



April 4, 2025

VIA CFTC DCO PORTAL

Christopher J. Kirkpatrick
Office of the Secretariat
Commodity Futures Trading Commission
Three Lafayette Centre
1155 21st St., N.W.
Washington, D.C. 20581

Re: Amendment to ICE NGX Canada Inc. Rules - Submission Pursuant to Section 5c(c)(1) of the Commodity Exchange Act and CFTC Regulation § 40.6(a): CPA Amendments - Omnibus

Dear Mr. Kirkpatrick:

Pursuant to Section 5c(c)(1) of the Commodity Exchange Act, as amended, ("Act") and Commodity Futures Trading Commission ("Commission") Regulation 40.6(a), ICE NGX Canada Inc. ("ICE NGX") is submitting this self-certification to make amendments to the ICE NGX Contracting Party Agreement ("CPA") (the "Amendments") - the CPA functions as the rulebook for ICE NGX's exchange and clearinghouse operations and is a "rule" as that term is defined under Commission Regulation 40.1(i).

1. Overview

ICE NGX is amending the CPA to

- strengthen the legal arrangements in respect of ICE NGX Data Products;
- codify communications expectations relating to discrepancies in collateral values;
- codify ICE NGX's existing practice to require that margin calls relating from the application of Stress Loss Charge be met within the same Business Day;
- change the minimum block transaction size for Physically Settled Gas Products;
- make certain clarifying amendments, including relating to:
 - netting across Contracting Party Affiliates;
 - the requirement for Contracting Parties to provide collateral upon request; and
 - Contracting Parties attorning to the Commission's jurisdiction and providing its books and records to the Commission, in relation to ICE NGX's activities as a Foreign Board of Trade ("FBOT"); and



- make certain other non-substantive amendments.

ICE NGX intends to implement the Amendments on May 1, 2025 or on such later date as ICE NGX may designate.

The text of the amended CPA provisions is attached as the Appendix to this letter.

Note: Unless the context requires otherwise, all capitalized terms not otherwise defined herein have the meaning given to them in the CPA.

2. Details of Rule Changes

Strengthening Legal Arrangements in respect of ICE NGX Data Products

The Amendments strengthen the legal arrangements in respect of ICE NGX Data Products, consistent with the corresponding frameworks of ICE's affiliated data services providers, including by establishing:

- a framework for requiring a Contracting Party to submit a report to ICE NGX on use of the ICE NGX Data Products by the Contracting Party, including by its Representatives; and
- a right to audit a Contracting Party's use of the ICE NGX Data Products.

In addition, the Amendments make certain non-substantive changes to streamline and clarify certain provisions relating to ICE NGX Data Products, and to better align with other provisions of the CPA.

Collateral Balances

ICE NGX provides each Contracting Party with access to the external-facing portal of the ICE NGX Clearing System, where the Contracting Party is able to view, among other things, its trades, positions, margin requirements and collateral balances.

The Amendments require a Contracting Party to inform ICE NGX if its collateral balances shown in the ICE NGX Clearing System do not accord with the value expected by the Contracting Party. This change is designed to help more quickly identify any discrepancies from expected collateral balances.

Same-Day Margin Calls for Stress Loss Charge

The Amendments improve transparency for Contracting Parties by codifying, in the rulebook, ICE NGX's existing practice to require that margin calls resulting from the application of Stress Loss Charge to a Contracting Party's margin requirements be met within the same Business Day.

ICE NGX's Stress Loss Charge is designed to ensure that a Contracting Party's uncollateralized stress exposure does not exceed ICE NGX's guarantee fund, thereby protecting the clearinghouse and each other participant from a default by one Contracting Party.

Change to Minimum Block Size

Because the majority of ICE NGX's contracts are physically settled, from time to time participants need to trade "odd-lots" to balance or match against their title transfer nominations to the relevant

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pipeline operator. An “odd-lot” refers to a contract volume that does not follow a typical, round-number increment. To accommodate the needs of the physical gas market, the Amendments to Schedule D - Product List change the minimum block transaction size to 1 GJ or MMBtu, as applicable, for ICE NGX’s Physically Settled Gas Products. For clarification purposes, the Amendments to Schedule D also list the contract size for trading the respective product on-screen, as set out in the respective product specification, available on the ICE website at www.ice.com.

Housekeeping Changes

The Amendments make certain non-substantive changes, including to:

- clarify the agreement by the Contracting Party, including when the Contracting Party is a Contracting Party Affiliate, regarding netting across the Contracting Party and all of its Contracting Party Affiliates;
- clarify that a Contracting Party is required to provide collateral upon request by ICE NGX;
- more explicitly set out requirements on the Contracting Party relating to attorning to the jurisdiction of the Commission and providing its books and records to the Commission, in relation to activities conducted pursuant to ICE NGX’s registration with the Commission as an FBOT;
- update the choice of language provision; and
- harmonize language in certain provisions with corresponding language in other parts of the CPA.

3. Compliance with Core Principles

ICE NGX reviewed the Amendments and determined that they comply with the rules and regulations of the Commission. In this regard, ICE NGX reviewed the derivatives clearing organization (“DCO”) core principles (each a “Core Principle”) and determined that the Amendments are potentially relevant to the following Core Principles and applicable regulations of the Commission thereunder.

Compliance (Core Principle A): The Amendments are consistent with Core Principle A - Compliance and Commission Regulation § 39.10, as the Amendments update and clarify ICE NGX’s policies and procedures for complying with Commission regulations and internal policies.

Risk Management (Core Principle D): The Amendments are consistent with Core Principle D - Risk Management and Commission Regulations

- § 39.13(a) and (f) generally, as the Amendments clarify the requirement for Contracting Parties to provide collateral upon request;
- § 39.13(g)(9), as the Amendments codify, in the rulebook, the required time deadlines for margin calls relating to Stress Loss Charge; and

- § 39.13(f), as the Amendments codify ICE NGX's margin call practices relating to Stress Loss Charge, which is designed to protect against Contracting Parties, as aggregated by clearing accounts, building up risk exposure beyond ICE NGX's guarantee fund, thereby mitigating ICE NGX's exposure to potential losses from defaults by its clearing participants and mitigating non-defaulting clearing participants' exposure to losses they cannot anticipate or control.

Treatment of Funds (Core Principle F): The Amendments are consistent with Core Principle F - Treatment of Funds and Commission Regulations § 39.15(a) and (c) generally, as Amendments requiring a Contracting Party to inform ICE NGX of any discrepancies from expected collateral values are designed to more quickly identify discrepancies from expected collateral balances.

Public Information (Core Principle L): The Amendments are consistent with Core Principle L - Public Information and Commission Regulations

- § 39.21 generally, as the Amendments improve transparency for Contracting Parties in respect of margin calls resulting from the application of Stress Loss Charge;
- § 39.21(a), as the Amendments clarify the rulebook provisions relating to netting across Contracting Party Affiliates;
- § 39.21(a), as the Amendments clarify the requirement on Contracting Parties to provide collateral upon request by ICE NGX;
- § 39.21(a), as the Amendments clarify the rulebook provisions relating to Contracting Parties' required attornment to Commission jurisdiction and provisions of books and records to the Commission, both in relation to ICE NGX's FBOT activities;
- § 39.21(a) and (c) generally, as the Amendments update the terms and conditions relating to use of ICE NGX Data Products in ICE NGX's rulebook, which is publicly available on ICE NGX's website; and
- § 39.21(c)(6), as the Amendments generally update ICE NGX's rulebook, which is publicly available on ICE NGX's website.

Legal Risk Considerations (Core Principle R): The Amendments are consistent with Core Principle R - Legal Risk Considerations and Commission Regulation § 39.27(b) generally and § 39.27(b)(6) specifically, as the Amendments strengthen the legal framework relating to ICE NGX Data Products.

4. Certifications

ICE NGX certifies that the Amendments discussed in this submission comply with the Commodity Exchange Act, including the Core Principles and the Regulations of the Commission thereunder. ICE NGX is not aware of opposing views expressed regarding the Amendments. ICE NGX further



certifies that, concurrent with this filing, a copy of this submission was posted to ICE NGX's website.

Yours truly,

A handwritten signature in black ink, appearing to read 'G. Abbott', is written over a horizontal line.

By: Greg Abbott
Title: President & COO
Date: April 4, 2025



AMENDMENTS TO THE ICE NGX CONTRACTING PARTY AGREEMENT

TERMS AND CONDITIONS

[Note: Insertions are underlined, deletions are struck through.]

ARTICLE 1 – INTERPRETATION

...

1.2 Definitions

“Intellectual Property Rights” means all intellectual property rights (including, but not limited to, patents, copyrights, trade secrets, database rights, design rights, goodwill and trademark rights), whether registered or not, and including applications for registration thereof, rights in know-how and moral rights;

...

ARTICLE 8 – DATA, SYSTEMS AND USE RIGHTS; LIMITATION OF LIABILITY

PART 8A – DATA

8.1 Trade Data

- a. Trade Data - General – Subject to section 8.1.b., the Contracting Party acknowledges and agrees that Exchange owns all rights, title and interest, database rights and trade secret rights in and to all Trade Data and related information submitted in connection with trading on the Exchange. Exchange has the exclusive right to use, distribute, sub-license, disclose and sell anonymized Trade Data and derivative works in any manner, media and jurisdiction. The Contracting Party shall not redistribute Trade Data or derivative works based thereon unless licensed by the Exchange.
- b. Trade Data of the Contracting Party – A Contracting Party’s own Trade Data is the non-exclusive property of the Exchange or its affiliates and the Contracting Party, and each of Exchange and that Contracting Party has the right to use, sell, retransmit or redistribute such Trade Data in accordance with and subject to the provisions of this Agreement.

8.2 ICE NGX Data Products

- a. ICE NGX Data Products – ~~The Contracting Party acknowledges and agrees that as between the Contracting Party and the Exchange or its affiliates, the~~ The ICE NGX Data Products and any derivative works thereof (as may be modified from time to time), and all Intellectual Property rights therein and thereto, are and shall remain ~~be~~ the exclusive property of ~~the~~ Exchange or its affiliates, ~~as applicable to use as it deems fit~~, and, except as expressly set out in this Agreement, the Contracting Party shall have no rights to use such ICE NGX Data Products without the Exchange’s or its affiliates prior written consent.



