



DATE: October 13, 2023

TO: ICE NGX Contracting Parties

RE: Notice of Amendment to the ICE NGX Contracting Party Agreement (“CPA”)

ICE NGX Canada Inc. (“ICE NGX”) is hereby providing notice, in accordance with the CPA, of amendments to the Terms and Conditions and/or Schedules of the CPA as summarized in the chart below.

A blackline of the CPA showing the amendments is included for your convenience but should not be relied on as authoritative (*insertions are underlined; deletions are struck through*).

Article or Schedule	Amendments	Effective Date						
Terms and Conditions								
Article 5 - Recourse and Liability	ICE NGX is adding Section 5.8.h. to explicitly state that ICE NGX will not be liable as a result of any action or inaction of a governmental authority, including an action or inaction that changes the terms, pricing or express or implied value of the underlying commodity of any Transaction or Physically Settled Futures Product or Financially Settled Futures Product.	October 23, 2023 <i>(or such later date as may be designated by ICE NGX)</i>						
Article 6 - Emergency Authority	ICE NGX is amending Section 6.6a. to update the description of an emergency situation and ICE NGX’s authority to declare an emergency authority. The Amendments to section 6.6.b. update and clarify the actions that ICE NGX is authorized to take if an emergency situation is declared.	October 23, 2023 <i>(or such later date as may be designated by ICE NGX)</i>						
Schedule “D” - ICE NGX Product List								
ICE NGX Natural Gas Products - U.S.	ICE NGX is adding two New Futures Contracts: <table border="1" data-bbox="462 1495 1135 1593"> <thead> <tr> <th>New Product Name</th> <th>New Hub Name</th> </tr> </thead> <tbody> <tr> <td>NG Phys Fut, ID, GDD</td> <td>Transco-65 (65 id)</td> </tr> <tr> <td>NG Phys Fut, IID, IF</td> <td>Transco-65 (65 id)</td> </tr> </tbody> </table>	New Product Name	New Hub Name	NG Phys Fut, ID, GDD	Transco-65 (65 id)	NG Phys Fut, IID, IF	Transco-65 (65 id)	October 23, 2023 <i>(or such later date as may be designated by ICE NGX)</i>
New Product Name	New Hub Name							
NG Phys Fut, ID, GDD	Transco-65 (65 id)							
NG Phys Fut, IID, IF	Transco-65 (65 id)							
ICE NGX Natural Gas Products - U.S.	ICE NGX is renaming two existing physically settled natural gas contracts: <table border="1" data-bbox="462 1766 1135 1829"> <thead> <tr> <th>Product Name</th> <th>Current Hub Name</th> <th>New Hub Name</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Product Name	Current Hub Name	New Hub Name				October 23, 2023 <i>(or such later date as may be designated by ICE NGX)</i>
Product Name	Current Hub Name	New Hub Name						



	NG Phys Fut, ID, GDD	Transco-65	Transco-65 (Z3 id)	
	NG Phys Fut, IID, IF	Transco-65	Transco-65 (Z3 id)	

For more information, please contact:

ICE NGX Legal
Legal-ICENGX@ice.com

ICE NGX Canada Inc. is a recognized exchange and clearing agency in the Province of Alberta. ICE NGX continues to hold exemptive relief orders in certain other provinces. This documentation has not been approved by any regulatory authority.

ICE NGX is registered as a Derivatives Clearing Organization and as a Foreign Board of Trade (“FBOT”) in the United States.

RISK DISCLOSURE STATEMENT

The risk of loss in entering into Transactions pursuant to the Agreement can be substantial. Consideration should be given to numerous factors, including the fact that Collateral may be applied against losses. Failure to provide additional Eligible Collateral Support when required may result in the liquidation of a position reflected by any Transaction. Under certain market conditions, it may be difficult or impossible to liquidate a position. The use of leverage can lead to large losses as well as gains. This brief statement is not intended to disclose all significant risks of the natural gas and power markets and Contracting Parties should carefully study commodity physicals, futures and swap trading and seek advice from their advisor(s).

TABLE OF CONTENTS

ARTICLE 1 - INTERPRETATION	1
1.1 General	1
1.2 Definitions	2
1.3 Interpretation	16
1.4 Miscellaneous	17
1.5 Representations and Warranties	18
1.6 Standard Contracting Party Agreement	18
1.7 ICE Participant Agreement	18
1.8 Non-contra Proferentum	18
1.9 Taxes on Services	18
ARTICLE 2 - REPRESENTATIONS AND WARRANTIES	19
2.1 Of the Contracting Party: General	19
2.2 Of the Credit Support Provider: General	19
2.3 Of the Contracting Party: Qualification and Status	19
2.4 Of Exchange: General	20
2.5 Representations Repeated	20
2.6 Additional Representations of the Contracting Party	20
2.7 No Reliance	21
ARTICLE 3 – GENERAL	23
3.1 Application, Participation and Access	23
3.2 Agreements of the Contracting Party	24
3.3 Eligible Collateral Support and Collateral	30
3.4 Agreements of Exchange	33
3.5 ICE NGX Financial Power Auction System	36
3.6 Open Position Limits	36
3.7 Trades in Error	36
3.8 Market Makers and Liquidity Providers	37
3.9 Contracting Party Event of Default	38
3.10 Exchange Bankruptcy Event of Default	39
3.11 Required Information and Required Notices to Exchange	40
ARTICLE 4 - PHYSICALLY SETTLED FUTURES TRANSACTIONS AND PHYSICALLY SETTLED FUTURES PRODUCTS	42
4.1 Physically Settled Gas Futures Products - General	42
4.2 Physically Settled Power Futures Products - General	43
ARTICLE 5 - RECOURSE AND LIABILITY	45
5.1 Failure to Deliver	45
5.2 Failure to Pay	46
5.3 Failure to Take	47
5.4 Failure to Provide Eligible Collateral Support	48
5.5 Rights of Exchange in Physically Settled Futures Transactions	49
5.6 Liquidation Procedure	50
5.7 Full Satisfaction	51
5.8 Limitations on Liability	51
5.9 No Indirect Damages	52
5.10 GST on Damages	52
5.11 Deposit Agreement	53 52
5.12 Indices	54
5.13 Remedies Upon an Unremedied Exchange Default or Exchange Bankruptcy Event of Default	54

5.14	Interpretation in relation to the U.S. Federal Deposit Insurance Exchange Improvement Act of 1991, as amended (“FDICIA”)	56
ARTICLE 6 –	REGULATORY AND COMPLIANCE	57
6.1	Prohibitions	57
6.2	Investigations and Disciplinary Proceedings	57
6.3	Hearings	58
6.4	Additional Remedies Available to Exchange.....	59
6.5	Summary Sanctions.....	60
6.6	Emergency Authority.....	61
6.7	Liability for Expenses	62 61
ARTICLE 7 -	INVOICES AND TAXES	63 62
7.1	Invoices	63 62
7.2	Payment of Invoices.....	66 65
7.3	GST	67 66
7.4	Banking Instructions	67 66
7.5	Tax Legislation	67 66
7.6	Taxes.....	68 67
ARTICLE 8 –	FINANCIALLY SETTLED FUTURES PRODUCTS AND OPTION PRODUCTS	69 68
8.1	Financially Settled Futures Products, and Option Products – General.....	69 68
8.2	Rights of Exchange	70 69
8.3	Close-out Procedure.....	71 70
ARTICLE 9 -	MISCELLANEOUS.....	72 71
9.1	Term.....	72 71
9.2	Notices	73 72
9.3	Interest on Payments in Arrears	73 72
9.4	Relationship of Parties	73 72
9.5	Trading Information.....	74 73
9.6	Assignment	74 73
9.7	General.....	74 73

SCHEDULES:

- Schedule “A” - Fee Schedule
- Schedule “B” - Mediation and Arbitration
- Schedule “C” - Risk Management Policy
- Schedule “D” - ICE NGX Product List
- Schedule “E” - Natural Gas Options and Gas and Power Financially Settled Futures Transactions
- Schedule “F” - Physically Settled Gas Futures Transactions – Canadian Delivery Points
- Schedule “G” - Physically Settled Gas Futures Transactions – U.S. Delivery Points
- Schedule “H” - Reserved
- Schedule “I” - Forward (Bilateral) Transactions
- Schedule “J” - Physically Settled Gas Futures Transactions – U.S. Delivery Points with Assigned Delivery
- Schedule “K” - Physically Settled Power Futures Transactions – U.S. Delivery Points

TERMS AND CONDITIONS

ARTICLE 1 - INTERPRETATION

1.1 General

- a. Incorporation into Agreement - The Terms and Conditions have been incorporated as part of the Agreement between the Contracting Party and Exchange. The following Schedules attached hereto are also incorporated as part of the Agreement:

Schedule "A"	-	Fee Schedule
Schedule "B"	-	Mediation and Arbitration
Schedule "C"	-	Risk Management Policy
Schedule "D"	-	ICE NGX Product List
Schedule "E"	-	Natural Gas Options and Gas and Power Financially Settled Futures Transactions
Schedule "F"	-	Physically Settled Gas Futures Transactions – Canadian Delivery Points
Schedule "G"	-	Physically Settled Gas Futures Transactions – U.S. Delivery Points
Schedule "H"	-	Reserved
Schedule "I"	-	Forward (Bilateral) Transactions
Schedule "J"	-	Physically Settled Gas Futures Transactions – U.S. Delivery Points with Assigned Delivery
Schedule "K"	-	Physically Settled Power Futures Transactions – U.S. Delivery Points

To the extent that any Schedule (including, without limitation, any appendices thereto) conflicts with these Terms and Conditions, these Terms and Conditions shall prevail.

- b. Revision of Agreement - The Terms and Conditions and Schedules may be revised from time to time by Exchange upon notice to the Contracting Party.
- c. Effective Date of Revisions to Agreement - Revisions to the Terms and Conditions and Schedules will be effective
- (i) six (6) Business Days following notice in accordance with this Section 1.1; or
 - (ii) at such later date as may be designated as the Revision Effective Date (defined in Section 1.1), or as may be otherwise designated in such notice, or
 - (iii) at such earlier date as may be required for compliance with applicable laws or regulations, to protect the integrity of the ICE NGX Trading System or ICE NGX Clearing System or for the correction of errors,

provided that any such revisions which alter adversely any rights, benefits, liabilities or Obligations of any Contracting Party, except to the extent required by applicable law or regulation, shall not be effective in respect of Transactions which are not then fully performed. Revisions to this Agreement result in the Contracting Party having certain rights of termination of this Agreement as more particularly set forth in Section 9.1.

- d. Notice of Revisions to Agreement - Notice of revisions to the Terms and Conditions and Schedules shall be sufficiently given by ICE NGX (a) providing the revisions to the Terms and Conditions and Schedule (the "Revisions") and a notice summarizing the revisions (a "Summary Notice") to the Contracting Party by email and (b) posting the Revisions and Summary Notice on Exchange's Website in a publicly accessible location.
- e. Revision Date – Any section of the Agreement which is revised from time to time will contain a revision date set forth below the applicable section which will be the effective date of such revision(s) (the "Revision

Effective Date”) having accounted for the notice requirements in Section 1.1. A Revision Effective Date may be deleted from copies of the Agreement which are distributed ninety (90) days following any such Revision Effective Date.

1.2 Definitions

Capitalized words and phrases used herein shall for all purposes of this Agreement (unless there is something in the subject matter or context inconsistent therewith) have the meanings set out below or the meanings set forth in the specific section in which they are used herein:

“Administrator” means such person(s) designated by each Contracting Party in accordance with Section 3.2 who are (i) authorized to designate employees, consultants and agents who are authorized to enter into Transactions for trading and/or clearing on behalf of the Contracting Party and thus bind the Contracting Party to their respective Obligations and (ii) are designated as an “Administrator” for this purpose;

“Agreement” means, collectively, the Execution Page, the Terms and Conditions and all Schedules, each as may be amended, restated or replaced from time to time in accordance with this Agreement;

“Applicant” means an entity submitting an Application to become a Contracting Party;

“Application” means the application in the form prescribed by Exchange and supporting financial and any other information provided to Exchange by an Applicant at Exchange’s request as a precondition to becoming qualified by Exchange prior to entering into this Agreement;

“Approved Financial Institution” means any bank approved by Exchange in accordance with its credit review procedures or policies;

“Arbitration” means the procedure described in Schedule “B”;

“Authorized Representatives” has the meaning ascribed thereto in Section 3.2;

“Authorized Users” means the employees of the Contracting Party who have been identified as Authorized Users to the Exchange and who have access to and can use the ICE NGX Data Products as set forth in this Agreement;

“Available Margin Limit” has the meaning ascribed thereto in Schedule “C”;

“Block Transaction” has the meaning ascribed thereto in Section 3.2;

“Business Day” means any day except Saturday, Sunday and statutory holidays in the Province of Alberta, except when referred to in the context of a Physically Settled Power Futures Product with U.S. Delivery Points and Physically Settled Gas Futures Products with U.S. Delivery Points, where Business Day shall mean any day except Saturday, Sunday and any day upon which federal reserve banks are closed for regular business;

“Buyer” means a Contracting Party or Exchange as applicable that has entered into

- (i) a Physically Settled Futures Transaction and is obligated to take delivery of the applicable Contract Quantity pursuant to the terms of that Transaction and this Agreement; or
- (ii) a Financially Settled Futures Transaction as the Fixed Price Payer under that Transaction;

“CAD Bank Rate” means, with respect to any Business Day, a rate per annum equal to the top rate of the operating band for the Bank of Canada on the date of determination as published by the Bank of Canada on

its website, currently at <https://www.bankofcanada.ca/>, or any successor source identified as such by the Bank of Canada from time to time.

