or substitution is necessary or appropriate to maintain the quality and/or character of the Index. Such Index constituent changes are reviewed by the Governance Committee to ensure that they are made objectively, without bias and in accordance with applicable law and regulation and IDI's policies and procedures.

#### **Frequency**

Changes to the Index constituents may occur during a scheduled rebalance and as a result of the removal of an Index constituent.

The NYSE® Pickens Core Midstream™ Index rebalances become effective after the close of the third Friday of March, June, September, and December. The rebalance announcement will be made after the close of the second Friday of the month (one week prior). The reference date for all company-specific data and information utilized in the rebalancing process will be taken from that same day.

## 6.2 Index Universe and selection principle

### Index Universe

Development and maintenance of the component Universe for the NYSE® Pickens Core Midstream™ Index is undertaken by IDI. The Index Universe will consist of U.S. companies including corporations and Master Limited Partnerships (MLPs) whose operating income from midstream energy activities is greater than 50% and are listed on a major U.S. stock exchange like NYSE, NASDAQ, or NYSE American. ADRs and Institutional units (I-units) which pay-in-kind (PIK) are not eligible for inclusion in the Index. This determination is completed using publicly available information on individual security issuers as well as the industry classification from FactSet RBICS (Revere Business Industry Classification System). Also instrumental in this determination is IDI employees' expertise concerning Index design and development and their knowledge surrounding Index use and stakeholder feedback. IDI may change the composition of the Universe at any time to reflect the conditions of the underlying broad U.S. stock and midstream energy market, and to ensure that the pool of component securities continues to represent that market, in accordance with the Index requirements.

### Selection of constituents

At each quarterly rebalance, the Index Universe will be screened utilizing a proprietary methodology. The following steps will be executed:

1. Utilizing FactSet RBICS, all companies including corporations and MLPs classified under the Level 2 classification of "Downstream and Midstream Energy" are extracted. FactSet RBICS screens companies on the basis of having a 50% or more revenue exposure to this classification.
2. The universe is further refined utilizing the methodology developed by TriLine Index Solutions with the following steps.
  - a. "Core Midstream" companies are identified by screening the companies for exposure to the following company activities: Gathering & Processing, Liquefaction, Pipeline Transportation, Rail Terminaling, and Storage.
  - b. Refiners are excluded as they are more representative of the downstream element of the energy value chain, not midstream.
  - c. Refining logistics are included as they are more representative of midstream activities.
  - d. Retail propane marketing is excluded due to that business activity being classified as a downstream activity.
  - e. Compression is excluded due to that business activity being classified as an upstream activity.
3. Any company labeled by FactSet RBICS as "Downstream Energy" under the Level 3 classification is excluded, with the exception of those companies that classify under Core Midstream under Step 2.

4. The following steps are taken to further refine the universe of companies:
  - a. All companies not domiciled in the United States are excluded.
  - b. All companies domiciled in the United States but have an ex-U.S. revenue exposure are excluded.
  - c. Utility companies, as classified by FactSet, are excluded from the universe.
5. For situations where an MLP and its controlling Parent (sponsor)/ General Partner (GP) are present in the resulting universe, whether the latter is structured as a C-Corp or MLP, the Parent / GP is excluded and the MLP is included. This information is derived from publicly available company filings and financial reports. This action is taken because the cash flows are derived from assets likely owned and operated by the MLP. If the MLP is acquired by the Parent / GP, then upon closing the Parent / GP will be included in the index to continue representation of pure (core) midstream assets.
6. The constituents are then further screened with the following criteria:
  - a. Current free-float market capitalization greater than \$500M USD
  - b. Trailing six-month average daily traded value or turnover greater than \$2M USD (per day).
  - c. Current dividend yield for the constituent is greater than or equal to the dividend yield of the SPDR® S&P 500® ETF Trust (SPY).
7. The remaining constituents are ranked in order of their free-float market capitalization. The top 30 constituents are selected for inclusion in the index. If there are less than 30 constituents meeting the screening criteria, all of the constituents are included in the index.
8. The 30 constituents in the index (or number of constituents that qualify) are weighted on the basis of their free-float market capitalization.
9. The weightings of all of the constituents are modified to cap the maximum weighting at 7.5%. Any excess weight is redistributed to the remaining constituents proportionally.

## **6.3 Periodical update of weighting**

### **Determining constituent weightings at Index Rebalances & Reconstitutions**

Every quarter after the close of trading on the third Friday of March, June, September, and December, the Index portfolio is adjusted by selecting and weighting the constituents based upon the steps outlined in Section 6.2 and based upon prices and Index market capitalization as of the close of trading one week prior.

The newly adjusted portfolio becomes the basis for the Index's value effective on the first trading day following the quarterly adjustments. If necessary, a divisor adjustment is made to ensure continuity of the Index's value.



## **7. Corporate Actions**

### **7.1 General**

The Index may be adjusted in order to maintain the continuity of the Index level and the composition. The underlying aim is that the Index continues to reflect as closely as possible the Index's objective of identifying and selecting stocks and MLPs which best reflect midstream energy exposure agnostic of entity structure.

Adjustments take place in reaction to events that occur with constituents in order to mitigate or eliminate the effect of that event on the Index performance.

A full description of standard corporate action events and their handling can be found in the "NYSE Indices - Corporate Action Handling Guide" at <https://www.theice.com/market-data/indices/equity-indices/methodologies>.

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