- b. Grant of License to ICE NGX Data Products – Exchange grants to the Contracting Party a limited, revocable, non-transferable, non-sublicensable and non-exclusive license to use the ICE NGX Data Products for the sole purpose of and in accordance with this Agreement ~~and~~ including the usage rights and restrictions set out in this Section 8.2.
- c. Permitted Use of ICE NGX Data Products – The Contracting Party and its Authorized Users will access and use the ICE NGX Data Products exclusively for the Contracting Party’s own internal business activities.
- d. Restrictions on Use of ICE NGX Data Products –
 - (i) The Contracting Party will not permit any of its employees other than Authorized Users to access the ICE NGX Data Products without the express written consent of ICE Data, LLP or its successors or assigns.
 - (ii) The Contracting Party will not, and will not permit any of its employees to, do any of the following:
 - (A) copy, modify, reverse engineer, reverse assemble or reverse compile the ICE NGX Data Products or any part thereof;
 - (B) license, sublicense, transfer, sell, resell, retransmit, publish, reproduce and/or otherwise distribute or redistribute the ICE NGX Data Products, or any part thereof, in any manner (including, but not limited to, via or as part of any Internet site) to any third party or any person other than the Authorized Users;
 - (C) communicate (orally, in writing, electronically or otherwise), redistribute, or otherwise furnish, or permit to be communicated, redistributed or otherwise furnished, all or any portion of the ICE NGX Data Products, in any format, to any third party or any person other than the Authorized Users;
 - (D) use or co-mingle ICE NGX Data Products or permit ICE NGX Data Products to be used or co-mingled in constructing, creating or calculating the value of any other price reference or data, index or indexed products other than for internal business activities ~~purposes~~ only;
 - (E) archive ICE NGX Data Products, or create archival or derivative works based on the ICE NGX Data Products or any part thereof.
 - (iii) The Contracting Party will take all precautions that are reasonably necessary to prevent any unauthorized access, use, distribution or redistribution of the ICE NGX Data Products.
 - (iv) The Contracting Party will not use the ICE NGX Data Products, in whole or in part, in any manner that competes with Exchange or any of its affiliates including, without limitation, any distribution of the ICE NGX Data Products or derivative works based thereon.

~~e. IP Rights: ICE NGX Data Products – All Intellectual Property Rights in the ICE NGX Data Products and any derivative works thereof, are and shall remain the sole and exclusive property of Exchange or its affiliates, as applicable.~~

e. Data Access Reporting Requirement – Upon request by Exchange, the Contracting Party will provide, in a format acceptable to Exchange, Exchange with a statement or report, certified to be correct, regarding the Contracting Party’s use of the ICE NGX Data Products including distribution to and use by the Contracting Party’s Representatives.

f. Audit –

(i) The Contracting Party will, at all times during the term of this Agreement and for not less than twenty-four (24) months thereafter, maintain complete and accurate records (including applicable data in electronic format) with respect to payment of Subscription Fees including in respect of Authorized Users, and access to and usage of ICE NGX Data Products for the most recent thirty-six (36) months. During the term of this Agreement and for a twenty-four (24) month period thereafter, Exchange has the right, during normal business hours and upon reasonable notice to the Contracting Party, to

(A) audit and review relevant portions of those records; and

(B) audit the manner of access to and usage of such Service, in each case to confirm that fees and charges have been accurately determined and that restrictions on use and access have been observed.

Failure or omission by Exchange to conduct an audit pursuant to this section will not relieve the Contracting Party from its responsibilities to comply fully with the rights and restrictions relating to ICE NGX Data Products set out in this section

(ii) The Contracting Party agrees to permit Exchange or its representatives to periodically inspect, remotely or at Subscriber’s sites, and during reasonable hours and at reasonable intervals, the network on or by which any portion of the ICE NGX Data Products are accessed for purposes of evaluating compliance with the terms of this Agreement.

(iii) In the event of such an onsite audit undertaken by Exchange at the Contracting Party’s site, Exchange or its representatives shall liaise with the Contracting Party to outline an implementation plan to ensure the Contracting Party’s security protocols and mandatory and/or contractual data security obligations are met in relation to the right of inspection and audit. Notwithstanding the foregoing, Exchange may share the information obtained as part of the audit, with its affiliates and their representatives and agents. Exchange acknowledges that the Contracting Party can redact all personal information for purposes of any audit or inspection under this section.



(iv) The costs of any such audit and/or inspection shall be borne by Exchange; provided, however, if such audit and/or inspection reveal (i) an underpayment to Exchange of five percent (5%) or more and/or (ii) material variance in the access and/or use of the ICE NGX Data Products from the license grant as specified in this Agreement, the Contracting Party shall reimburse Exchange for its reasonable costs and expenses in conducting such audit and/or inspection.

8.3 Data: Limitation of Liability and Indemnity

- a. Warranty of Fitness: Data – The Contracting Party acknowledges, understands and accepts that each of Exchange and its affiliates make no ~~warranty warranties~~ whatsoever to ~~be the~~ Contracting Party or its affiliates, and that the Trade Data and ICE NGX Data Products are provided on an “as is” basis. Other than as expressly provided in this Article 8, Exchange hereby expressly disclaims any warranty, express or implied, in respect of all or any part of the Trade Data and ICE NGX Data Products, notwithstanding anything contained in this Agreement or any Schedule including, without limitation, any warranty in respect of merchantability or fitness for a particular purpose or use.
- b. Limitation of Liability: Data – Without limitation to any other provision in this Agreement, and except in cases instances where there has been a finding of wilful ~~or wanton~~ misconduct on the part of Exchange, neither Exchange, its affiliates or service providers, nor the agents, directors, officers, ~~and~~ employees and representatives of Exchange, its affiliates or service providers shall be liable to the Contracting Party, its affiliates or any other person for, and the Contracting Party shall assume, and shall release and waive Exchange from, any claims and all liability, loss or damage, costs or expenses arising or suffered ~~at any time and from time to time arising~~ from or in connection with any of the following, regardless of whether the claim or loss arises in contract, tort, negligence, strict liability or otherwise ~~however it may arise~~:
- (i) Trade Data; and
 - (ii) the ICE NGX Data Products.
- c. Time Limits – Any ~~reference in respect of any dispute in respect of a~~ claim for Exchange’s wilful ~~or wanton~~ misconduct in respect of the matters described in this Section must be referred to Mediation within 60 days of the Contracting Party becoming aware of such event and if not settled by Mediation must be referred to Arbitration within 30 days of conclusion of the Mediation. ~~in order for the~~ The Contracting Party ~~to will not~~ be entitled to bring any such claim against Exchange after such time periods have expired.
- d. Limit of Liability – To the maximum extent permitted by law, the aggregate liability of Exchange under any claim relating to Trade Data or the ICE NGX Data Products shall be limited to an aggregate amount of \$10,000 for a single claim and an aggregate amount of \$100,000 for all claims of Contracting Parties on a single day and where if all such claims cannot be satisfied for a single day because of the foregoing dollar limitation on recoveries, all such claims shall be limited to a pro rata share of the maximum per day amount.



- e. Indemnity by Contracting Party – The Contracting Party agrees to ~~protect,~~ defend, hold harmless and indemnify the Exchange and/or its affiliates and each of their respective directors, officers, affiliates, employees and agents from and against any claims, judgments, suits, actions and proceedings, and all losses, liabilities, ~~judgments, suits, actions, proceedings, claims,~~ damages, costs and expenses (including legal fees) for
- (i) ~~Any~~ any use of the ICE NGX Data Products by the Contracting Party;
 - (ii) ~~Any~~ any use of the Contracting Party's own Trade Data by the Contracting Party;
and
 - (iii) ~~Any~~ any use of the Trade Data by the Exchange or its affiliates.

ARTICLE 9 - MISCELLANEOUS

...

9.6 General

...

- g. Choice of Language – The Parties confirm that this Agreement (including the essential stipulations thereof) was negotiated or negotiable and represents the mutual agreement of the Parties. The Parties further confirm that it is their express wish that this Agreement and all documents related to this Agreement, and all communications exchanged between the Parties in the context of the execution of this Agreement, be in the English language only. Les parties confirment que cette entente (incluant les stipulations essentielles) a été négocié ou pouvait l'être et qu'elle est conclue de gré à gré. Les parties confirment également que c'est leur volonté expresse que cette entente, de même que toute documentation s'y rattachant et toute communication entre les parties dans le cadre de l'exécution de celle-ci soit exclusivement en langue anglaise. ~~The Parties have required that this Agreement and all contracts, documents or notices relating thereto be in the English language; les parties ont exigé que cette convention et tout contrat, document ou avis afférent soient en langue anglaise.~~



AMENDMENTS TO THE ICE NGX CONTRACTING PARTY AGREEMENT

TERMS AND CONDITIONS

[Note: Insertions are underlined, deletions are struck through.]

ARTICLE 3 - GENERAL OBLIGATIONS

3.2 Obligations of the Contracting Party

...

- b. Designated Persons – The Contracting Party hereby agrees to (i) designate a person as Administrator (and an alternate person if desirable) by notice in writing by email to Exchange from time to time, who will be authorized to and will inform Exchange (and, if the Contracting Party has, or intends to have access to the ICE Trading Platform, ICE) as to which individuals (“Authorized Representatives”) ~~shall~~ are entitled to have access to the ICE NGX Trading System and/or ICE NGX Clearing System (the “access notices”), including (without limitation) for the purpose of entering into Transactions on behalf of the Contracting Party (thus binding the contracting Party to Obligations);; and ~~hereby agrees~~ (ii) that Exchange will be entitled to rely without further inquiry on such access notices provided, whether such access notices are delivered directly to Exchange or indirectly through ICE, including (without limitation) with respect to Off-Exchange Transactions submitted to Exchange pursuant to Article 2 by Authorized Representatives or their ~~Off-Exchange~~ Broker Representatives, if applicable. The Contracting Party hereby accepts all responsibility for all actions of, or liabilities and Obligations incurred under this Agreement by Authorized Representatives, and by all Broker Representatives when acting in respect of the Contracting Party and ~~indemnifies~~ will indemnify, defend and hold harmless Exchange for any Proceedings that may be commenced against Exchange by Authorized Representatives. In the event that the Administrator wishes to cancel the user-id of any person having access to the ICE NGX Trading System and ICE NGX Clearing System, the Administrator will instruct Exchange (and, if the Contracting Party has access to the ICE Trading Platform, ICE) as to any such cancellation in writing. Exchange shall have no obligation to inquire about or confirm the authorization of Broker Representatives by Authorized Representatives under any circumstances.

...

3.3 Eligible Collateral Support and Collateral

- g. Interest on Cash Collateral – Exchange will provide the Contracting Party with direct viewing access to its Cash Collateral Account, failing which, and upon request by the Contracting Party, Exchange will account monthly to the Contracting Party for all daily interest earned in a Cash Collateral Account. ~~ICE NGX Exchange~~ will, on a monthly basis, credit to the Cash Collateral Account, interest earned on each day on the amount of the balance in the Cash Collateral Account as of the end of that day at an interest rate as notified by ~~ICE NGX Exchange~~ from time to time (“Contracting Party Interest”). The Contracting Party acknowledges and agrees that Exchange’s records are the final and

binding records of daily balances in a Cash Collateral account for the purpose of calculating Contracting Party Interest. Contracting Party Interest credited to the Cash Collateral Account becomes Cash Collateral as of the time it is deposited in the Cash Collateral Account by Exchange.

h. Collateral Balances –

(i) Exchange will provide the Contracting Party with direct viewing access to Exchange's records in respect of the Contracting Party's Collateral, via access to the ICE NGX Clearing System in accordance with this Agreement.