“Call Option” means an option obligating the Option Buyer to cause an Underlying Futures Transaction to become effective if the relevant Option Exercise Conditions have, or deemed to have, been met (the “Exercise”) such that the Option Buyer becomes the buyer in the Underlying Transaction (the Buyer if a Physically Settled Futures Transaction or Financially Settled Futures Transaction and the Fixed Price Payer if a Financially Settled Futures Transaction) and, as of the Exercise, the terms and conditions applicable to such Underlying Transaction govern, all of which shall correspond to, have the particulars and will be referred to in all trading and other information generated on the ICE NGX Trading System and ICE NGX Clearing System by one of the designations set forth in Schedule “E”, and which option may be available on the ICE NGX Trading System or ICE NGX Clearing System from time to time;

“Canadian dollar” or “\$” or “CAD” means the lawful currency of Canada;

“Cash Collateral” means, in respect of a Contracting Party, all cash in the Contracting Party’s Cash Collateral Account including

- (i) all cash delivered by or on behalf of the Contracting Party to Exchange as Eligible Collateral Support,
- (ii) all amounts paid into the Cash Collateral Account by Exchange in settlement of Daily Financially Settled Futures Settlement Amounts, MTM Settlement Amounts, Cash Settlement Amounts and/or Futures Clearing Amounts owing to the Contracting Party, and
- (iii) Contracting Party Interest amounts deposited by Exchange into the Cash Collateral Account;

“Cash Collateral Account” means an interest-bearing deposit account in the name of the Exchange at Exchange’s Principal Banker and bearing a FBO or similar designation to signify that cash in the account is attributable to the Contracting Party;

“Cash Settlement Amount” means the amount payable on the Settlement Date as more particularly described in Schedule “E”;

“Cash Settlement Date” means, for each Financially Settled Futures Transaction, the Business Day determined by Exchange from time to time in accordance with industry practice for such Transaction, as posted on Exchange’s Website not less than one month prior to the occurrence of such date, other than Invoices issued as a result of a Contracting Party’s Default or under the Close-out Procedure which amounts require payment immediately;

“Chief Compliance Officer” shall have the meaning set out in Section 6.2 of these Terms and Conditions;

“Close-out Procedure” means the procedure outlined in Section 8.3 pursuant to which the Exchange may enter into Option Transactions or any Financially Settled Futures Transaction, as the case may be, to Set-Off, in whole or in part, the Obligations of the Defaulting Party under Option Transactions or Financially Settled Futures Transactions;

“Collateral” has the meaning set forth in Section 3.3;

“Confirmation” means any Physically Settled Gas Futures Confirmation, Physically Settled Power Futures Confirmation, Financially Settled Futures Confirmation, Option Confirmation, EFRP Confirmation or Forward Confirmation;

“Contract Quantity” means the total quantity of gas or Physical Power to be delivered or taken during the term of a Physically Settled Futures Transaction;

“Contracting Party” means the party, other than Exchange, who has become an approved participant on Exchange, and has entered into this Agreement, and “Contracting Parties” means all parties, including the Contracting Party, which have entered into a Contracting Party Agreement;

“Contracting Party Affiliate” means, in relation to the Contracting Party (the “First Contracting Party”),

- (i) any other Contracting Party (an “OCP”) that is controlled, directly or indirectly, by the First Contracting Party,
- (ii) any OCP that controls, directly or indirectly, the First Contracting Party, or
- (iii) any OCP directly or indirectly under common control with the First Contracting Party,

each except as may be waived by Exchange pursuant to Exchange’s written consent; or

- (iv) any other OCP affiliated with the Contracting Party that does not otherwise qualify under this definition if agreed to in writing by Exchange, the OCP and the First Contracting Party.

For the purpose of the definition of a Contracting Party Affiliate, a person or company is considered to “control” a Contracting Party if

- (i) the person or company beneficially owns, or directly or indirectly controls, a majority of the voting power of the Contracting Party,
- (ii) the Contracting Party is a partnership other than a limited partnership, and the person or company owns, directly or indirectly, more than 50% of the interests of the partnership;
- (iii) the Contracting Party is a limited partnership, and the person or company is the general partner of the limited partnership, or
- (iv) the Contracting Party is a trust, and the person or company is a trustee of the trust;

“Contracting Party Affiliate Default” means a Default by a Contracting Party Affiliate under a Contracting Party Agreement;

“Contracting Party Agreement” has the meaning set forth in Section 1.6;

“Contracting Party Suspension” means one or more of the cancellation of any or all Orders of the Contracting Party regarding a Product and the termination of access to the ICE NGX Trading System and the ICE NGX Clearing System of the Contracting Party in relation to any or all Products;

“Credit Support Document” means any agreement or instrument provided by the Contracting Party or any Credit Support Provider as, or in relation to, Collateral, including, without limitation, in relation to the provision of Eligible Collateral Support or the establishment or maintenance of any Lien;

“Credit Support Provider” means any person other than the Contracting Party or its Contracting Party Affiliate which provides Collateral for the Obligations of the Contracting Party or which guarantees the Obligations of the Contracting Party;

“Critical ICE NGX Trading System Issue” means any event or events that cause the ICE NGX Trading System to be unavailable to multiple Contracting Parties, or an action by Exchange to make the ICE NGX Trading System unavailable to all Contracting Parties, for a consecutive three minute period during any Trading Day, and a “Non-Critical ICE NGX Trading System Issue” means any ICE NGX Trading System issue that is not a Critical ICE NGX Trading System Issue;

“Current Market Price” means, for any ICE NGX Product, an amount determined at a particular point in time by Exchange in its sole discretion;

“Current Month Accounts Net Payable” has the meaning ascribed thereto in Schedule “C”;

“Daily Contract Quantity” or “DCQ” means the quantity of gas to be delivered or taken during each Delivery Day of a Physically Settled Gas Futures Transaction, including applicable Same-Day Delivery Tenors;

“Daily Financially Settled Futures” means a Futures Product which is designated as “DS” as well as “Fin” in the ICE NGX Product List and may be made available on the ICE NGX Trading System, and which must be cleared on the ICE NGX Clearing System from time to time with such further particulars as applicable to such Product as set forth in the ICE NGX Product List and in Schedule “E”;

“Daily Financially Settled Futures Settlement Amount” means the amount payable by or to a Contracting Party with respect to a Daily Financially Settled Futures Transaction as set forth in Schedule “E”;

“Daily Financially Settled Futures Settlement Net Payable” has the meaning ascribed thereto in Schedule “C”;

“Daily Financially Settled Futures Transaction” means a transaction for the purchase or sale of a Daily Financially Settled Futures, excluding Forward Transactions, the terms of which shall include this Agreement and for greater certainty also includes the particulars applicable to such Products as set forth in the ICE NGX Product List and Schedule “E”;

“Default” means, with respect to a Contracting Party, any of the following:

- (i) any one or more of a Failure to Deliver, Failure to Pay, Failure to Take, Failure to Provide Eligible Collateral Support, Financially Settled Futures Party’s Default, or Option Party’s Default by the Contracting Party or a Contracting Party Affiliate Default of any of its Contracting Party Affiliates, and
- (ii) with respect to a Physically Settled Power Futures Transaction, in addition to the events listed in paragraph (i), as determined by Exchange pursuant to Schedule “K”;

“Default Rate” means a fluctuating interest rate equal to the CAD Bank Rate (for Canadian dollar Invoices) or U.S. Fed Funds Rate (for U.S. dollar Invoices) from time to time plus five and one quarter percent (5.25%) per annum; provided, however, that the Default Rate shall never exceed the maximum lawful rate;

“Defaulting Financially Settled Futures Party” means the Contracting Party in respect of which a Financially Settled Futures Party’s Default or other Default has occurred under this Agreement;

“Defaulting Option Party” means the Contracting Party in respect of which an Option Party’s Default or other Default has occurred under this Agreement;

“Defaulting Party” means a Contracting Party in respect of which a Default has occurred or an Event of Default has been declared;

“Delivery Day” means a day, commencing at a particular time on one day and ending at a particular time on the next day, such time being dependent upon the applicable Transportation System at the Delivery Point on which gas is to be delivered or taken as required by a Physically Settled Gas Futures Transaction;

“Delivery Point” means, for a Physically Settled Futures Transaction, the location at which the parties to such Transaction have agreed to transfer title to, deliver and take the gas or Physical Power subject to such Transaction, being the transfer point as designated by the applicable Transportation System or, in the case of

a Physically Settled Power Futures Transaction, by the applicable Transmission Provider, for the Delivery Point;

“Deposit Agreement” means the agreement made effective December 15, 2022 between Exchange and the Escrow Agent, as amended or restated from time to time;

“Disciplinary Committee” has the meaning set out in Section 6.2;

“Eligible Collateral Support” has the meaning ascribed thereto in Section 3.3;

“Escrow Agent” means the trustee under the Deposit Agreement;

“Event of Default” has the meaning set out in Section 3.9;

“Exchange” means ICE NGX Canada Inc., a body corporate with offices, and carrying on business, in Calgary, Alberta and any successors thereto;

“Exchange Bankruptcy Event of Default” means the occurrence of any of the events set forth in Section 3.10;

“Exchange Default” means the failure by Exchange to perform any of its Obligations in respect of any Transaction with the Contracting Party that is not an Unremedied Exchange Default;

“Exchange Letter of Credit” means the letter of credit provided for the benefit of Contracting Parties who have entered into Transactions, which has been deposited with the Escrow Agent pursuant to the provisions of the Deposit Agreement;

“Exchange Letter of Credit Issuing Bank” means Royal Bank of Canada;

“EFRP Confirmation” means the notification by Exchange as to any EFRP Transaction entered into by the Contracting Party which will include particulars of the EFRP Transaction;

“Exchange of Futures for Related Product Transactions” or “EFRP Transactions” has the meaning set out in Section 3.2;

“Exchange’s Principal Banker” means Royal Bank of Canada;

“Exchange’s Website” means a site owned and maintained by Exchange available on the internet at www.ice.com/ngx;

“Excise Tax Act” means the *Excise Tax Act* (Canada);

“Execution Page” means the execution page executed and delivered by the Contracting Party and Exchange pursuant to which the Contracting Party becomes a party to this Agreement;

“Failure Amount” means the difference between the amount payable on any Invoice and the amount actually paid on account of any such Invoice;

“Failure Quantity” means the difference between the Contract Quantity (or any portion thereof) to be delivered or received in accordance with a Physically Settled Futures Transaction and the quantity of the applicable commodity actually delivered or taken, in accordance with such Physically Settled Futures Transaction;

“Failure to Deliver” means

- (i) in the case of a Physically Settled Gas Futures Transaction the failure of a Seller or Exchange to make delivery of any portion of the Contract Quantity to be delivered in accordance with a Physically Settled Futures Transaction as determined by the applicable Transportation System and as more particularly set forth in Schedules “F”, “G”, or “J”, as applicable; and
- (ii) in the case of a Physically Settled Power Futures Transactions, a Failure to Schedule to Deliver;

“Failure to Pay” means the failure of a Contracting Party or Exchange to make payment of any amount under any Invoice issued in accordance with this Agreement;

“Failure to Provide Eligible Collateral Support” means the failure of a Contracting Party to provide Eligible Collateral Support when required in accordance with Section 3.3;

“Failure to Schedule to Deliver” means the failure, where such failure is not due to a Force Majeure Event (as such term is defined in Schedule “K”), of a Seller or Exchange to schedule to deliver at any time prior to 2:30pm Central Prevailing Time of the day following the Physical Power Delivery Date any portion of the Contract Quantity to be scheduled in accordance with a Physically Settled Power Futures Transaction as determined by the applicable Transmission Provider and as more particularly set forth in Schedule “K”;

“Failure to Schedule to Take” means the failure, where such failure is not due to a Force Majeure Event (as such term is defined in Schedule “K”), of a Buyer or Exchange to schedule to take at any time prior to 2:30pm Central Prevailing Time of the day following the Physical Power Delivery Date any portion of the Contract Quantity to be scheduled in accordance with a Physically Settled Power Futures Transaction as determined by the applicable Transmission Provider and as more particularly set forth in Schedule “K”;

“Failure to Take” means

- (i) in the case of a Physically Settled Gas Futures Transaction the failure of a Buyer or Exchange to take delivery of any portion of the Contract Quantity to be received in accordance with a Physically Settled Futures Transaction as determined by the applicable Transportation System and as more particularly set forth in Schedules “F”, “G”, or “J”, as applicable; and
- (ii) in the case of a Physically Settled Power Futures Transaction, a Failure to Schedule to Take;

“Fed Funds Rate” means, with respect to any Business Day, a rate per annum equal to the federal funds rate as published on the immediately preceding Business Day to the date of determination by the Federal Open Market Committee on the Board of Governors of the Federal Reserve System website, currently at <https://www.federalreserve.gov>, or any successor source identified as such by the Federal Open Market Committee from time to time;

“Financial Power Products” has the meaning ascribed thereto in Section 5.14;

“Financially Settled Futures Product” means a financially settled product which is designated as “Fin” in the ICE NGX Product List and may be made available on the ICE NGX Trading System, and which must be cleared on the ICE NGX Clearing System with such further particulars as are applicable in Schedule “E”;

“Financially Settled Futures Confirmation” means the notification by Exchange as to any Financially Settled Futures Transactions entered into by the Contracting Party on a day, which will include particulars of the Financially Settled Futures Product, including the Calculation Period, Effective Date, Fixed Price, Floating Price and Notional Quantity (all as defined in Schedule “E”);

“Financially Settled Futures Party” means a Contracting Party which has entered into a Financially Settled Futures Transaction with Exchange;

“Financially Settled Futures Party’s Default” means the occurrence of a material breach of a representation or warranty made herein by the Contracting Party or failure by the Contracting Party to perform any of its Obligations under a Financially Settled Futures Transaction;

“Financially Settled Futures Settlement Date” means, for each Financially Settled Futures Transaction, the Business Day determined by Exchange from time to time in accordance with industry practice for such Financially Settled Futures Transaction, as posted on Exchange’s Website not less than one month prior to the occurrence of such date, other than Invoices issued as a result of a Financially Settled Futures Party’s Default or under the Close-out Procedure which amounts require payment immediately;

“Financially Settled Futures Settlement Net Payable” has the meaning ascribed thereto in Schedule “C”;

“Financially Settled Futures Transaction” means a transaction for the purchase or sale of a Financially Settled Futures Product the terms of which shall include this Agreement and for greater certainty also includes the particulars applicable to such Financially Settled Futures Product as set forth in the ICE NGX Product List and Schedule “E”;

“Fixed Price Payer” means, in respect of a Financially Settled Futures Transaction in financial power, the party which is obligated to make payments of amounts calculated by reference to a Fixed Price, Notional Quantity and Calculation Period (all as defined in Schedule “E”), as more particularly set forth in Schedule “E”;

“Floating Price” has the meaning ascribed thereto in Schedule “E”;

“Floating Price Payer” means, in respect of a Financially Settled Futures Transaction in financial power, the party which is obligated to make payments from time to time of amounts calculated by reference to a Floating Price, Notional Quantity and Calculation Period (all as defined in Schedule “E”), as more particularly set forth in Schedule “E”;

“Forward Confirmation” means the notification by Exchange as to any Forward Transaction entered into by the Contracting Party on a day, which will include particulars of the respective Forward Transaction including, without limitation, the Purchase Price, Contract Quantity, Delivery Period, Delivery Point and Product;

“Forward Product” within the meaning of the Agreement, but not necessarily as defined under Canadian laws, means a contract or agreement of a commodity for deferred shipment or delivery upon which the Contracting Parties intend to physically settle;

“Forward Transaction” means a trade entered into from time to time directly between two Contracting Parties through the ICE NGX Trading System, pursuant to Schedule “I”, for the purchase or sale of any Forward Product, which trade is settled in accordance with the terms and conditions of the bilateral agreement between the two Contracting Parties and not cleared and settled through the ICE NGX Clearing System;