(ii) The Contracting Party is obligated to promptly inform Exchange if it becomes aware of a discrepancy between Exchange's records and the Contracting Party's own records relating to its Collateral.

~~i.h.~~ Return of Eligible Collateral Support – A Contracting Party may request a return of Eligible Collateral Support, and Exchange agrees to return excess Eligible Collateral Support to the Contracting Party, to the extent and pursuant to the terms provided for under Schedule C.

~~i.i.~~ Wire Payment of Cash Collateral – All transfers or deposits of Cash Collateral to or with Exchange by or on behalf of a Contracting Party shall be made by wire payment to the banking instructions provided by Exchange. All returns of Cash Collateral by Exchange to a Contracting Party shall be made by wire payment to the banking instructions provided by the Contracting Party and confirmed by Exchange. For greater certainty, any correspondent or intermediary bank fees relating to the deposit, transfer or return of Cash Collateral are the responsibility of the Contracting Party.

...

3.6 Confidentiality

a. Confidential Treatment by Exchange –

(i) Exchange agrees to use commercially reasonable efforts to keep confidential any and all non-public information received from the Contracting Party from time to time, including pursuant to the Application, including business, financial and strategic information in respect of the Contracting Party and any of its affiliates.

(ii) Exchange agrees to use commercially reasonable efforts to keep confidential any and all public information in respect of any Transaction entered into by the Contracting Party, and any and all information about the trading patterns, prices (including market price reference) and accounts, that does not constitute an ~~is not~~ ICE NGX Data Products.

(iii) Nothing in this Section 3.6 shall prevent Exchange from disclosing any information as may be required or allowed pursuant to the terms of this Agreement, to ICE or to any other service provider of Exchange in connection with the performance of

any Transaction, ~~or~~ as may be required to be disclosed by either Exchange or ICE by law or any regulatory authority, or as may be disclosed in the course of securing, or pursuant to, any order, consent or approval signifying any Regulatory Approval, ~~or and nothing under this Agreement shall~~ require that any such information which is in the public domain or acquired from a third party who is not under any obligation of confidentiality or secrecy to be a Contracting Party be kept confidential and secret by Exchange;

b. Confidential Treatment by Contracting Party –

- (i) The Contracting Party agrees to keep strictly confidential any and all non-public information, received from Exchange from time to time, including business, financial and strategic information in respect of, Exchange and any of its affiliates.
- (ii) The Contracting Party agrees to keep strictly confidential any training manuals and technical and operating information in respect of Exchange and any of its affiliates, the ICE NGX Trading System and the ICE NGX Clearing System, and that such information will remain the sole and exclusive property of Exchange.
- (iii) The Contracting Party agrees to use any material or information referred to in paragraph (i) or (ii) only for the purposes contemplated by this Agreement, and to not copy or reproduce such information by any means whatsoever or provide or otherwise make available the whole or any portion of such information to any person in any form except to its officers, directors, employees, agents and ~~to its~~ consultants for the purposes contemplated by this Agreement.
- (iv) The Contracting Party may use any information in respect of the market created through the Contracting Party's access to the ICE NGX Trading System and ICE NGX Clearing System for its business purposes, provided that, ~~by~~ to the extent that the information was not furnished by or does not relate solely to the Contracting Party, it may not publish or otherwise disclose such information publicly.
- (v) Nothing in this Section 3.6 shall restrict the Contracting Party or any affiliate of the ~~a~~ Contracting Party from compliance with any law, regulation or governmental authority applicable to such Contracting Party or affiliate of the ~~a~~ Contracting Party requiring disclosure, or require that any ~~such~~ information which is in the public domain or acquired from a third party who is not under any obligation of confidentiality or secrecy to Exchange or independently developed by such Contracting Party, be kept confidential and secret by any Contracting Party.

c. Trading Information –

- (i) The Contracting Party hereby acknowledges that all information in respect of the market created through the Contracting Party's access to the ICE NGX Trading System and ICE NGX Clearing System and made available to a Contracting Party is confidential and is owned by Exchange. The Contracting Party may use this information for its business purposes but to the extent that the information was not

furnished by or does not release solely to the Contracting Party, it may not publish or otherwise disclose such information publicly. This prohibition on public disclosure by the Contracting Party will not apply if the information is or becomes public through no breach of this Agreement by the Contracting Party; the information is disclosed to the Contracting Party by a third party under no legal obligation of confidence; or the Contracting Party is required by law or any regulatory authority to disclose of it. Subject to the covenants of Exchange contained in this Agreement, all such information may be used by Exchange for any purpose it deems appropriate including, without limitation, distributing such information to any Contracting Party on such terms as Exchange may see fit from time to time.

- (ii) In any event, Exchange may publish, distribute or otherwise disseminate such information as follows:
 - (A) to any Contracting Party in the manner and subject to the terms and conditions described in this Agreement; or
 - (B) if the information is or becomes public through no breach of this Agreement by Exchange; or (III) as may be required by law or any regulatory authority to be disclosed, or as may be disclosed in the course of securing, or pursuant to any order, consent or approval signifying any Regulatory Approvals.



AMENDMENTS TO THE ICE NGX CONTRACTING PARTY AGREEMENT

TERMS AND CONDITIONS

[Note: Insertions are underlined, deletions are struck through.]

SCHEDULE C - COLLATERAL AND RISK MANAGEMENT

1. Definitions

Words and phrases capitalized in this Risk Management Policy and not defined herein have the same meaning as in this Agreement.

In this Schedule C, the following terms and phrases mean as follows:

“Stress Loss Charge” means a component of Initial Margin designed to ensure that the uncollateralized stress exposure calculated in respect of a Contracting Party’s positions does not exceed Exchange’s financial resources;

...

8. Request by Exchange for Eligible Collateral Support

a. If the Initial Margin for a Contracting Party is equal to or greater than eighty percent (80%) of the Contracting Party's Net Equity, Exchange may request that additional Eligible Collateral Support be provided to Exchange.

b. If

(i) the Initial Margin for a Contracting Party is equal to or greater than ninety percent (90%) of the Contracting Party's Net Equity, or

(ii) the Available Margin for the Contracting Party is less than the applicable Minimum Available Margin Requirement,

Exchange

(iii) may request that additional Eligible Collateral Support be provided to Exchange, and

(iv) may halt the Contracting Party from entering orders for Products which will increase its Margin Requirement until the Contracting Party provides additional Eligible Collateral Support to the satisfaction of Exchange.

c. If the Initial Margin for a Contracting Party is equal to or greater than one hundred (100%) of the Contracting Party's Net Equity, Exchange

(i) may request that additional Eligible Collateral Support be provided to Exchange, and

- (ii) will be entitled to, without limitation to any of its other rights or remedies, invoke the Liquidation and Close-out Procedures pursuant to Article 5 of the Terms and Conditions.
- d. Except as provided under Section 8.e. of this Section C, upon a request by Exchange for additional Eligible Collateral Support from a Contracting Party in accordance with this Agreement that is made on a Business Day for the Contracting Party, the Contracting Party agrees to provide such additional Eligible Collateral Support to Exchange within the next Business Day or, if the next Business Day is a Recognized Banking Holiday, then on the first Business Day that is not a Recognized Banking Holiday following any such request.
- e. Upon a request by Exchange for additional Eligible Collateral Support from a Contracting Party
 - (i) _____ in accordance with subsection 8.c. of this Schedule C;
 - (ii) resulting from (and only to the extent of) the application of Stress Loss Charge to the Contracting Party's Margin Requirement; or
 - (iii) _____ as otherwise required by Exchangethat is made
 - (iv) at or before 9:00am Eastern Prevailing Time on a Business Day that ~~that~~ is not a Recognized Banking Holiday for the Contracting Party, the Contracting Party agrees to provide such additional Eligible Collateral Support to Exchange within the same Business Day;
 - (v~~ii~~) after 9:00am Eastern Prevailing Time or on a Business Day that is a Recognized Banking Holiday for the Contracting Party, then on the first Business Day that is not a Recognized Banking Holiday following any such request.
- f. Notwithstanding anything else in this Agreement, including all Schedules, whenever the Exchange determines, in its sole discretion, that unstable conditions relating to one or more Products exist, or that the maintenance of an orderly market or the preservation of the fiscal integrity of the Exchange requires additional Eligible Collateral Support, or that any Contracting Party is carrying positions in Products or incurring risks in its account(s) that are larger than is justified by the financial and/or operational condition of the Contracting Party, the Exchange may require additional Eligible Collateral Support to be deposited with the Exchange within such time(s) as may be specified by the Exchange, and/or may limit withdrawals of any Eligible Collateral Support on deposit from the Contracting Party for such time as may be specified by the exchange.



AMENDMENTS TO THE ICE NGX CONTRACTING PARTY AGREEMENT

TERMS AND CONDITIONS

[Note: Insertions are underlined, deletions are struck through.]

ARTICLE 1 – INTERPRETATION

...

1.2 Definitions

“CFTC” means the U.S. Commodity Futures Trading Commission;

“CFTC Regulations” means the rules and regulations promulgated by the CFTC under the U.S. Commodity Exchange Act;

...

1.4 Miscellaneous

...

d. Foreign Board of Trade –

(i) Each of the Contracting Party and Exchange intend and agree that each and every Transaction conducted on or subject to the rules of ICE NGX acting as a registered Foreign Board of Trade be conducted in accordance with section 4(b) of the Commodity Exchange Act (United States) and Part 48 of the CFTC Regulations ~~rules of the U.S. Commodity Futures Trading Commission.~~

(ii) Each of the Contracting Party and Exchange hereby agrees to and submits to the non-exclusive jurisdiction of the CFTC with respect to activities conducted pursuant to Exchange’s registration as a Foreign Board of Trade.

(iii) Each Contracting Party granted direct access (as that term is defined in Part 48 of the CFTC Regulations) will provide, upon request by the CFTC, the United States Department of Justice or, if appropriate, the National Futures Association, prompt access to the Contracting Party’s original books and records or, at the election of the requesting agency, a copy of specified information containing such books and records.

...



ARTICLE 5 – INVOICES AND TAXES

...

5.13 Deposit Agreement

...

f. Concurrent Outstanding Demands –

...

(iii) The amounts payable to each such Contracting Party under the Demands shall be made as follows:

...

(II) If, following the preceding step, an amount remains available for drawdown under the ~~Guarantee Fund Letters of Credit~~ [ICE NGX Letter of Credit](#), the amounts payable under all Demands received between six (6) and thirty (30) Business Days from the date the Escrow Agent received the First Outstanding Demand will be prorated as a proportion of the total of all Demands received within the six (6) to thirty (30) Business Day period.