“Futures” within the meaning of the Agreement, but not necessarily as defined under the *Securities Act* (Alberta), means a contract or agreement for the delivery of a commodity in the future, at a price set at contract initiation, which can be used for hedging or assuming price risk and which can be settled by delivery or off-set, and which is required to be cleared by ICE NGX and can be either a “Physically Settled Futures Product” or a “Financially Settled Futures Product”;

“Gas Daily” means a publication entitled Platts Gas Daily published by Platts, a division of the McGraw-Hill Companies, Inc.;

“Gas Daily Absolute High” means the price indicated as Gas Daily Absolute High for the applicable gas day as published in Gas Daily;

“Gas Daily Absolute Low” means the price indicated as Gas Daily Absolute Low for the applicable gas day as published in Gas Daily;

“Gas Daily Midpoint” means the price indicated as Gas Daily Midpoint for the applicable gas day as published in Gas Daily;

“Gas Products” has the meaning ascribed thereto in Section 5.14;

“General Suspension” means the termination of access to the ICE NGX Trading System and/or ICE NGX Clearing System for all Contracting Parties in relation to some or all Products, whether on a temporary or longer basis;

“GST” means the goods and services tax imposed under the Excise Tax Act;

“Guarantee” has the meaning ascribed hereto in Section 3.3;

“Hearing Panel” means a panel comprised of three members appointed by the Chief Compliance Officer further described in Section 6.3;

“ICE” means Intercontinental Exchange, Inc. or any successors thereto;

“ICEBlock” means the component of the ICE Trading Platform that is the portal to the ICE NGX Clearing System and that is available to submit Exchange of Futures for Related Product Transactions provided under Section 3.2 and Block Transactions as provided under Section 3.2;

“ICEBlock Error Notice” means a notice received by Exchange from ICE with respect to an Off-Exchange Transaction submitted through ICEBlock, which requires Exchange to correct an error in the trade details or which requires the cancellation of the applicable Off-Exchange Cleared Transactions in each case such correction or cancellation arising under, and in accordance with, the terms of the applicable ICE agreements and procedures applicable to Off-Exchange Transactions submitted through ICEBlock;

“ICE NGX Cleared ICE Products” means all Products listed in the ICE NGX Product List that: (i) do not have the ICE NGX designation; and (ii) are offered for trading on the ICE Trading Platform and clearing on the ICE NGX Clearing System;

“ICE NGX Clearing System” means the electronic database system comprised of computer equipment, ICE NGX Clearing System Software and other terms and conditions provided in this Agreement for the purpose of facilitating the clearing of Transactions by Contracting Parties;

“ICE NGX Clearing System Software” means: (i) the computer programs including, without limitation, computer source code, computer object code, documentation, technical manuals, operation manuals, user manuals, and any other documents relating to program operation and maintenance that facilitate the clearing of Transactions entered into on the ICE NGX Trading System or ICE Trading Platform and related user documentation; (ii) any additional machine readable computer code or printed material not included in the foregoing from time to time provided by Exchange to the Contracting Party including third party software; and (iii) any alterations, modifications or enhancements to the computer programs installed by Exchange from time to time;

“ICE NGX Close-out Transactions” means, in respect of a Defaulting Financially Settled Futures Party, Financially Settled Futures Transactions entered into by Exchange on the ICE NGX Trading System or ICE Trading Platform, as applicable, or Financially Settled Futures Transactions entered into by Exchange off the ICE NGX Trading System or ICE Trading Platform, as applicable, which replace some or all of the Financially Settled Futures Transactions of such Defaulting Financially Settled Futures Party and offset, in whole or in part, each of the Financially Settled Futures Transactions of such Defaulting Financially Settled Futures Party, pursuant to the Close-out Procedure and, in respect of a Defaulting Option Party, Option

Transactions entered into by Exchange on the ICE NGX Trading System or ICE Trading Platform, as applicable, or Option Transactions entered into by Exchange off the ICE NGX Trading System or ICE Trading Platform, as applicable, which replace some or all of the Option Transactions of such Defaulting Option Party and offset, in whole or in part, each of the Option Transactions of such Defaulting Option Party, pursuant to the Close-out Procedure;

“ICE NGX Data Products” means any and all data or information that is not Trade Data but is used in relation to the ICE NGX Clearing Systems, the ICE Trading Platform and/or the ICE NGX Trading System, including, but not limited to data or information, resulting from or derived from usage of the Trade Data in relation to the ICE NGX Clearing Systems, the ICE Trading Platform and/or the ICE NGX Trading System;

“ICE NGX Financial Power Auction” means the auction process by which Contracting Parties submit bids and/or offers for the financial power or related Products being offered through the ICE NGX Financial Power Auction System;

“ICE NGX Financial Power Auction System” means the databases, computer systems, hardware, software and other terms and conditions provided in this Agreement, that enables an ICE NGX Financial Power Auction;

“ICE NGX Liquidation Transactions” means Physically Settled Futures Transactions entered into by Exchange on the ICE NGX Trading System or ICE Trading Platform, or physical transactions in the deliverable commodity entered into by Exchange outside of the ICE NGX Trading System or ICE Trading Platform, which offset, in whole or in part, the Obligations of a Contracting Party under its Physically Settled Futures Transactions pursuant to the Liquidation Procedure;

“ICE NGX Product List” means the product list set forth in Schedule “D”;

“ICE NGX Products” means all Products listed in the ICE NGX Product List that: (i) are designated as “ICE NGX”; and (ii) offered for trading on the ICE NGX Trading System and/or clearing on the ICE NGX Clearing System;

“ICE Trading Platform” means ICE’s trading platform as defined in the ICE Participant Agreement in respect of all products other than ICE NGX Products but, for greater clarity, excludes ICEBlock;

“ICE NGX Trading System” means the databases, computer systems, hardware and software that facilitate the entering into of Transactions and Forward Transactions of ICE NGX Products by the Contracting Parties including, without limitation, that portion of the ICE Trading Platform used to facilitate trading of ICE NGX Products but, for greater clarity, excludes ICEBlock;

“ICE-Originated Order” means an Order entered into on the ICE Trading Platform for an ICE Forward Product in natural gas or Physical Power with a U.S delivery point that may be automatically treated as, interact with, and be matched against a bid or offer for an ICE NGX Physically Settled Futures Product in natural gas or Physical Power, as applicable, with a U.S. delivery point if best execution would be not in an ICE Forward Product but in an ICE NGX Physically Settled Futures Product. An ICE-Originated Order is termed by the ICE Trading Platform to be a “Clearing Enabled Order”;

“ICE Participant Agreement” means the standard form agreement entered into between Intercontinental Exchange, Inc. and a Contracting Party, as amended, restated or replaced from time to time;

“Invoice” means the invoice or statement as to the amount payable by or owing to a Contracting Party in respect of Obligations as more particularly described in Article 5, Article 7 and the Schedules to this Agreement, as applicable;

“Lien” means a security interest, lien, mortgage, charge, pledge, hypothecation, right of Set-Off or assignment or transfer by way of security;

“Liquidation Procedure” means the procedure outlined in Section 5.6 pursuant to which Exchange may enter into Physically Settled Futures Transactions to Set-Off, in whole or in part, the Obligations of the Contracting Party under Physically Settled Futures Transactions;

“Margin Limit” has the meaning ascribed thereto in Schedule “C”;

“Mark-to-Market Settlement Amount” or “MTM Settlement Amount” means the amount payable by or to a Contracting Party with respect to a Financially Settled Futures Transaction as set forth in Schedule “E”;

“Market Price Band” means, for any ICE NGX Product, the amount expressed in dollars that is above or below the Current Market Price for any such ICE NGX Product as determined by Exchange in its sole discretion and as disclosed by Exchange through Exchange’s Website from time to time;

“Mediation” means the procedure described in Schedule “B”;

“Minimum Qualification Requirement” has the meaning described in Section 2.3;

“MTM Settlement Date” means for each Financially Settled Futures Transaction, the second Business Day following the date the applicable Mark-to-Market Settlement Amount (as set forth in Schedule “E”) has been determined (unless such MTM Settlement Date falls on a Recognized Banking Holiday, in which case the MTM Settlement Date shall be the next Business Day after the Recognized Banking Holiday), other than Invoices issued as a result of a Financially Settled Futures Party’s Default or under the Close-out Procedure which amounts require payment immediately;

“MTM Settlement Net Payable” has the meaning ascribed thereto in Schedule “C”;

“Obligations” means,

- (i) in the case of any Contracting Party, the payment and performance obligations of the Contracting Party, including (without limitation) in respect of a Guarantee of a Contracting Party Affiliate under Section 3.3.1, with respect to any Transaction or as otherwise applicable under this Agreement including arising from the Liquidation and Close-out Procedure, and
- (ii) in the case of Exchange, the payment and performance obligations of the Exchange with respect to any Transaction or as otherwise applicable under this Agreement;

“Off-Exchange Broker Representative” means any broker authorized by a Contracting Party, in accordance with the applicable ICE agreement(s) and procedures, to submit Off-Exchange Transactions on that Contracting Party’s behalf to Exchange for clearing in accordance with Section 3.2;

“Off-Exchange Transaction” has the meaning ascribed thereto in Section 3.2;

“Open Position Limit” means the maximum quantity of gas or power in respect of which the Contracting Party may incur obligations for payment for or deliveries or receipts of gas or Physical Power or for payment for financial power pursuant to any Transactions, as determined by Exchange for any Trading Day in respect of each Product;

“Option Buyer” means, in respect of an Option Transaction, the Contracting Party who has entered into an Option Transaction as the buyer of the relevant Option Product;

“Option Confirmation” means the notification by Exchange as to any Option Transaction entered into by a Contracting Party on a day, which will include the particulars of the Option Transaction, including the Transaction Date, identifying it as a Put Option or a Call Option, the Underlying Transaction, the Option Premium Price, the Notional Quantity, the Option Exercise Date and the Strike Price (each as defined in Schedule “E”);

“Option Exercise Conditions” has the meaning ascribed thereto in Schedule “E”;

“Option Party” means a Contracting Party which has entered into an Option Transaction with Exchange;

“Option Party’s Default” means the occurrence of a material breach of representation or warranty made herein by a Contracting Party or a failure by the Contracting Party to perform its Obligations under an Option Transaction;

“Option Premium Amount” means the amount payable by the Option Buyer on the Option Premium Payment Date, as more particularly defined in Schedule “E”;

“Option Premium Payment Date” means a date that is two Business Days from the Transaction Date that Exchange entered an Option Transaction into the ICE NGX Trading System or ICE NGX Clearing System on behalf of the Contracting Party;

“Option Product” means a Put Option or a Call Option;

“Option Seller” means, in respect of an Option Transaction, the Contracting Party who has entered into an Option Transaction as the seller of the relevant Option Product;

“Option Transaction” means a transaction in respect of an Option Product, excluding Forward Transactions, that is entered into by an Option Party and Exchange for the purchase or sale of such product, the terms of which shall include this Agreement and for greater certainty also includes the particulars applicable to such Option Product as set forth in Schedule “E”;

“Order” means an order to buy or sell any Product entered into the ICE NGX Trading System or ICE Trading Platform by a Contracting Party, or by Exchange acting on behalf of a Contracting Party pursuant to Section 3.2;

“Park and Loan Service” means such service referred to as Park and Loan in the applicable Transportation System’s tariff or terms and conditions for the applicable U.S. Delivery Point;

“Participation and Access Hearing” means an opportunity for, as the case may be, an Applicant whose Application is declined, or a Contracting Party whose membership is suspended or terminated by Exchange, to be heard and to make representations, as further described in Section 3.1;

“Participation and Access Hearing Panel” means a panel comprising three members appointed by Exchange to preside over a Participation and Access Hearing;

“Physical Power” means electric power generated in and delivered to specified Delivery Points;

“Physical Power Delivery Date” means the date upon which a Physically Settled Power Futures Transaction is scheduled to occur;

“Physical Settlement Date” means, for each Physically Settled Gas Futures Transaction and each Physically Settled Power Futures Transaction, the day determined by Exchange from time to time in accordance with industry practice for such Physically Settled Futures Transaction, as posted on Exchange’s Website not less than one month prior to the occurrence of such date, other than any Physically Settled Futures Transaction for which an Invoice has been issued as a result of a Default or under the Liquidation Procedure, in which case the Physical Settlement Date will be the date set out in such Invoice;

“Physically Settled Gas Futures Confirmation” means the notification by Exchange as to any Physically Settled Gas Futures Transaction entered into by the Contracting Party on a day, which will include particulars of the respective Physically Settled Gas Futures Transactions including the Purchase Price, Daily Contract Quantity, Delivery Point, and Physically Settled Gas Futures Product;

“Physically Settled Power Futures Confirmation” means the notification by Exchange as to any Physically Settled Power Futures Transaction entered into by the Contracting Party on a day, which will include particulars of the respective Physically Settled Power Futures Transactions including the Purchase Price, Hourly Contract Quantity (as defined in Schedule “K”), U.S. Delivery Point, and Physically Settled Power Futures Product;

“Physically Settled Futures Product” means any Physically Settled Gas Futures Product or Physically Settled Power Futures Product, including available Same-Day Delivery Tenors of such Physically Settled Futures Product;

“Physically Settled Futures Transaction” means any Physically Settled Gas Futures Transaction or Physically Settled Power Futures Transaction, including available Same-Day Delivery Tenors of such Physically Settled Futures Transaction, as applicable;

“Physically Settled Gas Futures Product” means a physical product for the purchase or sale of natural gas that is designated as “Phys” in the ICE NGX Product List and may be made available on the ICE NGX Trading System, and/or ICE NGX Clearing System from time to time with such further particulars as may be applicable in Schedules “F”, “G” or “J”, as applicable;

“Physically Settled Gas Futures Transaction” means a transaction for the purchase and sale of a Physically Settled Gas Futures Product, the terms of which shall include this Agreement and, for greater certainty, also includes the particulars applicable to such Physically Settled Gas Futures Product as set out in the ICE NGX Product List and Schedules “F”, “G” or “J”, as applicable;

“Physically Settled Power Futures Product” means a physical product for the purchase or sale of Physical Power that is designated as “Phys” in the ICE NGX Product List” and may be made available on the ICE NGX Trading System, and/or ICE NGX Clearing System from time to time with such further particulars as may be applicable in Schedule “K”;

“Physically Settled Power Futures Transaction” means a transaction for the purchase and sale of a Physically Settled Power Futures Product, the terms of which shall include this Agreement and, for greater certainty, also includes the particulars applicable to such Physically Settled Power Futures Product as set out in the ICE NGX Product List and Schedule “K”;

“Post-Settlement Load Adjustment Amount” means the amount payable by or to a Contracting Party with respect to an ENMAX Post-Settlement Load Adjustment or an EPCOR Post-Settlement Load Adjustment, as applicable, as set forth in Schedule “E”;

“Previous Month Accounts Net Payable” has the meaning ascribed thereto in Schedule “C”;

“Proceedings” means any action, suit or proceeding (including any thereof commenced by third party notice or counterclaim), arbitration, mediation or other legal, equitable or statutory process which may result in any judgment, order, award or determination having the force of law or which is otherwise binding on one or more parties thereto or participants therein;

“Product” means any product that: (i) is listed on the ICE NGX Product List; and (ii) is offered for trading on the ICE NGX Trading System; a Product may include a Physically Settled Futures Product, a Financially Settled Futures Product, a Forward Product, or an Option Product;

“Purchase Amount” means the aggregate price agreed to be paid for the Contract Quantity by the Buyer and to be received by the Seller for the Contract Quantity pursuant to a Physically Settled Futures Transaction;

“Purchase Price” means the price per unit of gas or Physical Power agreed to be paid for the receipt of gas or Physical Power by the Buyer and to be received by the Seller for the delivery of gas or Physical Power

pursuant to any Physically Settled Futures Transaction, such price or formula for the calculation of such price being established on the Transaction Date;

“Put Option” means an option obligating the Option Buyer to cause an Underlying Transaction to become effective if the relevant Option Exercise Conditions have, or deemed to have, been met (the “Exercise”) such that the Option Buyer becomes the seller in the Underlying Transaction (the Seller if a Physically Settled Futures Transaction or a Financially Settled Futures Transaction and the Floating Price Payer if a Financially Settled Futures Transaction) and as of the Exercise the terms and conditions applicable to such Underlying Transaction govern, all of which shall correspond to, have the particulars and will be referred to in all trading and other information generated on the ICE NGX Trading System by one of the designations set forth in Schedule “E” and which option may be available on the ICE NGX Trading System from time to time;

“Recognized Banking Holiday” means any Business Day that is recognized by major Canadian and/or United States banks as a holiday;

“Regulations” means all applicable laws, regulations, rules, orders, judgments, interpretations, policies and other binding similar pronouncements originating with a legislature, board, agency, court, stock exchange or other regulatory body with jurisdiction;

“Regulatory Approvals” means all approvals, authorizations, consents, licenses, permits, qualifications, exemptions or orders of any governmental authority or regulatory agency required to be obtained and all registrations, filings or qualifications with or before, or any required notice that must be provided to any person, and in particular to any governmental authority or regulatory body;

“Risk Management Policy” means the risk management policies and procedures of Exchange as set forth in Schedule “C”;

“Rules” means this Contracting Party Agreement, all Schedules thereto, and any interpretations, guidance, or similar notices issued by Exchange regarding the Contracting Party Agreement;

“Same-Day Delivery Tenor” means a Physically Settled Futures Transaction for delivery on the Transaction Date;

“Schedule” means the schedule provided to the Transmission Provider by Exchange or Contracting Party through its scheduling system to either deliver or take Physical Power. For greater clarity “schedule” may be a noun or a verb (as in “to schedule”);

“Schedules” means all Schedules to this Agreement;

“Seller” means a Contracting Party or Exchange that has entered into

- (i) a Physically Settled Futures Transaction and is obligated to make delivery of the applicable Contract Quantity pursuant to the terms of that Transaction and this Agreement; or
- (ii) a Financially Settled Futures Transaction as the Floating Price Payer under that Transaction;

“Services” means the services that Exchange provides to the Contracting Party in connection with this Agreement, including access to and use of the ICE NGX Data Products but excluding, for greater clarity, Exchange’s obligations to deliver, take or pay for gas or Physical Power as required under any Transaction and Exchange’s obligations to pay any amount under any Financially Settled Futures Transaction or Option Transaction;

“Set-Off” means set-off, offset, combination of accounts, right of retention or deducting, netting, recouping, withholding or similar right or requirement to which a party is entitled or subject (whether arising under this Agreement, any Transaction, applicable law or otherwise) that is exercised by, or imposed on, such party;

“Settlement Date” means a Financially Settled Futures Settlement Date or a Physical Settlement Date, as the case may be;

“Specified Entity” means in relation to the Contracting Party or a Credit Support Provider, any entity that controls, directly or indirectly, the Contracting Party or Credit Support Provider, as the case may be;

“Straddle Option” means the simultaneous purchase or sale of a Put Option and a Call Option by a Contracting Party;

“Summary Sanctions Hearing” means an opportunity for a Contracting Party that is the subject of a summary sanction imposed in accordance with Section 6.5 to be heard and to make representations in respect thereof;

“Summary Sanctions Hearing Panel” means a panel convened to preside over a Summary Sanctions Hearing;

“Swap” means a contract, agreement or transaction for physical or financial settlement, including an option thereon, that provides on an executory basis for an exchange of one or more payment(s) based on the value or level of the price of a commodity. Swaps are not offered for trading on the ICE NGX Trading System but may be submitted under the Exchange of Futures for Related Product provision of Section 3.2 for exchange into Futures Products in financial power and cleared as such by the ICE NGX Clearing System;

“System Constraint Period” means a potential constraint at a particular Delivery Point with respect to Physically Settled Futures Transactions, determined by Exchange in its sole discretion, which may increase the risk of backstopping arrangements being utilized at that Delivery Point. System Constraint Periods may include, but are not limited to, tolerance change days for the Intra-Alberta Delivery Point, significant curtailment notice periods, either interruptible or otherwise, on all other Delivery Points or when Park and Loan Service is unavailable. In the event of a System Constraint Period, Exchange will notify all Contracting Parties involved in a Transaction at the Delivery Point where a System Constraint Period exists prior to the last nomination cycle available to shippers at that Delivery Point;

“Terms and Conditions” means the terms and conditions of this Agreement with the exception of the Schedules;

“Trade Data” means any and all data and/or information submitted by the Contracting Party to the ICE NGX Clearing Systems, the ICE Trading Platform and/or the ICE NGX Trading System (including, but not limited to bids and offers for Transactions and all information related to Transactions entered into by Contracting Party through the ICE NGX Clearing Systems, the ICE Trading Platform and/or the ICE NGX Trading System);

“Trading Day” for each Delivery Point, means any day on which Exchange opens the ICE NGX Trading System to Contracting Parties for transacting in certain Products as designated by Exchange publishing in advance on Exchange’s Website a calendar of such Trading Days on the ICE NGX Trading System;

“Transaction Date” means the date upon which a Contracting Party enters into a Transaction;

“Transactions” means Physically Settled Futures Transactions, Financially Settled Futures Transactions, or Option Transactions and for clarity includes without limitation, Physically Settled Futures Transactions and Financially Settled Futures Transactions established through the Exchange of Futures for Related Product provision of Section 3.2;

“Transmission Provider” means any entity or entities transmitting or transporting Physical Power on behalf of Seller or Buyer to or from the Delivery Point in a particular Physically Settled Power Futures Transaction;

“Transportation System” means the pipeline or facility operator as specified in the Schedules which prescribes the system of rules and procedures governing nominations, confirmations and determinations as to the delivery and receipt of gas for the applicable Delivery Point;

“Underlying Transaction” means, in the case of an Option Transaction, the underlying Physically Settled Futures Transaction or Financially Settled Futures Transaction as the case may be, identified in association with such Option Transaction as set forth in Schedule “E”, and which transaction becomes effective if the relevant Option Exercise Conditions have been met such that the Option Party becomes either the Buyer or the Seller (with respect to underlying Physically Settled Futures Transactions) or a Floating Price Payer or Fixed Price Payer (with respect to underlying Financially Settled Futures Transactions in financial power in respect of such transaction, as the case may be, depending on whether such Option Transaction relates to a Call Option or a Put Option, and further to the particulars of such Option Transaction as set forth in Schedule “E”;

“Undertaking” means the undertakings of the Escrow Agent to the Contracting Parties in respect of certain matters relating to the Exchange Letter of Credit as more particularly set forth in Appendix “C” to the Deposit Agreement;

“Unremedied Exchange Default” means:

- (i) an Exchange Failure to Pay that has not been remedied by payment to the Contracting Party by Exchange or the Escrow Agent, as the case may be, pursuant to this Agreement and the Deposit Agreement; or
- (ii) an Exchange Failure to Pay resulting from an Exchange Failure to Take or Exchange Failure to Deliver that has not been remedied by payment to the Contracting Party by Exchange or the Escrow Agent, as the case may be, pursuant to this Agreement and the Deposit Agreement, and that is not otherwise:
 - (I) the subject matter of an Exchange Notice Not to Pay, as defined in the Deposit Agreement; or
 - (II) the subject matter of Mediation or Arbitration between Exchange and the Contracting Party; or
 - (III) the result or effect of a Force Majeure event,

and that remains unpaid on the thirtieth (30th) day following the date of the Exchange Failure to Pay;

“U.S. dollar” or “U.S. \$” or “USD” means the lawful currency of the United States of America; and

“Variation Margin” has the meaning ascribed thereto in Schedule “C”.

1.3 Interpretation

- a. **Headings** – Headings and the provision of a table of contents are inserted for convenience of reference only and shall not affect the construction or interpretation of this Agreement.
- b. **Construction** – All terms defined in this Agreement shall have the above-defined meanings when used in any certificate, report or other document made or delivered pursuant to this Agreement, unless otherwise defined in such other certificate, report or document. Any definition of or reference to any agreement, instrument or other document in this Agreement shall be construed as referring to such agreement, instrument or other document as from time to time amended, restated or replaced (subject to any restrictions on such amendments, restatement or replacement set forth herein or in any other such document). Any reference to any Regulation in this Agreement shall be construed as referring to such Regulation, as amended, restated, replaced or re-enacted from time to time.
- c. **Defined Terms** – Defined terms used in the singular shall import the plural and vice versa.
- d. **Time** – In the computation of periods of time from a specified date to a later specified date, the word “from” means “from and including;” the words “to” and “until” each mean “to but excluding;” and the word “through” means “to and including”.

- e. Section References – Unless otherwise indicated, “Section” references are to the section in the Terms and Conditions or the Schedules in which such reference appears.

1.4 Miscellaneous

- a. Governing Law – This Agreement shall be governed by and construed in accordance with the laws in force in the Province of Alberta and the federal laws of Canada applicable therein and as applicable thereto, including without limitation in respect of its relationship to other U.S. laws, governed by and in accordance with the U.S. Federal Deposit Insurance Corporation Improvement Act of 1991 (“FDICIA”). Reference to such laws shall not, by the application of conflicts of law rules, or otherwise, require the application of any laws other than the laws of the Province of Alberta and the federal laws of Canada and FIDICIA, each as applicable. Each of the Contracting Party and Exchange hereby attorns to the non-exclusive jurisdiction of the courts of the Province of Alberta. Each of the Contracting Party and Exchange hereby agrees that the U.N. Convention on Contracts for the International Sale of Goods shall not apply to this Agreement or any Physically Settled Futures Transaction.
- b. Waiver of Trial by Jury – Each party waives, to the fullest extent permitted by applicable law, any right it may have to a trial by jury in respect of any Proceeding relating to this Agreement or any Credit Support Document. Each party (i) certifies that no representative, agent or attorney of the other party or any Credit Support Provider has represented, expressly or otherwise, that such other party would not, in the event of such a Proceeding, seek to enforce the foregoing waiver and (ii) acknowledges that it and the other party have been induced to enter into this Agreement and provide for any Credit Support Document, as applicable, by, among other things, the mutual waivers and certifications in this section.
- c. Eligible Financial Contract – Each of the Contracting Party and Exchange hereby intend that this Agreement, including each Transaction hereunder and each Credit Support Document, be construed as an “eligible financial contract” within the meaning of the *Companies’ Creditors Arrangement Act* (Canada) (the “CCAA”), the *Bankruptcy and Insolvency Act* (Canada) (the “BIA”) and the *Winding-up and Restructuring Act* (Canada) (the “WURA”);
- d. Foreign Board of Trade – 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 rules of the U.S. Commodity Futures Trading Commission.
- e. Netting – Each of the Contracting Party and Exchange intend and agree that each and every Transaction cleared by and subject to the rules of ICE NGX acting as a registered Derivatives Clearing Organization be subject to the netting provisions of sections 5.14 and 5.15 of the Agreement.
- f. Location of Services – Each of the Contracting Party and Exchange hereby agree that the services provided by Exchange to the Contracting Party through the ICE NGX Trading System and ICE NGX Clearing System are provided in the Province of Alberta.
- g. Enurement – This Agreement shall be binding upon and shall enure to the benefit of the parties hereto and their respective successors and permitted assigns.
- h. Severability – If any portion of this Agreement or the application thereof to any circumstance shall be held invalid or unenforceable to an extent that does not affect the operation of this Agreement in a fundamental way, the remainder of the provision in question, or its application to any circumstance other than that to which it has been held invalid or unenforceable, and the remainder of this Agreement shall not be affected thereby and shall be valid and enforceable to the fullest extent permitted by applicable law.

1.5 Representations and Warranties

Any representations and warranties of the Contracting Party in this Agreement are made in favour of Exchange and the Contracting Party acknowledges the reliance of Exchange on such representations and warranties. Any representations and warranties of Exchange are made in favour of the Contracting Party and Exchange acknowledges the reliance of the Contracting Party on such representations and warranties.

1.6 Standard Contracting Party Agreement

This Agreement will be the standard form of agreement between Exchange and each of the Contracting Parties in respect of the ICE NGX Trading System and ICE NGX Clearing System (the “Contracting Party Agreement”); the intention being that each of the Contracting Parties will be equal in respect of their respective rights and Obligations, except as specifically otherwise provided in the Contracting Party Agreement. Each Contracting Party, by entering into the Contracting Party Agreement shall be bound by the Contracting Party Agreement, acknowledges that the provisions of the Agreement form part of the Rules of the Exchange, and acknowledges the jurisdiction of Exchange. Exchange will publish a list of all Contracting Parties on Exchange’s Website.

1.7 ICE Participant Agreement

For greater clarity, this Agreement does not govern the relationship between Exchange and Contracting Parties with respect to having access to and transacting on the ICE Trading Platform.

Furthermore, in the event of a conflict between the ICE Participant Agreement and this Agreement:

- a. Where the conflict relates to the trading and clearing of ICE NGX Products, this Agreement governs;
- b. Where the conflict relates to trading of ICE Products, the ICE Participant Agreement governs; or
- c. Where the conflict relates to clearing by ICE NGX, this Agreement governs.

1.8 Non-contra Proferentum

This Agreement shall not be interpreted or construed against Exchange merely because it has been prepared by Exchange.

1.9 Taxes on Services

Unless otherwise specified, all references to amounts in connection with the Services, including without limitation, fees, prices, charges and liquidated damages, exclude all taxes or other levies and assessments under applicable taxing Regulations in respect of a Service or Transaction.