AMENDMENTS TO THE CONTRACTING PARTY AGREEMENT

TERMS AND CONDITIONS

[Note: Insertions are underscored; deletions are struck-through.]

ARTICLE 3 – GENERAL OBLIGATIONS

...

3.3 Eligible Collateral Support and Collateral

- a. Eligible Collateral Support and Collateral – Each Contracting Party is ~~shall~~required to provide from time to time, as security for the Contracting Party's Obligations, and in such amounts, such forms, at such times and in accordance with such systems as may be prescribed by or pursuant to this Agreement, including Schedule C, or Exchange's stated policies in respect thereof, credit support consisting of one or more of the following: (i) an irrevocable letter of credit issued by an Approved Financial Institution in favour of Exchange in a form acceptable to Exchange; or (ii) Cash Collateral (collectively, "Eligible Collateral Support").

In addition, Exchange may, in its discretion, withhold payables or any other amounts owing to the Contracting Party or its Contracting Party Affiliates from Exchange as additional Collateral and may otherwise Net or Setoff any such payables, other amounts, or obligations against payables or other amounts or obligations owing by the Exchange to the Contracting Party or its Contracting Party Affiliates, and the Contracting Party, as Contracting Party and as Contracting Party Affiliate, hereby consents to any such Netting or Set-Off ~~on behalf of itself and its Contracting Party Affiliates~~.

...

3.3.1. Contracting Party Affiliates

- a. Net or Set-Off – The Contracting Party, as Contracting Party and as Contracting Party Affiliate, hereby agrees that Exchange shall be entitled to Net or Set-Off all Obligations payable or to be performed by Exchange to the Contracting Party or, except as Exchange may otherwise agree, any of its Contracting Party Affiliates, under any Transaction or any provision of this Agreement (or any Transaction or any Contracting Party Agreement entered into between Exchange and any Contracting Party Affiliate) or otherwise, and whether or not matured or contingent and irrespective of the currency or place of payment, against any Obligations payable or to be performed by the Contracting Party ~~of or~~ any of its Contracting Party Affiliates to Exchange under any Transaction or this Agreement (or any Transaction or any Contracting Party Agreement entered into between Exchange and any Contracting Party Affiliate). The contractual right of Net or Set-Off hereby granted is in addition to any legal or equitable right of set-off or any similar right granted at law, and does not require for its exercise any mutuality or connection, other than that hereby created, between the Obligations Netted or Set-Off. If an obligation or right is

unascertained at the time of any such Net or Set-Off, Exchange may in good faith estimate the amount or value of such obligation or right, in which case Net or Set-Off will be effected on the basis of such estimate and the relevant party shall account to the other party if such obligation or right at any time thereafter is ascertained.

...

ARTICLE 5 – FAILURE, DEFAULT AND LIQUIDATION AND CLOSE-OUT PROCEDURES

...

5.6 Contracting Party Default

- a. Default Automatic — A Contracting Party is in Default upon the occurrence or continuation of any of the events referred to in the definition of “Default”.
- b. Exchange Authority to Act — On the occurrence, continuation or upon Exchange becoming aware, of a Default by a Contracting Party, Exchange may, in its sole discretion, take any or any combination of the following actions, with or without prior notice to the Contracting Party and, if prior notice is not given, Exchange will endeavour to promptly notify the Contracting Party after taking any such action:
 - (i) in accordance with Schedule C, request an additional amount of Eligible Collateral Support from the Defaulting Party, [which the Defaulting Party is required to provide in accordance with this Agreement including Schedule C](#);

...

5.7 Contracting Party Event of Default

...

- d. Exchange Authority to Act — On the declaration or occurrence or at any time during the existence of an Event of Default in respect of a Contracting Party, and without further notice or formality prescribed by law or otherwise, all of which are hereby waived by the Defaulting Party to the extent permitted by applicable law, Exchange may, in its sole discretion and in addition to any rights or remedies under 5.6.b. and elsewhere in this Agreement or at law, equity or otherwise, without limitation:
 - (i) pursuant to Section 3.3 and Schedule C, request an additional amount of Eligible Collateral Support from the Defaulting Party, [which the Defaulting Party is required to provide in accordance with this Agreement including Schedule C](#);

SCHEDULE C - COLLATERAL AND RISK MANAGEMENT

[Note: Insertions are underlined, deletions are struck through.]

...

8. Request by Exchange for Eligible Collateral Support

...

- d. Except as provided under Section 8.e. of this Section C, upon a request by Exchange for additional Eligible Collateral Support from a Contracting Party in accordance with this Agreement that is made on a Business Day for the Contracting Party, the Contracting Party is required to and agrees to provide such additional Eligible Collateral Support to Exchange within the next Business Day or, if the next Business Day is a Recognized Banking Holiday, then on the first Business Day that is not a Recognized Banking Holiday following any such request.
- e. Upon a request by Exchange for additional Eligible Collateral Support from a Contracting Party in accordance with subsection 8.c. of this Schedule C or as otherwise required by Exchange that is made
- (i) at or before 9:00am Eastern Prevailing Time on a Business Day that that is not a Recognized Banking Holiday for the Contracting Party, the Contracting Party is required to and agrees to provide such additional Eligible Collateral Support to Exchange within the Business Day;
 - (ii) after 9:00am Eastern Prevailing Time or on a Business Day that is a Recognized Banking Holiday for the Contracting Party, the Contracting Party is required to and agrees to provide such additional Eligible Collateral Support to Exchange ~~then~~ on the first Business Day that is not a Recognized Banking Holiday following any such request.
- f. Notwithstanding anything else in this Agreement, including all Schedules, whenever the Exchange determines, in its sole discretion, that unstable conditions relating to one or more Products exist, or that the maintenance of an orderly market or the preservation of the fiscal integrity of the Exchange requires additional Eligible Collateral Support, or that any Contracting Party is carrying positions in Products or incurring risks in its account(s) that are larger than is justified by the financial and/or operational condition of the Contracting Party, the Exchange may
- (i) require additional Eligible Collateral Support to be deposited with the Exchange within such time(s) as may be specified by the Exchange, which the Contracting Party is required to provide in accordance with this Agreement including Schedule C; and ~~or may~~
 - (ii) limit withdrawals of any Eligible Collateral Support on deposit from the Contracting Party for such time as may be specified by ~~the exchange~~ Exchange.