ARTICLE 2 - REPRESENTATIONS AND WARRANTIES

2.1 Of the Contracting Party: General

The Contracting Party represents and warrants that: (a) the Contracting Party has all requisite power, authority and capacity to enable it to execute and deliver this Agreement and to perform its Obligations and to carry out the transactions contemplated under this Agreement; (b) the execution and delivery of, and the performance of the Obligations of the Contracting Party under, this Agreement have been duly and validly authorized by all action of the Contracting Party necessary to ensure their validity and enforceability; (c) this Agreement has been duly executed and delivered and constitutes a legal, valid and binding obligation of the Contracting Party; (d) all Regulatory Approvals to the date of this representation and warranty, in connection with or for the due execution, delivery by the Contracting Party of this Agreement and the performance of its terms by the Contracting Party have been made, obtained and complied with, or are the subject of exemptions or waivers that are in full force and effect, on or prior to the date that the Contracting Party obtains access to the ICE NGX Trading System and/or ICE NGX Clearing System for the purpose of entering into and/or clearing of Transactions respectively; (e) to the extent that the Contracting Party is to have access to and only enters or submits ICE-Originated Orders to ICE NGX, the Contracting Party has entered into an ICE Participant Agreement and remains in good standing under such agreement, which at all times during the term of this Agreement constitutes a valid and binding legal obligation of the Contracting Party with ICE; (f) Contracting Party will only enter into ICE-Originated Orders for which the Contracting Party intends that the Transaction be physically settled unless the best execution requires execution as an ICE NGX Physically Settled Futures Contract; and (g) Contracting Party will only include Forward Transactions as part of an Exchange of Futures for Related Product Transaction for which Contracting Party at the time entering into the Contract intended the Transaction to be physically settled. The Contracting Party agrees to provide to Exchange evidence of the matters described in the preceding sentence, including certified resolutions, constating documents, incumbency certificates and opinions as may be reasonably requested by Exchange in respect of the foregoing or any other representations and warranties made under this Agreement.

2.2 Of the Credit Support Provider: General

The Contracting Party represents and warrants that: (a) the Credit Support Provider has all requisite power, authority and capacity to enable it to execute and deliver the Credit Support Documents and to perform its Obligations and to carry out the transactions contemplated under the Credit Support Documents; (b) the execution and delivery of, and the performance of the obligations of the Credit Support Provider under, the Credit Support Documents have been duly and validly authorized by all action of the Credit Support Provider necessary to ensure their validity and enforceability; and (c) all Regulatory Approvals required to be made or obtained for the due execution, delivery and performance by the Credit Support Provider of the Credit Support Documents and the performance of its terms by the Credit Support Provider or exemptions or waivers from the requirements to make or give the same will have been made or obtained and complied with on or prior to the date that the Credit Support Provider provides such Credit Support Documents. The Contracting Party agrees to provide to Exchange evidence of the matters described in the preceding sentence, including certified resolutions, constating documents, incumbency certificates and opinions as may be reasonably requested by Exchange in respect of the Credit Support Provider and Credit Support Documents.

2.3 Of the Contracting Party: Qualification and Status

The Contracting Party represents and warrants that: (a) the Contracting Party is, and will at all times during the term of this Agreement be, a corporation, partnership, organization, trust or other business entity with a net worth exceeding \$5,000,000 or total tangible assets exceeding \$25,000,000, as shown on its latest balance sheet, or is controlled, directly or indirectly, by one or more of any such business entities (the "Minimum Qualification Requirement"), and comply with any other conditions or requirements imposed by Exchange, whether pursuant to the Risk Management Policy or otherwise, as part of the Contracting Party's initial qualification to transact through Exchange or after being granted access to the ICE NGX Trading System and ICE NGX Clearing System; (b) the information provided by the Contracting Party in the Application is true and correct as of the date noted in the Application and the information provided to Exchange by the Contracting Party from time to time as required by or as permitted under this Agreement will be true and correct as of the date of such information; and (c) the Contracting Party will provide upon request to Exchange all Regulatory Approvals applicable to it (or its investment manager or adviser, if any) in the jurisdiction of organization residence of the Contracting Party (or such investment manager or adviser), or any other information,

including without limitation, regarding its corporate structure, governance, credit status or solvency, as may be reasonably required by Exchange.

2.3 (a) Special Participant

Any party not meeting the requirement in Section 2.3 or who meets the requirement of Section 2.3, but wishes to transact or clear, respectively, on the ICE NGX Trading System or ICE NGX Clearing System as a customer through a Contracting Party willing to act on behalf of such a customer, may request Participation Rights as a “Customer Participant” under such conditions and on such terms as ICE NGX shall establish through the amendment of this Agreement. For the avoidance of doubt, such amendments to this Agreement shall make clear that the Contracting Party shall remain responsible to ICE NGX in all respects under this Agreement for all Transactions that it enters into on, or clears through, ICE NGX, including those Transactions which it undertakes on behalf of its Customer Participant(s).

2.4 Of Exchange: General

Exchange represents and warrants that: (a) Exchange is a corporation duly and validly incorporated and subsisting under the laws of Canada; (b) Exchange has all requisite power, authority and capacity to enable it to execute and deliver this Agreement and to perform its Obligations and to carry out the transactions contemplated under this Agreement; (c) the execution and delivery of, and the performance of the Obligations of Exchange under, this Agreement have been duly and validly authorized by all action of Exchange necessary or desirable to ensure their validity and enforceability; (d) this Agreement has been duly executed and delivered and constitutes a legal, valid and binding obligation of Exchange; (e) Exchange is a registrant under the Excise Tax Act and its GST registration number is R136904232; (f) Exchange’s sole business is conducted pursuant to Contracting Party Agreements with Contracting Parties and the matters contemplated therein; (g) Exchange’s indebtedness for borrowed money consists solely of its indebtedness to Exchange’s Principal Banker and to the Exchange Letter of Credit Issuing Bank, to facilitate the payment of Invoices by Exchange and to facilitate the management of a Default, Liquidation and/or Close-out Procedure; (h) Exchange is, to the extent required by U.S. law, registered as a Foreign Board of Trade and with respect to the ICE NGX Clearing System, registered as a Derivatives Clearing Organization at the time when Exchange enters into a transaction hereunder; (i) where agreed upon between Exchange and its regulators, Exchange will file reports for and in the place of its Contracting Parties with respect to Transactions cleared through the ICE NGX Clearing System in compliance with applicable laws or regulations; and (j) all Regulatory Approvals, to the date of this representation and warranty, in connection with or for the due execution, delivery by Exchange of this Agreement and the performance of its terms by Exchange have been made, obtained and complied with, or are the subject of exemptions or waivers that are in full force and effect, on or prior to the date that the Contracting Party obtains access to the ICE NGX Trading System and ICE NGX Clearing System for the purpose of entering into Transactions.

2.5 Representations Repeated

The representations and warranties of Exchange and the Contracting Party will be deemed to be repeated on each date the Contracting Party enters into any Transaction.

2.6 Additional Representations of the Contracting Party

Each Contracting Party represents and warrants that:

- a. Access to Transportation System – To the extent it wishes to be entitled to enter a into Physically Settled Futures Transactions, the Contracting Party has and will at all times have
 - (i) in the case of a Physically Settled Gas Futures Transaction, access to capacity on the relevant Transportation System to allow the Contracting Party to perform its Obligations under all Physically Settled Futures Transactions; and,

- (ii) in the case of a Physically Settled Power Futures Transaction, an agreement with the Transmission Provider, to allow the Contracting Party to perform its Obligations under all Physically Settled Power Futures Transactions.
- b. Business Related – With respect to each Transaction based upon the price of a commodity, on the date such Transaction is entered into, it will be entering into such Transaction in conjunction with a line of its business (including financial intermediation services) or the financing of a line of its business.
- c. Intent to take delivery and mitigate risk –
 - (i) With respect to each transaction in a Forward Product which is entered into through ICE NGX Trading System, it will be entering into the Forward Transaction intending for the transaction to be physically settled; and
 - (ii) With respect to each transaction in a Forward Product involving an Exchange of Futures for Related Product Transaction, including ICE Transactions, it will have entered into the transaction with the intent for the transaction to be physically settled.
- d. U.S. Status – The Contracting Party has consulted the *Commodity Exchange Act* (United States) and the regulations of the Commodity Futures Trading Commission and to the extent required by U.S. law, the Contracting Party is an “eligible contract participant” with respect to any swap submitted to ICE NGX.
- e. Accredited Investor – If resident in the Province of Ontario, the Contracting Party is, and will be, at all times during the term of this Agreement an “accredited investor” as defined in National Instrument 45-106 that is a corporation, partnership, organization, trust or other business entity.
- f. Principal – The Contracting Party is entering into this Agreement, any Credit Support Document to which it is a party, each Transaction and any other documentation relating to this Agreement that it is required by the Agreement to deliver, as principal and not as agent or in any other capacity, fiduciary or otherwise.
- g. USMCA – The Contracting Party, when entering into a Physically Settled Gas Futures Transaction or Forward Transaction as Seller, represents and warrants that natural gas delivered, or to be delivered, from or at a Canadian Delivery Point shall be wholly obtained or produced in North America and qualifies as an originating good pursuant to Annex 4-B of the United States - Mexico - Canada Agreement.
- h. Risk Management Policies, Procedures and Practices – The Contracting Party represents and warrants that it has sufficient and satisfactory written risk management policies, procedures and practices in place to address both financial and operational risks in its organisation, and will provide to Exchange, if requested, an annual certification attesting to same.

2.7 No Reliance

In connection with the negotiation of, the entering into, and the confirming of the execution of this Agreement, any Credit Support Document to which it is party, each Transaction and any other documentation relating to this Agreement that it is required by this Agreement to deliver: (a) the other party hereto or thereto is not acting as a fiduciary or financial, investment or commodity trading advisor for it; (b) it is not relying (for purposes of making any investment decision or otherwise) upon any advice, counsel or representations (whether written or oral) of the other party hereto or thereto other than the representations expressly set forth in this Agreement, in such Credit Support Document, or in any Confirmation; (c) the other party hereto or thereto has not given to it (directly or indirectly through any other person) any assurance or guaranty whatsoever as to the merits (either legal, regulatory, tax, financial, accounting or otherwise) of this Agreement, such Credit Support Document, such Transaction or such other documentation; (d) it has consulted with its own legal, regulatory, tax, business, investment, financial and accounting advisors to the extent it has deemed necessary, and it has made its own investment, hedging and trading decisions (including, without limitation, decisions regarding the suitability of any Transaction pursuant to this Agreement) based upon its own judgment and upon any advice from such advisors as it has deemed necessary and not upon any view

expressed by the other party hereto or thereto; (e) it is entering into this Agreement, such Credit Support Document, such Transaction and such other documentation with a full understanding of all the terms, conditions and risk (economic and otherwise), and it is capable of assuming and willing to assume (financially and otherwise) those risks; and (f) it is a sophisticated investor.

ARTICLE 3 – GENERAL

3.1 Application, Participation and Access

- a. Application – An Applicant shall submit a completed Application with Exchange for consideration to become a Contracting Party. Exchange shall review the Application to determine whether the Applicant meets Exchange’s requirements under this Agreement. Exchange may impose any limitations on the Applicant that it deems necessary or appropriate in order to protect the security and integrity of Exchange.
- b. Exchange May Decline – Exchange may decline an Application if, after having regard to such factors as Exchange considers relevant including, without limitation, the past or present conduct, business or condition of the applicant or any of its directors, senior officers or holders of a significant equity interest, or Exchange is of the opinion that (i) the Applicant will not comply with this Agreement; (ii) the Applicant is not qualified by reason of integrity; or (iii) the Applicant may not, because of the Applicant’s financial situation or for any other reason, be able to satisfy its Obligations to Exchange; or (iv) such acceptance is otherwise not in the public interest.
- c. Written Grounds for Declining – If the Application is declined, Exchange shall provide the Applicant with a written notice that the Application has been declined including a statement setting out the grounds upon which the Application has been declined.
- d. Opportunity to be Heard – Each of the following shall be entitled, upon written request filed with Exchange within fifteen (15) calendar days of receipt of written notice of the relevant decision by Exchange described below, to a hearing before a Participation and Access Hearing Panel:
 - (i) an Applicant whose Application is declined;
 - (ii) a Contracting Party whose membership is suspended by Exchange;
 - (iii) a Contracting Party whose membership is terminated by Exchange;

For the avoidance of doubt, the right to a hearing before a Participation and Access Hearing Panel in no way restricts or postpones Exchange’s authority and power to cause a Contracting Party Suspension and/or termination, or to effect the Close-out Procedure and/or the Liquidation Procedure with respect to the Contracting Party’s Transactions.

- e. Waiver of Opportunity to be Heard – Failure of the Applicant or the Contracting Party, as applicable, to request a hearing within fifteen (15) days of receipt of the written notice referred to in Section 3.1, except where proven for good cause, shall be deemed to be a waiver of the right to a hearing.
- f. Participation and Access Hearing Procedures – A Participation and Access Hearing will be conducted by a Participation and Access Hearing Panel in accordance with Exchange’s Participation and Access Hearing procedures, as amended from time to time. An Applicant or Contracting Party, as applicable, will be entitled to be represented by counsel and to present documentary evidence. No formal rules of evidence shall apply, and the Participation and Access Hearing Panel shall be entitled to accept or reject any evidence it considers proper.
- g. Decisions of the Participation and Access Hearing Panel – The Participation and Access Hearing Panel may recommend to confirm, vary or reverse the decision by Exchange, provided that the Participation and Access Hearing Panel may not recommend to reverse or vary a decision if the Applicant or Contracting Party, as applicable, does not satisfy the Minimum Qualification Requirement. A written decision setting out the Participation and Access Hearing Panel’s reasons for decision will be provided to the Applicant.
- h. Participation and Access Hearing Panel Decision is Final – A decision of the Participation and Access Hearing Panel is final. Notwithstanding all of the above, a decision by the Participation and Access Hearing

Panel does not restrict Exchange's authority and discretion to impose any limitations or conditions on the Applicant or Contracting Party, as applicable, that Exchange determines, in its absolute discretion, necessary or appropriate to protect the security and integrity of Exchange.