ICE NGX NATURAL GAS PRODUCTS - CANADA

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Index	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Tariff	Accessed via WebICE and traded/cleared as NGX:	OTC Clears thru DCO As (EFRP)	NGX Bilateral trades on NGX as:	Contract Size (GJ/MMBtu)	Minimum Futures-Block Transaction Size (GJ/MMBtu)
PHYSICAL FUTURES																	
NGX Phys FUT, BS, LD1 (US/MM)	AB-NIT	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	Spectra Huntingdon	ICE	Phys	BS	USD/MMBtu	LD1			NYMEX last day		Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL East Hereford	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL East Hereford	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL Emerson 1	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL Emerson 2	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL Enbridge CDA	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL Enbridge EDA	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL Energir EDA	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL St Clair	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL-Chippawa	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL-Iroquois	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	TCPL-Niagara	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	Union-Dawn	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 (US/MM)	Union-Parkway	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day		Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	AB-NIT / TCPL-Emerson 1	NGX	Phys	BS Spread	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	AB-NIT / TCPL-Emerson 2	NGX	Phys	BS Spread	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	AB-NIT / Union-Dawn	NGX	Phys	BS Spread	USD/MMBtu						TransCanada Pipelines Limited and Union Gas Limited	TransCanada Pipelines Limited Terms & Conditions and Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	TCPL St Clair / Union-Dawn	NGX	Phys	BS Spread	USD/MMBtu						TransCanada Pipelines Limited and Union Gas Limited	TransCanada Pipelines Limited Terms & Conditions and Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	Union Dawn / TCPL Enbridge CDA	NGX	Phys	BS Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	Union Parkway / TCPL Enbridge CDA	NGX	Phys	BS Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	Union Dawn / TCPL Enbridge EDA	NGX	Phys	BS Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	Union-Dawn / TCPL Energir EDA	NGX	Phys	BS Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	Union-Dawn / TCPL Iroquois	NGX	Phys	BS Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	Union-Dawn / TCPL Chippawa	NGX	Phys	BS Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	Union-Dawn / TCPL Niagara	NGX	Phys	BS Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	Union-Dawn / Union Parkway	NGX	Phys	BS Spread	USD/MMBtu						Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (CA/GJ)	AB-NIT	NGX	Phys	FP	CAD/GJ						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (CA/GJ)	APC-ATP	NGX	Phys	FP	CAD/GJ						Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	APC-ATP	NGX	Phys	FP	USD/MMBtu						Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Index	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Tariff	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	NGX Bilateral trades on NGX as:	Contract Size (GJ/MMBtu)	Minimum Futures-Block Transaction Size (GJ/MMBtu)
NGX Phys FUT, FP (CA/GJ)	TCPL Empress	NGX	Phys	FP	CAD/GJ						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (CA/GJ)	Spectra Station #2	NGX	Phys	FP	CAD/GJ						Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (CA/GJ)	Suffield 2	NGX	Phys	FP	CAD/GJ						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (CA/GJ)	TEP	NGX	Phys	FP	CAD/GJ						TransGas Limited	TransGas Service Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	AB-NIT	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	Spectra Huntingdon	ICE	Phys	FP	USD/MMBtu						Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	Spectra Station #2	NGX	Phys	FP	USD/MMBtu						Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL Emerson 1	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL Emerson 2	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL Enbridge CDA	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL Enbridge EDA	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL Energir EDA	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL St Clair	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL-Chippawa	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL-Iroquois	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL-Niagara	NGX	Phys	FP	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	Union-Dawn	NGX	Phys	FP	USD/MMBtu						Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	Union-Parkway	NGX	Phys	FP	USD/MMBtu						Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (CA/GJ)	AB-NIT / Suffield 2	NGX	Phys	FP Spread	CAD/GJ						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (CA/GJ)	AB-NIT / TCPL Empress	NGX	Phys	FP Spread	CAD/GJ						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP SPR (CA/GJ)	APC-ATP/AB-NIT	NGX	Phys	FP Spread	CAD/GJ						Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP SPR (CA/GJ)	Spectra-Str2/AB-NIT	NGX	Phys	FP Spread	CAD/GJ						Duke Energy Gas Transmission and TransCanada Pipelines Limited	Duke Energy Gas Transmission General Terms & Conditions and TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	Spectra Station #2/Spectra Huntingdon	NGX	Phys	FP Spread	USD/MMBtu						Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	TCPL St Clair / Union-Dawn	NGX	Phys	FP Spread	USD/MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	Union Dawn / TCPL Enbridge CDA	NGX	Phys	FP Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	Union Parkway / TCPL Enbridge CDA	NGX	Phys	FP Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	Union Dawn / TCPL Enbridge EDA	NGX	Phys	FP Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	Union Dawn / TCPL Energir EDA	NGX	Phys	FP Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	Union-Dawn / TCPL Iroquois	NGX	Phys	FP Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	Union-Dawn / TCPL Chippawa	NGX	Phys	FP Spread	USD/MMBtu						Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Tariff	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	NGX Bilateral trades on NGX as:	Contract Size (GJ/MMBtu)	Minimum Futures-Block Transaction Size (GJ/MMBtu)
NGX Phys FUT, FP Spr (US/MM)	Union-Dawn / TCPL Niagara	NGX	Phys	FP Spread	USD/MMBtu					Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	Union-Dawn / Union Parkway	NGX	Phys	FP Spread	USD/MMBtu					Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 2a NGX (CA/GJ)	AB-NIT	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Same Day Index (2A)		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, Same Day (CAD/GJ)	APC-ATP	NGX	Phys	ID	CAD/GJ			Exchange's Website and CGPR		Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 2a NGX (US/MM)	AB-NIT	NGX	Phys	ID	USD/MMBtu	ICE NGX AB-NIT Same Day Index (2A US)		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, Day Ahead (CAD/GJ)	APC-ATP	NGX	Phys	ID	CAD/GJ			Exchange's Website and CGPR		Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 4a NGX (CA/GJ)	AB-NIT	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Same Day Index (4A)		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 2a NGX (CA/GJ)	APC-ATP	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Same Day Index (2A)		Exchange's Website and CGPR		Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 5a NGX (CA/GJ)	AB-NIT	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Same Day Index (5A)		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 5a NGX (CA/GJ)	APC-ATP	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Same Day Index (5A)		Exchange's Website and CGPR		Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 5a NGX (CA/GJ)	TEP	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Same Day Index (5A)		Exchange's Website and CGPR		TransGas Limited	TransGas Service Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 5a NGX (US/MM)	AB-NIT	NGX	Phys	ID	USD/MMBtu	ICE NGX AB-NIT Same Day Index (5A US)		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 5a NGX (US/MM)	APC-ATP	NGX	Phys	ID	USD/MMBtu	ICE NGX AB-NIT Same Day Index (5A US)		Exchange's Website and CGPR		Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 7a NGX (CA/GJ)	AB-NIT	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Month Ahead Index (7A)		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 7a NGX (CA/GJ)	APC-ATP	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Month Ahead Index (7A)		Exchange's Website and CGPR		Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 7a NGX (CA/GJ)	Spectra Station #2	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Month Ahead Index (7A)		Exchange's Website and CGPR		Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 7a NGX (US/MM)	AB-NIT	NGX	Phys	ID	USD/MMBtu	ICE NGX AB-NIT Month Ahead Index (7A)		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, 7a NGX (US/MM)	APC-ATP	NGX	Phys	ID	USD/MMBtu	ICE NGX AB-NIT Month Ahead Index (7A US)		Exchange's Website and CGPR		Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, Day Ahead (US/MM)	Union-Dawn	NGX	Phys	ID	USD/MMBtu	ICE NGX Union-Dawn Day Ahead Index		Exchange's Website and CGPR		Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, Day Ahead (US/MM)	TCPL Emerson 1	NGX	Phys	ID	USD/MMBtu	ICE NGX TCPL Emerson 1 Day Ahead Index		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, Day Ahead (US/MM)	TCPL Emerson 2	NGX	Phys	ID	USD/MMBtu	ICE NGX TCPL Emerson 2 Day Ahead Index		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, Day Ahead NGX (CA/GJ)	AB-NIT	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Day Ahead Index		Exchange's Website and CGPR		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, Day Ahead NGX (CA/GJ)	APC-ATP	NGX	Phys	ID	CAD/GJ	ICE NGX AB-NIT Day Ahead Index		Exchange's Website and CGPR		Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, Month Ahead NGX (CA/GJ)	Enbridge Station #2	NGX	Phys	ID	CAD/GJ	ICE NGX Enbridge Station #2 Month Ahead Index		Exchange's Website and CGPR		Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, Day Ahead NGX (CA/GJ)	Spectra Station #2	NGX	Phys	ID	CAD/GJ	ICE NGX Spectra Station #2 Day Ahead Index		Exchange's Website and CGPR		Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, GD (US/MM)	Spectra Huntingdon	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, ID, IF (US/MM)	Spectra Huntingdon	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FWD, FP (US/MM)	Spectra Huntingdon	ICE	Phys	FP	USD/MMBtu					Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	N/A	N/A	Forward	N/A	N/A
NGX Phys FWD, ID, GD (US/MM)	Spectra Huntingdon	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	N/A	N/A	Forward	N/A	N/A
NGX Phys FUT, BS, LD1 (US/MM)	TCPL North Bay Junction	NGX	Phys	BS	USD/MMBtu	LD1			NYMEX last day	TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP (US/MM)	TCPL North Bay Junction	NGX	Phys	FP	USD/MMBtu					TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, BS, LD1 Spr (US/MM)	Union Dawn/TCPL North Bay Junction	NGX	Phys	BS Spread	USD/MMBtu					Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1
NGX Phys FUT, FP Spr (US/MM)	Union Dawn/TCPL North Bay Junction	NGX	Phys	FP Spread	USD/MMBtu					Union Gas Limited and TransCanada Pipelines Limited	Union General Terms and TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100	1

TOTAL CAD Natgas Physical Futures 93

FINANCIAL FUTURES

ICE NGX Fin FUT FF, FP for 7a NGX	AB-NIT	NGX	Fin	Fixed for Floating	USD/MMBtu			ICE NGX AB-NIT Month Ahead (7A US)	Exchange's Website and CGPR			Financially Settled Future	Financially Settled Future	N/A	100	1
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ICE NGX NATURAL GAS PRODUCTS - U.S.

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Assigned Delivery	Tariff	Accessed via WebICE and trades/Cleared as NGX:	OTC Clears thru DCO As (EFRP)	Contract Size (MMBtu)	Minimum Futures-Block Transaction Size (MMBtu)
NG Phys FUT, BS, LD1	AB Pool (inter)	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Agua Blanca, LLC	N/A	Agua Blanca Statement of Operating Conditions	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	AB Pool (inter)	ICE	Phys	FP	USD/MMBtu					Agua Blanca, LLC	N/A	Agua Blanca Statement of Operating Conditions	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	AB Pool (inter)	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Agua Blanca, LLC	N/A	Agua Blanca Statement of Operating Conditions	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	AB Pool (inter)	ICE	Phys	IF	USD/MMBtu	IF		Platts Inside FERC		Agua Blanca, LLC	N/A	Agua Blanca Statement of Operating Conditions	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	ANR-SE-T	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		American Natural Resources Pipeline Co	N/A	ANR FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	ANR-SE-T	ICE	Phys	FP	USD/MMBtu					American Natural Resources Pipeline Co	N/A	ANR FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	ANR-SE-T	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		American Natural Resources Pipeline Co	N/A	ANR FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	ANR-SE-T	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		American Natural Resources Pipeline Co	N/A	ANR FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	ANR-SW	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		American Natural Resources Pipeline Co	N/A	ANR FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	ANR-SW	ICE	Phys	FP	USD/MMBtu					American Natural Resources Pipeline Co	N/A	ANR FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	ANR-SW	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		American Natural Resources Pipeline Co	N/A	ANR FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	ANR-SW	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		American Natural Resources Pipeline Co	N/A	ANR FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	APC-ACE	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Alliance Pipeline	N/A	Alliance Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	APC-ACE	ICE	Phys	FP	USD/MMBtu					Alliance Pipeline	N/A	Alliance Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	APC-ACE	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Alliance Pipeline	N/A	Alliance Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	APC-ACE	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Alliance Pipeline	N/A	Alliance Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	CG - Mainline	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Columbia Gulf	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	CG - Mainline	ICE	Phys	FP	USD/MMBtu					Columbia Gulf	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	CG - Mainline	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Columbia Gulf	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Assigned Delivery	Tariff	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Contract Size (MMBtu)	Minimum Futures-Block Transaction Size (MMBtu)
NG Phys FUT, ID, IF	CG - Mainline	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Columbia Gulf	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	CG - Onshore	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Columbia Gulf	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	CG - Onshore	ICE	Phys	FP	USD/MMBtu					Columbia Gulf	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	CG - Onshore	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Columbia Gulf	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	CG - Onshore	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Columbia Gulf	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Cheyenne Hub	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Colorado Interstate Gas Company	Yes	CIG Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Cheyenne Hub	ICE	Phys	FP	USD/MMBtu					Colorado Interstate Gas Company	Yes	CIG Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Cheyenne Hub	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Colorado Interstate Gas Company	Yes	CIG Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Cheyenne Hub	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC CIG Rocky Mountains		Colorado Interstate Gas Company	Yes	CIG Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Consumers - Citygate	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Consumers Energy	N/A	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Consumers - Citygate	ICE	Phys	FP	USD/MMBtu					Consumers Energy	N/A	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Consumers - Citygate	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Consumers Energy	N/A	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Consumers - Citygate	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Consumers Energy	N/A	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Cove Point	ICE	Phys	BS	USD/MMBtu	LD1				BHE GT&S	Yes	Cove Point LNG, LP FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Cove Point	ICE	Phys	FP	USD/MMBtu					BHE GT&S	Yes	Cove Point LNG, LP FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Cove Point	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		BHE GT&S	Yes	Cove Point LNG, LP FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Eastern Gas - North	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Eastern Gas Transmission System	N/A	Eastern Gas Transmission Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Eastern Gas - North	ICE	Phys	FP	USD/MMBtu					Eastern Gas Transmission System	N/A	Eastern Gas Transmission Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Eastern Gas - North	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Eastern Gas Transmission System	N/A	Eastern Gas Transmission Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Eastern Gas - North	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Eastern Gas Transmission System	N/A	Eastern Gas Transmission Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Eastern Gas - South	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Eastern Gas Transmission System	N/A	Eastern Gas Transmission Tariff	Physically Settled Future	Physically Settled Future	100	1

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Assigned Delivery	Tariff	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Contract Size (MMBtu)	Minimum Futures-Block Transaction Size (MMBtu)
NG Phys FUT, FP	Eastern Gas - South	ICE	Phys	FP	USD/MMBtu					Eastern Gas Transmission System	N/A	Eastern Gas Transmission Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Eastern Gas - South	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Eastern Gas Transmission System	N/A	Eastern Gas Transmission Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Eastern Gas - South	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Eastern Gas Transmission System	N/A	Eastern Gas Transmission Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	EGT-Flex	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Enable Midstream Partners	N/A	Enable FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	EGT-Flex	ICE	Phys	FP	USD/MMBtu					Enable Midstream Partners	N/A	Enable FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	EGT-Flex	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Enable Midstream Partners	N/A	Enable FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	EGT-Flex	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Enable Midstream Partners	N/A	Enable FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	EI Paso Keystone	ICE	Phys	BS	USD/Mmbtu	LD1		NYMEX last day		EI Paso Pipeline	N/A	EI Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	EI Paso Keystone	ICE	Phys	FP	USD/Mmbtu					EI Paso Pipeline	N/A	EI Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	EI Paso Keystone (EP Perm ID)	ICE	Phys	ID	USD/Mmbtu	GDD		Platt's Gas Daily		EI Paso Pipeline	N/A	EI Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	EI Paso Keystone (EP WTX ID)	ICE	Phys	ID	USD/Mmbtu	GDD		Platt's Gas Daily		EI Paso Pipeline	N/A	EI Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	EI Paso Keystone (EP Perm ID)	ICE	Phys	ID	USD/Mmbtu	IF		Platt's Inside FERC		EI Paso Pipeline	N/A	EI Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	EI Paso Keystone (EP WTX ID)	ICE	Phys	ID	USD/Mmbtu	IF		Platt's Inside FERC		EI Paso Pipeline	N/A	EI Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	EI Paso San Juan Blanco Pool	ICE	Phys	BS	USD/Mmbtu	LD1		NYMEX last day		EI Paso Pipeline	N/A	EI Paso FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	EI Paso San Juan Blanco Pool	ICE	Phys	FP	USD/Mmbtu					EI Paso Pipeline	N/A	EI Paso FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	EI Paso San Juan Blanco Pool	ICE	Phys	ID	USD/Mmbtu	GDD		Platt's Gas Daily		EI Paso Pipeline	N/A	EI Paso FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	EI Paso San Juan Blanco Pool	ICE	Phys	ID	USD/Mmbtu	IF		Platt's Inside FERC		EI Paso Pipeline	N/A	EI Paso FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	FGT-Z3	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Florida Gas Transmission Company, LLC	N/A	FGT FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	FGT-Z3	ICE	Phys	FP	USD/MMBtu					Florida Gas Transmission Company, LLC	N/A	FGT FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	FGT-Z3	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Florida Gas Transmission Company, LLC	N/A	FGT FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	FGT-Z3	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Florida Gas Transmission Company, LLC	N/A	FGT FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Assigned Delivery	Tariff	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Contract Size (MMBtu)	Minimum Futures-Block Transaction Size (MMBtu)
NG Phys FUT, BS, LD1	GTN - Stanfield	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	GTN - Stanfield	ICE	Phys	FP	USD/MMBtu					Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	GTN - Stanfield	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	GTN - Stanfield	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	GTN-Kingsgate	ICE	Phys	FP	USD/MMBtu					Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	GTN-Kingsgate	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	GTN-Kingsgate	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	GTN-Kingsgate	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	GTN-Malin	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	GTN-Malin	ICE	Phys	FP	USD/MMBtu					Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	GTN-Malin	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	GTN-Malin	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Gas Transmission Northwest Corporation	N/A	Gas Transmission Northwest FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Henry	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Sabine Hub Services (US Pipeline Operator: Sabine Pipeline)	N/A	Sabine Hub Services Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Henry	ICE	Phys	FP	USD/MMBtu					Sabine Hub Services (US Pipeline Operator: Sabine Pipeline)	N/A	Sabine Hub Services Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Henry	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Sabine Hub Services (US Pipeline Operator: Sabine Pipeline)	N/A	Sabine Hub Services Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Henry	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Sabine Hub Services (US Pipeline Operator: Sabine Pipeline)	N/A	Sabine Hub Services Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	HSC-HPL Pool	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Energy Transfer Partners LP	N/A	Railroad Commission of Texas Houston Pipe Line Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	HSC-HPL Pool	ICE	Phys	FP						Energy Transfer Partners LP	N/A	Railroad Commission of Texas Houston Pipe Line Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	HSC-HPL Pool	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Energy Transfer Partners LP	N/A	Railroad Commission of Texas Houston Pipe Line Tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, ID, IF	HSC-HPL Pool	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Energy Transfer Partners LP	N/A	Railroad Commission of Texas Houston Pipe Line Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Iroquois (Into)	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Iroquois Gas Transmission	Yes	IGT FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Iroquois (Into)	ICE	Phys	FP	USD/MMBtu					Iroquois Gas Transmission	Yes	IGT FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Iroquois (Into)	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Iroquois Gas Transmission	Yes	IGT FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Iroquois (Into)	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Iroquois Gas Transmission	Yes	IGT FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Katy Enstor	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Enstor Katy Storage	N/A	Railroad Commission of Texas Enstor Katy Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Katy Enstor	ICE	Phys	FP	USD/MMBtu					Enstor Katy Storage	N/A	Railroad Commission of Texas Enstor Katy Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Katy Enstor	ICE	Phys	ID	USD/MMBtu	GDD		Platt's Gas Daily		Enstor Katy Storage	N/A	Railroad Commission of Texas Enstor Katy Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Katy Enstor (HSC id)	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Enstor Katy Storage	N/A	Railroad Commission of Texas Enstor Katy Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Katy Enstor (Katy id)	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Enstor Katy Storage	N/A	Railroad Commission of Texas Enstor Katy Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Katy Oasis	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Energy Transfer Partners LP	Yes	Railroad Commission of Texas Oasis Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Katy Oasis	ICE	Phys	FP	USD/MMBtu					Energy Transfer Partners LP	Yes	Railroad Commission of Texas Oasis Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Katy Oasis	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Energy Transfer Partners LP	Yes	Railroad Commission of Texas Oasis Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Katy Oasis (HSC id)	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Energy Transfer Partners LP	Yes	Railroad Commission of Texas Oasis Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Katy Oasis (Katy id)	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Energy Transfer Partners LP	Yes	Railroad Commission of Texas Oasis Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	KRGT - Del Pool	ICE	Phys	FP	USD/MMBtu					Kern River Gas Transmission Co.	N/A	Kern River Gas Transmission FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	KRGT - Del Pool	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Kern River Gas Transmission Co.	N/A	Kern River Gas Transmission FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	KRGT - Del Pool	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Kern River Gas Transmission Co.	N/A	Kern River Gas Transmission FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	KRGT - Del Pool	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Kern River Gas Transmission Co.	N/A	Kern River Gas Transmission FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	KRGT - Rec Pool	ICE	Phys	FP	USD/MMBtu					Kern River Gas Transmission Co.	N/A	Kern River Gas Transmission FERC Tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, ID, GDD	KRGT - Rec Pool	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Kern River Gas Transmission Co.	N/A	Kern River Gas Transmission FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	KRGT - Rec Pool	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Kern River Gas Transmission Co.	N/A	Kern River Gas Transmission FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	KRGT - Rec Pool	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Kern River Gas Transmission Co.	N/A	Kern River Gas Transmission FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Leidy-Transco	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Leidy-Transco	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Leidy-Transco	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Leidy-Transco	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Michcon	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Michcon	Yes	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Michcon	ICE	Phys	FP	USD/MMBtu					Michcon	Yes	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Michcon	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Michcon	Yes	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Michcon	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Michcon	Yes	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Millennium East Pool	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Millennium Pipeline	N/A	Millennium Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Millennium East Pool	ICE	Phys	FP	USD/MMBtu					Millennium Pipeline	N/A	Millennium Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Millennium East Pool	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Millennium Pipeline	N/A	Millennium Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Millennium East Pool	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Millennium Pipeline	N/A	Millennium Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Moss Bluff Inter	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Spectra Energy Transmission	Yes	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Moss Bluff Inter	ICE	Phys	FP	USD/MMBtu					Spectra Energy Transmission	Yes	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	NBPL - Ventura	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Northern Border Pipeline	N/A	NBPL Ferc Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	NBPL - Ventura	ICE	Phys	FP	USD/MMBtu					Northern Border Pipeline	N/A	NBPL Ferc Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	NBPL - Ventura	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Northern Border Pipeline	N/A	NBPL Ferc Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	NBPL - Ventura	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Northern Border Pipeline	N/A	NBPL Ferc Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, BS, LD1	NGPL - Nicor	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	NGPL - Nicor	ICE	Phys	FP	USD/MMBtu					Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	NGPL - Nicor	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	NGPL - Nicor	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	NGPL - Nipsco	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	NGPL - Nipsco	ICE	Phys	FP	USD/MMBtu					Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	NGPL - Nipsco	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	NGPL - Nipsco	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	NGPL - STX	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	NGPL - STX	ICE	Phys	FP	USD/MMBtu					Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	NGPL - STX	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	NGPL - STX	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	NGPL Midcont Pool	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	NGPL Midcont Pool	ICE	Phys	FP	USD/MMBtu					Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	NGPL Midcont Pool	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	NGPL Midcont Pool	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	NGPL TXOK East	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	NGPL TXOK East	ICE	Phys	FP	USD/MMBtu					Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	NGPL TXOK East	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	NGPL TXOK East	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Natural Gas Pipeline	N/A	NGPL FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	NNG-Demarc	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Northern Natural Gas	N/A	Northern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, FP	NNG-Demarc	ICE	Phys	FP	USD/MMBtu					Northern Natural Gas	N/A	Northern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	NNG-Demarc	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Northern Natural Gas	N/A	Northern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	NNG-Demarc	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Northern Natural Gas	N/A	Northern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	NNG-Ventura	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Northern Natural Gas Co.	N/A	NNG FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	NNG-Ventura	ICE	Phys	FP	USD/MMBtu					Northern Natural Gas Co.	N/A	NNG FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	NNG-Ventura	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Northern Natural Gas Co.	N/A	NNG FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	NNG-Ventura	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Northern Natural Gas Co.	N/A	NNG FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Oasis-Waha Pool	ICE	Phys	BS	USD/Mmbtu	LD1		NYMEX last day		Energy Transfer Partners LP	N/A	Railroad Commission of Texas Oasis Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Oasis-Waha Pool	ICE	Phys	FP	USD/Mmbtu					Energy Transfer Partners LP	N/A	Railroad Commission of Texas Oasis Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Oasis-Waha Pool	ICE	Phys	ID	USD/Mmbtu	GDD		Platts Gas Daily		Energy Transfer Partners LP	N/A	Railroad Commission of Texas Oasis Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Oasis-Waha Pool	ICE	Phys	ID	USD/Mmbtu	IF		Platts Inside FERC		Energy Transfer Partners LP	N/A	Railroad Commission of Texas Oasis Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	OGT	ICE	Phys	BS	USD/Mmbtu	LD1		NYMEX last day		Oneok Gas Transportation, LLC	N/A	Oneok Gas Transportation Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	OGT	ICE	Phys	FP	USD/Mmbtu					Oneok Gas Transportation, LLC	N/A	Oneok Gas Transportation Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	OGT	ICE	Phys	ID	USD/Mmbtu	GDD		Platts Gas Daily		Oneok Gas Transportation, LLC	N/A	Oneok Gas Transportation Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	OGT	ICE	Phys	ID	USD/Mmbtu	IF		Platts Inside FERC		Oneok Gas Transportation, LLC	N/A	Oneok Gas Transportation Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Opal	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Williams	N/A	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Opal	ICE	Phys	FP	USD/MMBtu					Williams	N/A	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Opal	ICE	Phys	ID	USD/Mmbtu	GDD		Platts Gas Daily		Williams	N/A	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Opal	ICE	Phys	ID	USD/Mmbtu	IF		Platts Inside FERC, N/W Pipeline Rocky		Williams	N/A	not FERC regulated	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Panhandle	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Panhandle Eastern	N/A	Panhandle FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Panhandle	ICE	Phys	FP	USD/MMBtu					Panhandle Eastern	N/A	Panhandle FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, ID, GDD	Panhandle	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Panhandle Eastern	N/A	Panhandle FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Panhandle	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Panhandle Eastern	N/A	Panhandle FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	PG&E-Citygate	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Pacific Gas and Electric Company	N/A	Pacific Gas and Electric Company Tariff Book	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	PG&E-Citygate	ICE	Phys	FP	USD/MMBtu					Pacific Gas and Electric Company	N/A	Pacific Gas and Electric Company Tariff Book	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	PG&E-Citygate	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Pacific Gas and Electric Company	N/A	Pacific Gas and Electric Company Tariff Book	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	PG&E-Citygate	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Pacific Gas and Electric Company	N/A	Pacific Gas and Electric Company Tariff Book	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	PG&E-Topock	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Pacific Gas and Electric Company	N/A	Pacific Gas and Electric Company Tariff Book	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	PG&E-Topock	ICE	Phys	FP	USD/MMBtu					Pacific Gas and Electric Company	N/A	Pacific Gas and Electric Company Tariff Book	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	PG&E-Topock	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Pacific Gas and Electric Company	N/A	Pacific Gas and Electric Company Tariff Book	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	PG&E-Topock	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Pacific Gas and Electric Company	N/A	Pacific Gas and Electric Company Tariff Book	Physically Settled Future	Physically Settled Future	100	1
NG, Phys, FUT, BS, LD1	Pine Prairie	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		PINE PRAIRIE ENERGY CENTER, LLC	N/A	PINE PRAIRIE ENERGY CENTER, LLC FERC GAS TARIFF	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Pine Prairie	ICE	Phys	FP	USD/MMBtu					PINE PRAIRIE ENERGY CENTER, LLC	N/A	PINE PRAIRIE ENERGY CENTER, LLC FERC GAS TARIFF	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Pine Prairie	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		PINE PRAIRIE ENERGY CENTER, LLC	N/A	PINE PRAIRIE ENERGY CENTER, LLC FERC GAS TARIFF	Physically Settled Future	Physically Settled Future	100	1
NG, Phys FUT, ID, IF	Pine Prairie	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		PINE PRAIRIE ENERGY CENTER, LLC	N/A	PINE PRAIRIE ENERGY CENTER, LLC FERC GAS TARIFF	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	REX E-ANR	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	REX E-ANR	ICE	Phys	FP	USD/MMBtu					Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	REX E-ANR	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	REX E-ANR	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	REX E-NGPL	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	REX E-NGPL	ICE	Phys	FP	USD/MMBtu					Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	REX E-NGPL	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, ID, IF	REX E-NGPL	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	REX E-MidW	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	REX E-MidW	ICE	Phys	FP	USD/MMBtu					Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	REX E-MidW	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	REX E-MidW	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	REX E-PEPL	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	REX E-PEPL	ICE	Phys	FP	USD/MMBtu					Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	REX E-PEPL	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	REX E-PEPL	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	REX E-Trunk	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	REX E-Trunk	ICE	Phys	FP	USD/MMBtu					Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	REX E-Trunk	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	REX E-Trunk	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Rockies Express Pipeline	Yes	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	REX Cheyenne Comp Pool	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Rockies Express Pipeline	N/A	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	REX Cheyenne Comp Pool	ICE	Phys	FP	USD/MMBtu					Rockies Express Pipeline	N/A	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	REX Cheyenne Comp Pool	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Rockies Express Pipeline	N/A	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	REX Cheyenne Comp Pool	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Rockies Express Pipeline	N/A	Rockies Express Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Socal Citygate	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Southern California Gas Co	N/A	CPUC tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Socal Citygate	ICE	Phys	FP	USD/MMBtu					Southern California Gas Co	N/A	CPUC tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Socal Citygate	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Southern California Gas Co	N/A	CPUC tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, NGI	Socal Citygate	ICE	Phys	ID	USD/MMBtu	NGI		NGI		Southern California Gas Co	N/A	CPUC tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, BS, LD1	Sonat-Z0 South	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Southern Natural Gas Company, LLC	N/A	Southern Natural Gas Company, LLC FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Sonat-Z0 South	ICE	Phys	FP	USD/MMBtu					Southern Natural Gas Company, LLC	N/A	Southern Natural Gas Company, LLC FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Sonat-Z0 South	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Southern Natural Gas Company, LLC	N/A	Southern Natural Gas Company, LLC FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Sonat-Z0 South	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Southern Natural Gas Company, LLC	N/A	Southern Natural Gas Company, LLC FERC Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Stagecoach Marcellus Hub	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Central New York Oil And Gas Company, LLC	N/A	Central New York Oil And Gas Company, LLC FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Stagecoach Marcellus Hub	ICE	Phys	FP	USD/MMBtu					Central New York Oil And Gas Company, LLC	N/A	Central New York Oil And Gas Company, LLC FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TCO	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Columbia Gas Transmission	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TCO	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Columbia Gas Transmission	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TCO	ICE	Phys	FP	USD/MMBtu					Columbia Gas Transmission	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TCO	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Columbia Gas Transmission	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS LD1	TCO-A04 Pool	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Columbia Gas Transmission	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TCO-A04 Pool	ICE	Phys	FP	USD/MMBtu					Columbia Gas Transmission	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TCO-A04 Pool	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Columbia Gas Transmission	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TCO-A04 Pool	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Columbia Gas Transmission	N/A	Columbia FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TETCO ELA	ICE	Phys	BS	USD/Mmbtu	LD1		NYMEX last day		Texas Eastern Transmission Corp	N/A	Texas Eastern Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TETCO ELA	ICE	Phys	FP	USD/Mmbtu					Texas Eastern Transmission Corp	N/A	Texas Eastern Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TETCO ELA	ICE	Phys	ID	USD/Mmbtu	GDD		Platt's Gas Daily		Texas Eastern Transmission Corp	N/A	Texas Eastern Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TETCO ELA	ICE	Phys	ID	USD/Mmbtu	IF		Platt's Inside FERC		Texas Eastern Transmission Corp	N/A	Texas Eastern Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TETCO M1-30	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Texas Eastern Transmission Corp	N/A	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TETCO M1-30	ICE	Phys	FP	USD/MMBtu					Texas Eastern Transmission Corp	N/A	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TETCO M1-30	ICE	Phys	ID	USD/MMBtu	GDD		Platt's Gas Daily		Texas Eastern Transmission Corp	N/A	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, ID, IF	TETCO M1-30	ICE	Phys	ID	USD/MMBtu	IF		Platt's Inside FERC		Texas Eastern Transmission Corp	N/A	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TETCO M2 (receipt)	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Texas Eastern Transmission Corp	Yes	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TETCO M2 (receipt)	ICE	Phys	FP	USD/MMBtu					Texas Eastern Transmission Corp	Yes	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TETCO M2 (receipt)	ICE	Phys	ID	USD/MMBtu	GDD		Platt's Gas Daily		Texas Eastern Transmission Corp	Yes	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TETCO M2 (receipt)	ICE	Phys	ID	USD/MMBtu	IF		Platt's Inside FERC		Texas Eastern Transmission Corp	Yes	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TETCO M3	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Texas Eastern Transmission Corp	Yes	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TETCO M3	ICE	Phys	FP	USD/MMBtu					Texas Eastern Transmission Corp	Yes	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TETCO M3	ICE	Phys	ID	USD/MMBtu	GDD		Platt's Gas Daily		Texas Eastern Transmission Corp	Yes	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TETCO M3	ICE	Phys	ID	USD/MMBtu	IF		Platt's Inside FERC		Texas Eastern Transmission Corp	Yes	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TETCO STX	ICE	Phys	BS	USD/Mmbtu	LD1		NYMEX last day		Texas Eastern Transmission Corp	N/A	Texas Eastern Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TETCO STX	ICE	Phys	FP	USD/Mmbtu					Texas Eastern Transmission Corp	N/A	Texas Eastern Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TETCO STX	ICE	Phys	ID	USD/Mmbtu	GDD		Platt's Gas Daily		Texas Eastern Transmission Corp	N/A	Texas Eastern Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TETCO STX	ICE	Phys	ID	USD/Mmbtu	IF		Platt's Inside FERC		Texas Eastern Transmission Corp	N/A	Texas Eastern Ferc Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TETCO WLA	ICE	Phys	BS	USD/Mmbtu	LD1		NYMEX last day		Texas Eastern Transmission Corp	N/A	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TETCO WLA	ICE	Phys	FP	USD/Mmbtu					Texas Eastern Transmission Corp	N/A	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TETCO WLA	ICE	Phys	ID	USD/Mmbtu	GDD		Platt's Gas Daily		Texas Eastern Transmission Corp	N/A	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TETCO WLA	ICE	Phys	ID	USD/Mmbtu	IF		Platt's Inside FERC		Texas Eastern Transmission Corp	N/A	Texas Eastern FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TGP - 500L	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Tennessee Gas Pipeline Co	N/A	Tennessee FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TGP - 500L	ICE	Phys	FP	USD/MMBtu					Tennessee Gas Pipeline Co	N/A	Tennessee FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TGP - 500L	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Tennessee Gas Pipeline Co	N/A	Tennessee FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TGP - 500L	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Tennessee Gas Pipeline Co	N/A	Tennessee FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, BS, LD1	TGP - 800L	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Tennessee Gas Pipeline Co	N/A	Tennessee FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TGP - 800L	ICE	Phys	FP	USD/MMBtu					Tennessee Gas Pipeline Co	N/A	Tennessee FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TGP - 800L	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Tennessee Gas Pipeline Co	N/A	Tennessee FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TGP - 800L	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Tennessee Gas Pipeline Co	N/A	Tennessee FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TGP-Z0 North	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Tennessee Gas Pipeline Co	N/A	Tennessee Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TGP-Z0 North	ICE	Phys	FP	USD/MMBtu					Tennessee Gas Pipeline Co	N/A	Tennessee Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TGP-Z0 North	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Tennessee Gas Pipeline Co	N/A	Tennessee Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TGP-Z0 North	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Tennessee Gas Pipeline Co	N/A	Tennessee Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TGP-Z0 South	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Tennessee Gas Pipeline Co	N/A	Tennessee Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TGP-Z0 South	ICE	Phys	FP	USD/MMBtu					Tennessee Gas Pipeline Co	N/A	Tennessee Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TGP-Z0 South	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Tennessee Gas Pipeline Co	N/A	Tennessee Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TGP-Z0 South	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Tennessee Gas Pipeline Co	N/A	Tennessee Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TGT - Mainline	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TGT - Mainline	ICE	Phys	FP	USD/MMBtu					Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TGT - Mainline	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TGT - Mainline	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	TGT - N. La	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TGT - N. La	ICE	Phys	FP	USD/MMBtu					Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TGT - N. La	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TGT - N. La	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	TGT - SL	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