3.2 Agreements of the Contracting Party

- a. Data – The Contracting Party acknowledges and agrees that the Trade Data shall be the non-exclusive property of the Exchange or its affiliates and the Contracting Party, and that each party shall have the right to use, sell, retransmit or redistribute such Trade Data in accordance with and subject to the provisions of Sections 3.2 and 3.4. The Contracting Party further acknowledges and agrees that as between the Contracting Party and the Exchange or its affiliates, the ICE NGX Data Products shall be the exclusive property of the Exchange or its affiliates to use as it deems fit, and except as expressly set forth 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. Indemnity – The Contracting Party agrees to protect, defend, hold harmless and indemnify the Exchange and/or its affiliates from and against all claims, damages, liabilities, losses and expenses for any use of the ICE NGX Data Products by the Contracting Party, or any use of the Trade Data by the Exchange or its affiliates.
- c. The Authorized Users will access and use the ICE NGX Data Products exclusively for the Contracting Party's own internal business activities. 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. The Contracting Party will not, and will not permit any of its employees to, copy, modify, reverse engineer, reverse assemble or reverse compile the ICE NGX Data Products. The Contracting Party will not, and will not permit any of its employees to, distribute, rent, sell, retransmit, redistribute, release or license the ICE NGX Data Products, or any part thereof, to any third party. The Contracting Party will not, and will not permit any of its employees to, 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. The Contracting Party will not, and will not permit any of its employees to, archive ICE NGX Data Products, use or co-mingle ICE NGX Data Products or permit ICE NGX Data Products to be used or co-mingled in constructing or calculating the value of any other price reference or data, index or indexed products other than for internal purposes only.
- d. Transfer trades –
 - (i) Upon written request, Exchange in its discretion may permit the transfer and novation of a position, contract, agreement or transaction for the account of a Contracting Party as a result of a merger, asset purchase, consolidation, business alliance, or similar non-recurring transaction, arrangement or agreement between Exchange and an entity that has the legal authority to effectuate the transfer of the position, contract, agreement or transaction to Exchange.
 - (ii) Such transfers will take place at the same prices that appear on the books of the transferring entity and the transfer records must indicate the date when the original trade was made.
 - (iii) Each Contracting Party affected by the transfer shall comply in all respects with any statement of policy or other notice issued by the Exchange relating to the procedures and processes that must be followed to effectuate the transfer and novation of open positions to Exchange.
 - (iv) The parties to the transfer must retain all records related to the transfer for a period of five years.
- e. Record Keeping – The Contracting Party shall maintain all documents and records directly related to Transactions executed on or subject to the rules of the Exchange, and any activity in underlying commodities and related cash and derivatives markets, in such manner and form and at such times as may be prescribed

by Exchange, Exchange's regulators or Contracting Party's regulator. The Contracting Party agrees to provide copies, if requested, of its documents and records directly related to such activities and agrees to cause a person under the control or direction of the Contracting Party who is reasonably knowledgeable in respect of the activities of the Contracting Party under this Agreement to be available by phone or at the offices of Exchange in Calgary at a reasonable time and for a reasonable period in respect of any such activities.

- f. Designated Persons – The Contracting Party hereby agrees to 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 shall 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 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, and hereby agrees 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 Section 3.2 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 Off-Exchange Broker Representatives under Section 3.2) and indemnifies 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 shall contact ICE NGX (and, if the Contracting Party has access to the ICE Trading Platform, ICE) by telephone as to any such cancellation and confirm such cancellation in writing by email. Exchange shall have no obligation to inquire about or confirm the authorization of Off-Exchange Broker Representatives by Authorized Representatives under any circumstances.
- g. Confidentiality –
- (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 but 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 3.2 shall restrict the Contracting Party or any affiliate of a Contracting Party from compliance with any law, regulation or governmental authority applicable to such Contracting Party or affiliate of 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.

- h. Exchange of Futures For Related Product Transactions (“EFRP Transactions” or “Exchange of Futures for Related Product Transactions”) between two Contracting Parties (the “Off-Exchange Principals”), which involve Financially or Physically Settled Futures Transaction positions and a related position not executed on the ICE NGX Trading System with respect to physical natural gas transactions (including Forward Transactions executed on the ICE Trading Platform), physical power transactions and Option Transactions on the foregoing and Swap transactions or options thereon; or Forward Transactions in Canadian natural gas or Physical Power executed on the ICE NGX Trading System (together “Off-Exchange Transactions”), may be submitted to Exchange in accordance with this Section 3.2.
- (i) Submission of trade details of an EFRP Transaction may be made by an Off-Exchange Broker Representative or by the Off-Exchange Principals through ICEBlock or by providing verbal, instant messaging or email instructions to Exchange (“Verbal Instructions”).
 - (ii) In submitting a transaction to Exchange under this Section 3.2 for clearing, the Off-Exchange Principals to that transaction (whether submitted directly or through an Off-Exchange Broker Representative) shall be deemed to have mutually agreed to submit the transaction to Exchange for clearing via Section 3.2 and for such transaction (which constitutes a buy Transaction and a sell Transaction in the applicable Product, referred to herein as “EFRP Cleared Futures Transactions”) to be governed entirely by the terms and conditions of this Agreement as a Financially or Physically Settled Futures Transaction. Exchange takes no responsibility and shall have no liability for any agreement between Off-Exchange Principals with respect to any Off-Exchange Transaction. Off-Exchange Principals submitting EFRP Transactions directly through Verbal Instructions thereby designate Exchange as agent for the purpose of carrying out such Verbal Instructions and agree to be bound by any acts of Exchange in carrying out such instructions.
 - (iii) The Off-Exchange Principals shall be exclusively responsible for accurately submitting the details of an EFRP Transaction to Exchange whether submitted directly or through an Off-Exchange Broker Representative. Contracting Parties to any EFRP Transaction must maintain all documents relevant to the EFRP Transaction and related positions, including all documents customarily generated in accordance with cash or other relevant market practices. Once submitted (whether through ICEBlock or Verbal Instructions), an Off-Exchange Principal or Off-Exchange Broker Representative (if applicable) shall not be entitled to unilaterally reject the trade terms submitted for an EFRP Cleared Futures Transaction to Exchange, and such EFRP Cleared Futures Transactions shall be deemed final and binding in accordance with the terms of this Agreement subject to (A) any trade in error cancellation in an ICE NGX Product, (B) receipt by Exchange of an ICEBlock Error Notice, or (C) Exchange voiding the transaction in accordance with this Agreement.
 - (iv) The Exchange shall rely on the characterization by the Off-Exchange Principals or their agents of any Off-Exchange Transaction submitted as the related product of an EFRP Transaction as being in a Forward Product, a spot product, or a Swap.
 - (v) In addition to any other rights Exchange has under this Agreement, Exchange may, in its sole discretion, for legal, regulatory, operational or similar reasons, including (without limitation) to maintain the integrity of Exchange, reject an EFRP Transaction submitted to Exchange (whether submitted through ICEBlock or Verbal Instructions) as soon as technologically practicable of the time of the initial submission to Exchange, in which case Exchange or ICE shall notify the Off-Exchange Principals that the transaction has been rejected and any applicable EFRP Cleared Futures Transactions shall be considered null and void with no further obligations or liability of Exchange.
 - (vi) In addition to the limitations on liability set forth in Section 5.9, Contracting Party acknowledges and agrees that Exchange shall have no responsibility or liability whatsoever for any errors or inaccuracies of any EFRP Transaction information submitted to Exchange, whether through ICEBlock or Verbal Instructions including, without limitation, for any ICEBlock or ICE system errors, delays, outages, inaccuracies, ICEBlock Error Notices, or any acts or omissions of ICE or Exchange with respect to such EFRP Transactions. Contracting Parties, including Off-Exchange Principals, acknowledge and agree that their sole recourse or remedy with respect to EFRP Transactions is limited to the pursuit of

private remedies available under existing law as between the Off-Exchange Principals and any Off-Exchange Broker Representatives.

i. Block Transactions –

- (i) Block Transactions between two Contracting Parties (each acting for itself or through its agent) may be effected through the ICEBlock electronic trading facility, by telephonic means as provided by the Exchange or through such other method or media as permitted by the Exchange, rather than on the ICE NGX Trading System, in accordance with the provisions of this Section 3.2.
- (ii) Block Transactions may be transacted only in Futures Products authorized for that purpose by the Exchange. The minimum volume to qualify as a Block Transaction under this rule is as the Exchange shall establish in its discretion and publish in Schedule “D” to this Agreement, available on Exchange’s Website, from time to time.
- (iii) Notwithstanding any contrary provision of this Agreement, Block Transactions may be entered for any Same-Day Delivery Tenor of a Physically Settled Natural Gas Futures Product under the procedures of this Section 3.2.
 - (I) A Block Transaction may be entered for any Same-Day Delivery Tenor of any Physically-Settled Natural Gas Futures Product identified on Schedule D.
 - (II) Prior to accepting a Block Transaction in a Same-Day Delivery Tenor, the Exchange may request verification from the Contracting Party that the Contracting Party has an active Title Transfer, MTT, services contract or pipeline agreement account, as applicable, with appropriate pipeline operators for services at the Delivery Point of the applicable Physically Settled Natural Gas Futures Product and that such account or entitlement is in good standing.
 - (III) In addition to any other rights Exchange has under this Agreement, Exchange may, in its sole discretion, for legal, regulatory, operational or similar reasons, including (without limitation) to maintain the integrity of Exchange or the delivery process, reject a Block Transaction for any Same-Day Delivery Tenor of a Physically Settled Natural Gas Futures Product submitted to Exchange (whether submitted through ICEBlock or Verbal Instructions) as soon as practicable at the time of the initial submission to Exchange, in which case Exchange or ICE shall notify the Off-Exchange Principals that the transaction has been rejected and shall be considered null and void with no further obligations or liability of Exchange.
- (iv) A Contracting Party, for its own account, may aggregate multiple orders to meet the contract minimums for a Block Transaction.
- (v) A Contracting Party may not
 - (I) aggregate different legs of a futures contract spread to meet the minimum volumes set forth in Schedule “D”.
 - (I) aggregate different legs of an options contract spread to meet the minimum volumes set forth in Schedule “D, provided, however, the different legs may be aggregated if the aggregate amount is in total 150% of the minimum block volume.
- (vi) Each time a Contracting Party quotes a Block Transaction price, the Contracting Party must make clear to each potential counterparty that the price being quoted is a Block Transaction price for a Futures Transaction and is not the price prevailing on the ICE NGX Trading System for a Futures Transaction in that Product.

(vii) The Block Transaction may be consummated at a price mutually agreed upon by the parties to the transaction; provided that,

(I) the price for the Block Transaction does not exceed:

- (1) the day's overall traded market high and low by the following ranges below;
- (2) if not traded that day, by the previous day's traded market high and low by the following ranges; provided however, that the Exchange, in exceptional circumstances, may in its discretion, choose to permit a price to exceed the following ranges:

Commodity	Range
Physically Settled Gas Futures Product	2.0 percent
Financially Settled Futures Product	2.0 percent
Financial Power Product	5.0 percent
Physically Settled Power Futures Product	5.0 percent

(3) or, if not traded either that day or the previous day on the market, as the parties shall mutually agree.

(II) in the case of an option, the price is no more than one-half the maximum applicable quote spread outside a price derived from a generally accepted theoretical model, which is based on the range of the day's underlying futures high and low prices, if traded on the market.

For clarity, nothing in this Section 3.2 prohibits a single Contracting Party from entering into one or more Block Trade(s) at the same price with one or more Contracting Parties, such price being determined by a method as the Contracting Parties shall agree.

(viii) Immediately upon agreeing to enter into the Block Transaction, or upon the market's opening (or re-opening) if the transaction is agreed to be entered into by the parties at a time when the market is closed, the buyer of the Block Transaction or its agent shall report the details of the Block Transaction directly into ICEBlock, by Verbal Instruction to the Exchange, or by such other method or media permitted by the Exchange. Within 15 minutes of reporting the details of the Block Transaction, the seller of the Block Transaction or its agent shall confirm such Block Transaction on the screen or by telephonic means, instant message or email as provided by the Exchange. The Exchange shall immediately notify the parties to the transaction of the details of the Block Transaction upon confirmation, and immediately update the ICE NGX Clearing System reports.

(ix) Upon request by any employee of the compliance department, Contracting Parties must produce satisfactory evidence that the Block Transaction was arranged in accordance with the Agreement.

j. Other Instructions to Exchange – It is acknowledged by Exchange that under certain circumstances a Contracting Party may give verbal, instant messaging, or email instructions to Exchange in circumstances other than those described under Section 3.2, and Exchange may, in its sole discretion, agree to act on such instructions. The Contracting Party hereby designates Exchange as its agent for the purpose of carrying out any such instructions and agrees to be bound by any acts of Exchange in carrying out such instructions. The Contracting Party acknowledges that Exchange may in its sole discretion refuse to agree to act on the basis of any such instructions and that Exchange will have no liability to the Contracting Party in respect of any errors, omissions, or other actions regarding such instructions or in respect of any refusal to act.

k. Recording – The Contracting Party acknowledges, consents and agrees to the electronic recording by Exchange of all conversations, instructions or agreements between Exchange and the Contracting Party and

agrees that any such record will constitute documentary evidence as to any such conversations, instructions or agreements in tangible form. The Contracting Party and Exchange agree not to assert any legal defence as to the admissibility, validity or enforceability of any verbal or instant messaging instructions or agreements as evidenced by any such record, including any assertion that any such instructions or agreement is not in writing or signed by a party or both parties. Exchange will maintain any such record for a period of two years, or longer in particular if Exchange is aware of any dispute, controversy, difference or question which may be resolved by any such record and will provide the Contracting Party with a copy of any portion of such record to the extent relevant to any such dispute, controversy, difference or question relating to the Contracting Party.

- I. Forward Transactions – All terms and conditions applicable to a Forward Transaction are set forth in Schedule I.
- m. Non-clearable Transactions – The Contracting Party acknowledges and agrees that Exchange may determine, in its sole discretion that it is unable to clear certain transactions where transactions have been submitted in error into the ICE NGX Clearing System. In the event that Exchange makes this determination, the transaction will be cancelled and the Contracting Parties to the transaction will be notified of the cancellation as soon as reasonably practicable by either phone, instant message or email.
- n. Fees – The Contracting Party will pay the fees to Exchange in such amounts as are set forth in the Fee Schedule or as otherwise agreed to by the Contracting Party with Exchange, and as required by any Invoice.
- o. U.S. Internal Revenue Service Reporting
 - (i) Contracting Parties who are subject to the reporting requirements of brokers under Section 6045 of the U.S. Internal Revenue Code (“Code”) and the U.S. Treasury Regulations thereunder shall comply with such requirements, as amended from time to time, with respect to transactions effected on, or otherwise subject to this Agreement in the manner prescribed by Section 6045 of the Code, the regulations thereunder, and such other provisions of the Code and regulations that are pertinent thereto. Failure of a Contracting Party to comply with this provision will result in immediate suspension of such Contracting Party’s trading privileges on the Exchange (and the privileges of any successor to such Contracting Party) until the Contracting Party complies with these reporting requirements in all respects. Such compliance includes the filing of all returns that were required to have been filed under Section 6045 but were not filed or were filed improperly; and
 - (ii) Notwithstanding any other provision of this Agreement, upon request by Exchange, Contracting Parties (with respect to transactions occurring on Exchange) will supply Exchange or directly to the U.S. Internal Revenue Service or any grand jury properly convened within the United States, books, papers, records, or other data as described in Section 7602 of the Code and the U.S. Treasury Regulations thereunder (hereinafter collectively referred to as “records”). Such requests will be made by Exchange whenever Exchange receives a written request, summons or subpoena to produce such records from the U.S. Internal Revenue Service or from any grand jury. Failure of a Contracting Party to comply with this provision will result in immediate suspension of such Contracting Party’s trading privileges on Exchange (and the privileges of any successor to such Contracting Party) until the Contracting Party complies with these reporting requirements in all respects.
- p. Ranking Requirement – In respect of each contract for physical delivery of natural gas, whether making delivery or taking delivery, Contracting Party will rank Exchange as “last-to-be-cut” or “first-to-be-delivered”, as applicable, for each nomination cycle.
- q. Written Risk Management Policy Required – The Contracting Party shall maintain a current written risk management policy. The Contracting Party shall from time to time, upon request by Exchange, provide Exchange with information and documents regarding its risk management policies, procedures and practices, including, but not limited to, information and documents concerning liquidity of the Contracting Party’s financial resources and settlement procedures (the “Risk Management Documentation”), and make such information and documents available to Exchange’s regulators upon their request. Exchange may, from time

to time, conduct on-site audits of the Risk Management Documentation and the Contracting Party shall make reasonable efforts to facilitate any such audits.

3.3 Eligible Collateral Support and Collateral

- a. Eligible Collateral Support and Collateral – Each Contracting Party shall 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 deduct, net, recoup, setoff, or otherwise credit 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 hereby consents to any such withholding, deduction, netting, recoupment, setoff, or credit on behalf of itself and its Contracting Party Affiliates.

- b. Grant of Security – As security for the payment and performance of its Obligations, the Contracting Party does hereby assign, pledge and grant to Exchange a first-ranking security interest in and lien on all estate, right, title and interest of the Contracting Party in and to:

- (i) any and all cash (including any and all Cash Collateral or other cash constituting Eligible Collateral Support) delivered to, deposited with, or held by or on behalf of Exchange;
- (ii) any rights to payment or performance owing from Exchange to the Contracting Party including, without limitation:
 - (I) any Previous Month Accounts Net Payable;
 - (II) any Current Month Accounts Net Payable;
 - (II) any Financially Settled Futures Settlement Net Payable, MTM Settlement Net Payable or Daily Financially Settled Futures Settlement Net Payable; and
 - (III) any Variation Margin; and
- (iii) all proceeds (as such term is defined in the *Personal Property Security Act* (Alberta) of any of the foregoing

(collectively, and together with any letter of credit constituting Eligible Collateral Support, the “Collateral”).

Upon any of the Collateral being returned or paid to the Contracting Party, the said Collateral shall be released from the Liens granted to Exchange by the Contracting Party hereunder. Any Lien granted as contemplated above attaches upon execution and delivery of this Agreement or, in the case of Collateral delivered to, deposited with, or held by or on behalf of Exchange, upon the delivery, deposit or holding of such Collateral to, with, by or on behalf of Exchange, or in the case of rights to payment or performance in favour of the Contracting Party under any Transaction, at the time such Transaction is entered into.

Exchange may file or record this Agreement or any financing statement, security notice or similar instrument in any public office as may be necessary to establish, perfect or maintain the interests of Exchange as a secured party. The Contracting Party hereby waives any requirement of the applicable personal property

security legislation or similar legislation to provide a verification statement to the Contracting Party upon registration of any such Agreement, financing statement, security notice or similar instrument. Upon the full, final and indefeasible satisfaction of all Obligations, and termination of this Agreement, the Lien shall cease and determine, all rights and interests in the Collateral granted hereunder and hereby will revert to and revest in the Contracting Party without further act or formality whatsoever, whereupon Exchange shall, at the request and cost of the Contracting Party, execute such releases or discharges of the Lien or of such filings or recordations, prepared by or on behalf of the Contracting Party and acceptable to Exchange, without recourse to or warranty by Exchange. Exchange shall not have any duty or obligation in respect of any Collateral except the obligation to keep the same with the same degree of care as it keeps its own property of a similar type, and in particular shall not be responsible for or by reason of any loss arising from any failure of Exchange's Principal Banker (whether as a result of bankruptcy, insolvency or otherwise) with which any amount paid by or on behalf of the Contracting Party as Collateral will have been deposited or placed for safekeeping. No Obligation shall be considered to have been discharged by reason of the existence of the Lien or the rights herein provided unless (and then only to the extent that) Exchange has finally and indefeasibly collected and applied to such Obligation any amount held as or obtained in respect of Collateral or the net proceeds (after satisfying any costs of realization) of realization of any Collateral or has drawn down upon any letter of credit and applied the same to such Obligation or has applied any amount owing by Exchange to the satisfaction thereof and so advised the Contracting Party in writing. The Contracting Party hereby represents and warrants that all Collateral provided to Exchange from time to time is and will be free and clear from any Liens ranking in priority to or equally with the rights of Exchange to such Collateral and that the Lien herein provided to Exchange is and will be a valid first ranking Lien on the Collateral. Exchange and the Contracting Party agree that all Eligible Collateral Support and all Collateral shall constitute "financial collateral" as that term is used in the CCAA, the BIA, the WURA, and any successor or like Canadian statutory provisions. In addition, without limiting any other rights or protections hereunder of under FDICIA or other applicable law, Exchange and the Contracting Party agree that the rights set forth herein are "contractual rights" as defined in 11 U.S.C. §556; that this is a "commodity contract" as defined in 11 U.S.C. § 761 and/or a "master netting agreement" as defined in 11 U.S.C. § 101(38A); that Exchange is a "financial participant" as defined in 11 U.S.C. § 101(22A); and that Exchange is entitled to the rights and protections set forth in 11 U.S.C. §§546(e) and (j), 556, 561, 562, and 761.

- c. Failure to Provide Eligible Collateral Support – The Contracting Party agrees and acknowledges that upon any failure by the Contracting Party to provide Eligible Collateral Support to Exchange in the amounts and manner set forth under this Agreement, Exchange shall have the rights and remedies set forth in this Agreement including, without limitation, the rights to cause a Contracting Party Suspension, effect the Close-out Procedure and/or effect the Liquidation Procedure with respect to the Contracting Party's Transactions.
- d. Use of Collateral – Exchange may pledge, transfer or realize on a Contracting Party's Collateral to satisfy the Obligations of the Contracting Party under this Agreement and, for greater certainty, may not use the Contracting Party's Collateral for Exchange's general corporate purposes.
- e. Exercising on Collateral – Upon a Default with respect to any Contracting Party, Exchange shall also be entitled to:
 - (i) exercise all rights and remedies of a secured party under applicable law with respect to the Collateral of the Contracting Party or any of its Contracting Party Affiliates;
 - (ii) sell, retain, liquidate, apply, collect on and, except as Exchange may otherwise agree, set off any or all Collateral against any outstanding Obligations owed to Exchange by the Contracting Party or any of its Contracting Party Affiliates;
 - (iii) instruct any bank that has issued a letter of credit held by Exchange in the name of the Contracting Party or any of its Contracting Party Affiliates to pay under the letter of credit up to the amount of the Obligations that are due;
 - (iv) exercise any other remedies provided under this Agreement or any other remedies available at law, in equity or otherwise.

- f. **Separate Cash Collateral Account** – Exchange will deposit Cash Collateral relating to a Contracting Party in that Contracting Party’s Cash Collateral Account. Exchange will maintain the Contracting Party’s Cash Collateral Account separate from the corporate funds of Exchange and from the funds of any affiliates or subsidiaries of Exchange, separate from the Cash Collateral of each other Contracting Party other than a Contracting Party Affiliate of the Contracting Party, and subject to a registered security interest in favour of Exchange in accordance with this Section 3.3. Exchange agrees to use all Cash Collateral only in accordance with the provisions of this Agreement. Exchange shall not be liable to the Contracting Party for any loss incurred as a result of any depositing of amounts into the Cash Collateral Account, and the Contracting Party shall be bound by the accounts and records of Exchange in determining and allocating the amount of any such loss.
- 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 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 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. **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” - Risk Management Policy.
- 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.

3.3.1. Contracting Party Affiliates

- a. **Set-Off** – The Contracting Party hereby agrees that Exchange shall be entitled to 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 this Agreement (or any Transaction or any Contracting Party Agreement entered into between Exchange and any Contracting Party Affiliate), whether under Sections 5.5, 5.6, 8.2 or 8.3 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 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 Set-Off hereby granted is in addition to any legal or equitable right of set-off granted at law, and does not require for its exercise any mutuality or connection, other than that hereby created, between the Obligations Set-Off. If an obligation or right is unascertained at the time of any such Set-Off, Exchange may in good faith estimate the amount or value of such obligation or right, in which case 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.
- b. **Guarantee of Contracting Party Affiliate** – The Contracting Party hereby unconditionally and irrevocably guarantees (the “Guarantee”) the due and punctual payment and performance in full when due, whether in the ordinary course, by termination, acceleration or otherwise, of all Obligations of its Contracting Party Affiliates to Exchange under the Contracting Party Agreements entered into by such Contracting Party Affiliates. All Collateral provided by a Contracting Party to Exchange hereunder (including without limitation all letters of credit) is provided not only to secure the performance of the Contracting Party’s Obligations hereunder, but also to secure the Contracting Party’s performance of the Guarantee. Except as

Exchange may otherwise agree, the Contracting Party acknowledges and agrees that Exchange may realize on the Collateral provided by it to Exchange hereunder (including without limitation drawing upon any letters of credit) to pay and perform the Contracting Party's Guarantee. This Guarantee is one of payment and not of collection. This Guarantee is irrevocable and shall remain in full force and effect and be binding upon the Contracting Party, its successors and assigns during the term of this Agreement and until all of the Obligations of its Contracting Party Affiliates have been satisfied in full. Upon the occurrence of a Default with respect to any Contracting Party or, except as Exchange may otherwise agree, any Contracting Party Affiliate, Exchange shall be entitled to draw upon any letter of credit provided to it by the Contracting Party to pay the Obligations and the Guarantee that are due.

- c. Suretyship Waiver – The Obligations of Contracting Party and its Contracting Party Affiliates and the grant of security in respect of this Agreement under this Agreement shall not be affected by any circumstance of any kind, including circumstances which might otherwise constitute a legal or equitable discharge of or defence of a guarantor or surety (other than payment in full).
- d. Collateral of Contracting Party Affiliate – Except as Exchange may otherwise agree in writing with the Contracting Party, for the purpose of securing the payment and performance of both the Contracting Party's Obligations and the Contracting Party's Guarantee, any Collateral provided by any Contracting Party and any Contracting Party Affiliate will be allocated between the Contracting Party and such Contracting Party Affiliate at any time and from time to time by Exchange to the extent required by the Risk Management Policy, the Liquidation Procedure pursuant to Section 5.6, the Close-out Procedure pursuant to Section 8.3, or as may be otherwise necessary to comply with the terms and conditions of this Agreement.

3.4 Agreements of Exchange

- a. Confidentiality –
 - (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 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 is not ICE NGX Data Products.
 - (iii) Nothing in this section 3.4. 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 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 the Contracting Party be kept confidential and secret by Exchange.
 - (iv) Treatment of Personal Data
 - (I) For the purpose of this Section 3.4, the terms “Process” (and derivations thereof), “Personal Data” and “Controller” shall have the meaning given to such terms in the General Data Protection Regulation (EU) 2016/679 (including any relevant implementing measure or successor legislation thereto).
 - (II) The Exchange is a Controller with respect to Personal Data provided to it by Contracting Parties and their representatives and may collect and use Personal Data for the purposes of fulfilling

contractual obligations and operating in accordance with the Contracting Party Agreement and Regulations.

(III) Each Contracting Party shall ensure that in respect of any Personal Data that it provides to the Exchange it has a lawful basis for processing the relevant Personal Data in this manner.

(IV) Each Contracting Party and the Exchange:

- (1) acknowledges that the recording of conversations between the trading, clearing and other relevant personnel of the Contracting Party and/or its affiliates and the Exchange and/or its affiliates in connection with the Contracting Party Agreement and any Transaction or potential Transaction will take place to the extent permitted or required under Regulations;
- (2) agrees, to the extent permitted by applicable law, that recordings may be submitted as evidence in any dispute as further set out in Section 3.2;
- (3) acknowledges that the other provisions of this Section 3.4 shall apply to any such recordings made by the Exchange; and
- (4) consents to such disclosures being made in accordance with the Contracting Party Agreement and as required under applicable Regulations.

- b. Software License – Exchange grants to the Contracting Party a limited, revocable, paid-up, non-transferable and non-exclusive license to use the ICE NGX Clearing System for the sole purpose of, and in accordance with, this Agreement. Exchange represents and warrants to the Contracting Party that it has the full right, power and authority to license the ICE NGX Clearing System to the Contracting Party.
- c. Data License – Exchange grants to the Contracting Party a limited, revocable, paid-up, non-transferable and non-exclusive license to use the ICE NGX Data Products for the sole purpose of and in accordance with this Agreement and the usage rights set forth Section 3.2.
- d. Indemnification for Infringement – Exchange agrees to protect, defend, hold harmless and indemnify the Contracting Party from and against any and all claims, damages, liabilities, losses and expenses for any infringement or alleged infringement of a patent, copyright, trade secret or other intellectual property right by the ICE NGX Clearing System or the Contracting Party’s use thereof. Exchange will have the sole right to defend, on behalf of the Contracting Party or in its own name, any such action for infringement but Exchange will provide the Contracting Party with reasonable information in respect of such action from time to time. Exchange may settle any action for infringement against the Contracting Party for which its obligation of indemnification of the Contracting Party is effective hereunder without the Contracting Party’s written approval and may settle any other such action for infringement with the Contracting Party’s written approval, which approval will not be unreasonably withheld. Exchange will have no indemnity obligation for infringement claims: (i) with respect to the ICE NGX Data Products or Trade Data; (ii) resulting from any combination, operation or use of the ICE NGX Clearing System with any programs or equipment not supplied by Exchange, if such infringement would have been avoided but for such use; (iii) resulting from any activity of the Contracting Party which is in breach of this Agreement; or (iv) if the Contracting Party does not give Exchange prompt notice of an infringement claim against it and provide Exchange, at Exchange’s cost, with reasonable assistance with the defence of the action.
- e. Encumbrances – Exchange hereby agrees not to create any security interest, pledge or otherwise encumber any amount deposited as Collateral, any amount payable by the Contracting Party, or any gas or Physical Power to be delivered by or received by the Contracting Party, under any Transaction except as held by Exchange, or any assignee of Exchange as contemplated by Section 9.6 of this Agreement, as Collateral and for the purpose of securing such Collateral for the Obligations of the Contracting Party.