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NG Phys FUT, BS, LD1	TGT - SL	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	TGT - SL	ICE	Phys	FP	USD/MMBtu					Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	TGT - SL	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Texas Gas Transmission Corp	N/A	Texas Gas Transmission FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG, Phys FUT, BS, LD1	Transco-River Road	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG, Phys, FUT, FP	Transco-River Road	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG, Phys, FUT, ID, GDD	Transco-River Road	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG, Phys, FUT, ID, IF	Transco-River Road	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Transco - Z6 NNY	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Transco - Z6 NNY	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Transco - Z6 NNY	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Transco - Z6 NNY	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Transco - Z6 NNY (North)	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Transco - Z6 NNY (North)	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Transco - Z6 NNY (North)	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Transco - Z6 NNY (North)	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Transco - 6 NY	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Transco - 6 NY	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Transco - 6 NY	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Transco - 6 NY	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Transco - 65	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Transco - 65	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Assigned Delivery	Tariff	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Contract Size (MMBtu)	Minimum Futures-Block Transaction Size (MMBtu)
NG Phys Fut, ID, GDD	Transco-65 (65 id)	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys Fut, ID, IF	Transco-65 (65 id)	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Transco - 65 (z3 id)	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Transco - 65 (z3 id)	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Transco - 85	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Transco - 85	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Transco - 85	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Transco - 85	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Transco - Station 30	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Transco - Station 30	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Transco - Station 30	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Transco - Station 30	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Transco - Z5 South	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Transco - Z5 South	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Transco - Z5 South	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Transco - Z5 South	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Transco-Z6 (NON-NY NORTH ML)	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Transco-Z6 (NON-NY NORTH ML)	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Transco-Z6 (NON-NY NORTH ML)	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Transco-Z6 (NON-NY NORTH ML)	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Transcontinental Gas Pipeline Corporation	Yes	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Transco-Z6 Sta-210	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Assigned Delivery	Tariff	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Contract Size (MMBtu)	Minimum Futures-Block Transaction Size (MMBtu)
NG Phys FUT, FP	Transco-Z6 Sta-210	ICE	Phys	FP	USD/MMBtu					Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Transco-Z6 Sta-210	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Transco-Z6 Sta-210	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		Transcontinental Gas Pipeline Corporation	N/A	Transco FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Trunkline ELA	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Trunkline ELA	ICE	Phys	FP	USD/MMBtu					Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Trunkline ELA	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Trunkline ELA	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Trunkline WLA	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Trunkline WLA	ICE	Phys	FP	USD/MMBtu					Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Trunkline WLA	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Trunkline WLA	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Trunkline Z1A	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Trunkline Z1A	ICE	Phys	FP	USD/MMBtu					Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Trunkline Z1A	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Trunkline Z1A	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Trunkline Gas Co.	N/A	Trunkline Gas Pipeline Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	Waha	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Enterprise Pipeline	Yes	Enterprise Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	Waha	ICE	Phys	FP	USD/MMBtu					Enterprise Pipeline	Yes	Enterprise Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	Waha	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		Enterprise Pipeline	Yes	Enterprise Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, IF	Waha	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside FERC		Enterprise Pipeline	Yes	Enterprise Pipeline FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, BS, LD1	White River Hub	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		MountainWest Pipeline, LLC	Yes	White River Hub, LLC	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, FP	White River Hub	ICE	Phys	FP	USD/MMBtu					MountainWest Pipeline, LLC	Yes	White River Hub, LLC	Physically Settled Future	Physically Settled Future	100	1
NG Phys FUT, ID, GDD	White River Hub	ICE	Phys	ID	USD/MMBtu	GDD		Platts Gas Daily		MountainWest Pipeline, LLC	Yes	White River Hub, LLC	Physically Settled Future	Physically Settled Future	100	1

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Hub Operator or U.S. Hub Operator	Assigned Delivery	Tariff	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Contract Size (MMBtu)	Minimum Futures-Block Transaction Size (MMBtu)
NG Phys FUT, ID, IF	White River Hub	ICE	Phys	ID	USD/MMBtu	IF		Platts Inside Ferc		MountainWest Pipeline, LLC	Yes	White River Hub, LL	Physically Settled Future	Physically Settled Future	100	1

**TOTAL U.S. Physical
Natgas Futures**

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ICE NGX ELECTRICITY PRODUCTS - CANADA

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Accessed via Web/ICE and trades/Clears as NGX;	OTC Clears thru DCO As (EFRP)	Contract Size (MW per contract hour)	Minimum Futures- Block Transaction Size (MW per contract hour)
NGX Fin FUT FF, FP for AESO Ext Off Peak	AB Ext Off Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin FUT FF, FP for AESO Ext Peak	AB Ext Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin FUT IS Ext Peak, AESO for RRO	AB Ext Peak Index	NGX	Fin	ID-DS	CAD/MWh	AEFP	ICE NGX Alberta Extended Peak Electricity	AESO	Exchange's Website	Financially Settled Future	Financially Settled Future	5	1
NGX Fin FUT FF, FP for AESO Flat	AB Flat	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin FUT IS Flat, AESO for RRO	AB Flat Index	NGX	Fin	ID-DS	CAD/MWh	AEFP	ICE NGX Alberta Flat Electricity RRO	AESO	Exchange's Website	Financially Settled Future	Financially Settled Future	5	1
NGX Fin FUT FF, FP for AESO Off Peak	AB Off Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin FUT FF, FP for AESO On Peak	AB On Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin FUT FF, FP for AESO Super Peak	AB Super Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Ontario Zonal Price - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Ontario Zonal Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Ontario Zonal Price - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Ontario Zonal Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Northwest Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Northwest Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Northwest Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Northwest Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Northeast Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Northeast Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Northeast Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Northeast Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Essa Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Essa Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Essa Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Essa Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO East Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO East Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO East Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO East Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Ottawa Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Ottawa Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Ottawa Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Ottawa Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Southwest Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Southwest Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Southwest Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Southwest Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Toronto Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Toronto Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Toronto Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Toronto Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Niagara Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Niagara Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO Niagara Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Niagara Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO West Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO West Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Off Peak Futures	IESO West Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO West Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Ontario Zonal Price - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Ontario Zonal Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Ontario Zonal Price - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Ontario Zonal Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Northwest Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Northwest Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Northwest Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Northwest Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Northeast Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Northeast Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Northeast Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Northeast Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Essa Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Essa Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Essa Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Essa Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO East Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO East Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO East Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO East Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Ottawa Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Ottawa Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Ottawa Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Ottawa Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Extended Peak Futures	IESO Southwest Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Southwest Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Contract Size (MW per contract hour)	Minimum Futures- Block Transaction Size (MW per contract hour)
NGX Fin Off Peak Futures	IESO Niagara Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Niagara Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Off Peak Futures	IESO Niagara Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Niagara Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Off Peak Futures	IESO West Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO West Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin Off Peak Futures	IESO West Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO West Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Ontario Zonal Price - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Ontario Zonal Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Ontario Zonal Price - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Ontario Zonal Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Northwest Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Northwest Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Northwest Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Northwest Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Northeast Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Northeast Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Northeast Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Northeast Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Essa Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Essa Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Essa Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Essa Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO East Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO East Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO East Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO East Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Ottawa Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Ottawa Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Ottawa Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Ottawa Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Southwest Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Southwest Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Southwest Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Southwest Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Toronto Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Toronto Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Toronto Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Toronto Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Niagara Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO Niagara Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO Niagara Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO Niagara Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO West Hub - Day Ahead	NGX	Fin	FP-DS	CAD/MWh		IESO West Hub Day Ahead Price		IESO	Financially Settled Future	Financially Settled Future	5	1
NGX Fin ON Peak Futures	IESO West Hub - Real Time	NGX	Fin	FP-DS	CAD/MWh		IESO West Hub Real Time Price		IESO	Financially Settled Future	Financially Settled Future	5	1

TOTAL CAD Electricity Financial Futures

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit / Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publicati on	Hub Operator or U.S. Hub Operator	Tariff	Accessed via WebICE and trades / Clears as NGX:	OTC Clears thru DCO as: (EFRP)	Contract Size (MW per contract hour)	Minimum Futures Block Transaction Size (MW per contract hour)
Phys FUT, HR, HE 7-11	South 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, HE 7-11	Houston 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, HE 7-11	West 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Peak	North 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Peak	South 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Peak	Houston 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Peak	West 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Peak	Panhandle 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Pk Wknd	North 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Pk Wknd	South 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Pk Wknd	Houston 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Pk Wknd	West 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Off Pk Wknd	Panhandle 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Peak	North 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Peak	South 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Peak	Houston 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Peak	West 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Peak	Panhandle 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, Peak 7x	North 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, WRAP	North 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, WRAP	South 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, WRAP	Houston 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, WRAP	West 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, HR, WRAP	Panhandle 345kV Hub	ICE	Phys	HR	MMbtu/MWh	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, Multiple Products Spread (Date)	Multiple Locations	ICE	Phys	FP or HR	USD/HWH	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1
Phys FUT, Multiple Products Spread (Location)	Location 1/Location2	ICE	Phys	FP or HR	USD/HWH	NYMEX NG		NYMEX last day		ERCOT	ERCOT Protocols	Physically Settled Future	Physically Settled Future	50	1

TOTAL US Physical Financial Futures

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ICE NGX ENVIRONMENTAL PRODUCTS

Product Name on ICE	Hub Name	NGX Product = NGX; NGX Cleared Product = ICE	Phys or Fin	Product Type	Unit/ Currency	Floating Price - Index 1	Floating Price - Index 2	Index 1 Publication	Index 2 Publication	Registry	Assigned Delivery	Regulation	XML Instrument Description	Commodity Code	Market Code	Market Description	Market Name	Commodity Type	Price Unit	Currency	Primary Index	Secondary Index	Commodity	Pipeline Point (NGX)	Accessed via WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	NGX Bilateral trades on NGX as:	Contract Size (Lots)	Minimum Futures: Block Transaction (Lots)
PHYSICAL FUTURES																													
NGX Phys	AEO	NGX	Phys	FP	CAD/Lot 1 Lot = 1,000 Offsets	-	-	-	-	Alberta Offset Registry	No	TIER							1 Lot = 1,000 Offsets	CAD	-	-		Physically Settled Future	Physically Settled Future	N/A	1	1	
NGX Phys	AEPC	NGX	Phys	FP	CAD/Lot 1 Lot = 1,000 EPCs	-	-	-	-	Alberta EPC Registry	No	TIER							1 Lot = 1,000 EPCs	CAD	-	-		Physically Settled Future	Physically Settled Future	N/A	1	1	