- f. Access to ICE NGX Trading System and ICE NGX Clearing System – Exchange will provide access to the ICE NGX Trading System and ICE NGX Clearing System to the Contracting Party for such periods on each Business Day for Transactions in all Products that are available for trading and/or clearing as the case may be as may be designated by notice to the Contracting Parties from time to time, and may provide access on non-Business Days for trading and/or clearing as the case may be in some or all Products. Pursuant to Section 1.7, access to the ICE Trading Platform is governed exclusively by the ICE Participant Agreement.
- g. Confirmations – Exchange agrees to electronically deliver the appropriate Confirmations to the Contracting Party as soon as reasonably possible after the entering into of each: (i) Physically Settled Futures Transaction; (ii) Financially Settled Futures Transaction; (iii) Forward Transaction; and (iv) Option Transaction, respectively. Delivery of Physically Settled Gas Futures Confirmations, Physically Settled Power Futures Confirmations or Option Confirmations shall be in the form of an electronic report posted on Exchange’s Website (the “Electronic Report”) in the secured access section. The Contracting Party is responsible for accessing relevant Confirmations on the Electronic Report.
- h. Regulatory Approvals – Exchange hereby agrees to give notice of any termination of any Regulatory Approval in respect of the performance of this Agreement by Exchange to any Contracting Party whose performance of this Agreement is affected by such termination.
- i. ICE NGX Trading System Issues –
- (i) Upon determining that a Critical ICE NGX Trading System Issue exists, Exchange shall:
 - (I) immediately halt trading on the ICE NGX Trading System for all ICE NGX Products and withdraw all Orders for each Contracting Party from the ICE NGX Trading System;
 - (II) use commercially reasonable efforts to ensure all Contracting Parties are notified by telephone or email or through the ICE NGX Trading System that a Critical ICE NGX Trading System Issue exists;
 - (III) if the Critical ICE NGX Trading System Issue extends beyond one hour, use commercially reasonable efforts to advise all Contracting Parties on the status and progress in resolving such Critical ICE NGX Trading System Issue;
 - (IV) use commercially reasonable efforts to advise all Contracting Parties when the ICE NGX Trading System will be fully operational; and
 - (V) determine if it is necessary to extend the Trading Day and advise all Contracting Parties through the ICE NGX Trading System and by telephone.
 - (ii) Upon determining a Non-Critical ICE NGX Trading System Issue exists, Exchange shall:
 - (I) determine if the Non-Critical ICE NGX Trading System Issue requires that access to the ICE NGX Trading System be halted;
 - (II) send a message through the ICE NGX Trading System advising all Contracting Parties that a Non-Critical ICE NGX Trading System Issue exists and providing a report on the status; and
 - (III) send a message through the ICE NGX Trading System advising all Contracting Parties when the Non-Critical ICE NGX Trading System Issue will be resolved.
 - (iii) For clarity, any issues arising in connection with the ICE Trading Platform are not the responsibility of Exchange.

- j. Resolution of ICE NGX Trading System Issues – Exchange shall use commercially reasonable efforts to resolve and correct each Critical ICE NGX Trading System Issue as quickly as possible and, Exchange shall use commercially reasonable efforts to resolve and correct any Non-Critical ICE NGX Trading System issue within a reasonable time under the circumstances.
- k. Network Security – Exchange shall use commercially reasonable efforts to ensure that security systems and procedures designed to prevent unauthorized access to the ICE NGX Trading System and ICE NGX Clearing System through any network connections between the Contracting Party and the ICE NGX Trading System and ICE NGX Clearing System are implemented and maintained. Exchange will monitor the ICE NGX Trading System and ICE NGX Clearing System for and take commercially reasonable steps to prevent fraud and breaches of security. Upon learning of or suspecting any such fraud or breaches of security, that could affect the Contracting Party, Exchange will immediately notify the Contracting Party and take all commercially reasonable steps to remedy the situation, including without limitation halting the Contracting Party’s access to the ICE NGX Trading System and ICE NGX Clearing System and withdrawing all of the Contracting Party’s Orders from the ICE NGX Trading System.

3.5 ICE NGX Financial Power Auction System

Exchange may from time to time during the term of this Agreement conduct ICE NGX Financial Power Auctions using the ICE NGX Financial Power Auction System. The clearing of any and all resulting Transactions is governed by the terms and conditions of this Agreement.

3.6 Open Position Limits

Exchange may set and vary from time to time the Open Position Limit for the Contracting Party. In the event the Contracting Party exceeds the Open Position Limit, Exchange will review the Open Position Limit and may cancel some or all Orders of the Contracting Party upon giving 24 hours’ notice of such cancellation to the Contracting Party where reasonably practicable to do so.

3.7 Trades in Error

The following trade in error provisions apply only to Transactions involving ICE NGX Products. For greater clarity, these provisions do not apply to Exchange of Futures for Related Product Transactions. Trades in error for ICE Transactions are dealt with exclusively through the ICE Participant Agreement. In the event that Exchange is notified by ICE that a trade in error has occurred in an ICE Transaction that has been accepted for clearing by ICE NGX subject to ICE NGX’s Exchange of Futures for Related Product provision, Exchange is entitled to rely solely on this notification with regard to taking any and all appropriate and necessary action on the ICE NGX Clearing System and has no liability whatsoever for any resulting claims, losses, damages, expenses or costs, regardless of whether the claim arises in contract, tort, negligence, strict liability or otherwise.

- a. Notice by Contracting Party – Whenever a Contracting Party has entered into a Transaction in error through the ICE NGX Trading System or into the ICE NGX Clearing System (pursuant to an Exchange of Futures for Related Product Transaction) has been entered in error, such Contracting Party may bring such error to the attention of Exchange within ten (10) minutes after such error occurs.
- b. Consequences – In the event a trade in error contemplated by this Section 3.7 is brought to the attention of Exchange within ten (10) minutes after such error occurs (the “Reporting Time”), the following procedure will apply:
 - (i) Exchange will give notice on the ICE NGX Trading System that a trade in error has been reported and is under investigation;
 - (ii) Exchange may cause a General Suspension in respect of the Product which is the subject of the Transaction entered into in error;

- (iii) if the Transaction is outside the Market Price Band, Exchange will be entitled, in its sole discretion, to cancel the Transaction; and
 - (iv) if the Transaction is within the Market Price Band, Exchange will contact the Contracting Parties who are parties to the Transaction to determine whether such Contracting Parties will consent to the cancellation of the trade in error, and if such consent is given by all of the Contracting Parties to such Transaction, the Transaction will be cancelled and notice given on the ICE NGX Trading System as to the cancellation of such Transaction; or
 - (v) failing such consent to the cancellation of the trade in error being granted within ten (10) minutes of the Reporting Time, the Transaction will not be cancelled and the Transaction and any and all resulting Obligations remain valid and binding upon all Contracting Parties to the Transaction.
- c. Consequences – In the event a trade in error contemplated by this Section 3.7 is brought to the attention of Exchange more than ten (10) minutes after such error occurs, the following procedure will apply:
- (i) Exchange may give notice on the ICE NGX Trading System that a trade in error has been reported and is under investigation;
 - (ii) Exchange may cause a General Suspension in respect of the Product which is the subject of the Transaction entered into in error; and
 - (iii) Exchange may contact the Contracting Parties who are parties to Transaction relating thereto to determine whether such Contracting Parties will consent to the cancellation of the trade in error, and if such consent is given by all of the Contracting Parties to such Transaction, the Transaction will be cancelled and notice given on the ICE NGX Trading System as to the cancellation of such Transaction. If consent is not given by both Contracting Parties to such Transaction, the Transaction will not be cancelled and the Transaction and any and all resulting Obligations remain valid and binding upon all Contracting Parties to the Transaction.
- d. Liquidated Damages – Without limitation to any other rights or remedies of Exchange under this Agreement or at law, equity or otherwise, in appropriate circumstances determined in the sole discretion of Exchange, Exchange may assess an amount as liquidated damages of \$5,000 payable by the Contracting Party who has entered into the Transaction in error, representing the pre-estimated amount of the costs of investigation and damage suffered by Exchange in respect of injury to the development, reputation and integrity of the business carried on by Exchange.
- e. Indices – All transactions determined to be trades in error that result in the cancellation of a Physically Settled Futures Transaction will not be included in the completion of the relevant index.

3.8 Market Makers and Liquidity Providers

- a. Appointment – Subject to the concurrence of the Contracting Party to be appointed, Exchange may appoint, and maintain as confidential the identity of, any one or more Contracting Parties as a market maker or liquidity provider in one or more Products in the event that in the opinion of Exchange such appointment will assist in the provision of a fair and orderly market on such terms and conditions as may be negotiated with any such Contracting Party which are not inconsistent with this Agreement, except in respect of the existence of such additional agreement in respect of such appointment between the Contracting Party and Exchange.
- b. Responsibilities –
 - (i) Any Contracting Party appointed as a market maker will agree to use commercially reasonable efforts throughout each Trading Day to post bids and offers that meet the market criteria in certain Products and to submit orders to allow the Products to meet the required market criteria should any Products not be posted with bids and offers within the market criteria. The market criteria for any Product shall

be set by Exchange from time to time having regard to the objective of achieving a fair and orderly market; and

- (ii) Any Contracting Party appointed as a liquidity provider will agree to use commercially reasonable efforts to provide target levels of trading volume in certain Products.
- c. Compliance – All activities including the entering into of any Transactions by any Contracting Party pursuant to its role as market maker or liquidity provider as authorized by this Agreement and any such additional agreement in respect of such activities as authorized hereunder will be made in accordance with the provisions of this Agreement and applicable law. Such activities caused by the Contracting Party in its role as market maker or liquidity provider will not be considered by Exchange as any marketing irregularities as described in this Agreement.

3.9 Contracting Party Event of Default

- a. Event of Default – Exchange may declare an Event of Default in respect of the Contracting Party on the occurrence and continuation of the following events:
- (i) Default by Contracting Party or Contracting Party Affiliate – A Default by or in respect of the Contracting Party or a Default or Event of Default in respect of any Contracting Party Affiliate of the Contracting Party;
 - (ii) Credit Support Default –
 - (I) failure by the Contracting Party or any Credit Support Provider to comply with or perform any agreement or obligation to be complied with or performed by it in accordance with any Credit Support Document if such failure is continuing after any applicable grace period has elapsed; or
 - (II) the expiration or termination of any Credit Support Document or the failing or ceasing of any Credit Support Document, or any security interest granted by such party or a Credit Support Provider to Exchange, to be in full force and effect for the purpose of this Agreement (in each case other than in accordance with its terms) prior to the satisfaction of all Obligations of the Contracting Party under any Transaction or this Agreement to which a Credit Support Document or security interest relates without the written consent of Exchange;
 - (iii) Misrepresentation – A representation made or repeated or deemed to have been made or repeated by any Credit Support Provider or the Contracting Party in this Agreement or any Credit Support Document proves to have been incorrect or misleading in any material respect when made or repeated or deemed to have been made or repeated;
 - (iv) Bankruptcy – The Contracting Party or any Credit Support Provider or any Specified Entity; (1) is dissolved (other than pursuant to a consolidation, amalgamation or merger); (2) becomes insolvent or is unable to pay its debts or fails or admits in writing its inability generally to pay its debts as they become due; (3) makes a general assignment, arrangement or composition with or for the benefit of its creditors; (4)(A) institutes or has instituted against it, by a regulator, supervisor or any similar official with primary insolvency, rehabilitative or regulatory jurisdiction over it in the jurisdiction of its incorporation or organization or the jurisdiction of its head or home office, a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation by it or such regulator, supervisor or similar official, or (B) has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and such proceeding or petition is instituted or presented by a person or entity not described in clause (A) above; (5) has a resolution passed for its winding-up, official management or liquidation (other than pursuant to a consolidation, amalgamation or merger); (6) seeks or becomes

subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets; (7) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets; (8) causes or is subject to any event that, under the applicable laws of any jurisdiction, has an analogous effect to any of the events specified in clauses (1) to (7) (inclusive); or (9) takes any action in furtherance of, or indicating its consent to, approval of, or acquiescence in, any of the foregoing acts; or (10) in the case of a bank, trust and loan company, credit union, treasury branch, caisse populaire or similar entity, (i) is taken control of, under the relevant applicable legislation, by a regulator, supervisor or any similar official with primary prudential oversight over it; (ii) is the subject of an order for the winding up of the entity or the resolution of the entity, which may include any of (A) vesting the shares or debt of the entity in a regulatory or supervisory body, (B) appointing a receiver in respect of the entity, (C) its deposit liabilities are assumed by a bridge institution, or (D) converting the shares or debt of the entity; (iv) causes or is subject to any event that, under the applicable laws of any jurisdiction, has an analogous effect to any of the events specified in clauses (1) to (7) (inclusive) or clause 10 takes any action in furtherance of, or indicating its consent to, approval of, or acquiescence in, any of the foregoing acts;

- (v) Merger Without Assumption – The Contracting Party or any Credit Support Provider of the Contracting Party consolidates or amalgamates with, or merges with or into, or transfers all or substantially all its assets to, or reorganizes, reincorporates or reconstitutes into or as another entity and, at the time of such consolidation, amalgamation, merger or transfer, reorganization, reincorporation or reconstitution:
 - (I) the resulting, surviving or transferee entity fails to assume all the Obligations of the Contracting Party or the obligations of such Credit Support Provider under this Agreement or any Credit Support Document to which it or its predecessor was a party; or
 - (II) the benefits of any Credit Support Document fail to extend (without the consent of the other party) to the performance by such resulting, surviving or transferee entity of its obligations under this Agreement, and
- (vi) Cross-Default – An event of default is declared in respect of the Contracting Party, any affiliate of the Contracting Party or any Credit Support Provider of the Contracting Party, at any other clearinghouse as “event of default” is defined in the respective rulebook of the other clearinghouse.

b. Notification of Event of Default – As soon as practicable after declaring an Event of a Default in respect of a Contracting Party, Exchange will:

- (i) notify the Defaulting Party (except that no notice is required where such Defaulting Party becomes insolvent or is unable to pay its debts or institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy);
- (ii) notify each applicable regulatory authority as required under applicable Regulations; and
- (iii) publish a notice on Exchange’s website that an Event of Default has been declared in respect of the Contracting Party, as required under applicable Regulations.

3.10 Exchange Bankruptcy Event of Default

a. Exchange Bankruptcy – An Exchange Bankruptcy Event of Default will be deemed to occur on the occurrence and continuation of the following events:

- (i) Exchange institutes or becomes subject to a proceeding under any bankruptcy, arrangement, reorganization, dissolution, liquidation, insolvency, winding-up or similar law of any jurisdiction now

or hereafter in effect, the primary purpose of which is relief from Exchange's creditors, including, without limitation the CCAA, the BIA or the WURA;

- (ii) the making by Exchange of any assignment for the general benefit of creditors including, without limitation, any assignment made pursuant to the BIA;
 - (iii) the appointment or taking possession by a receiver, receiver and manager, interim receiver, monitor, liquidator, assignee, custodian, trustee, sequestrator or other similar agent for Exchange or for substantially all of Exchange's assets;
 - (iv) the filing by Exchange of a proposal or a notice of intention to make a proposal under the BIA;
 - (v) the entry of an order of garnishment, attachment, charging order, execution, warrant, sequestration, levy, third party demand or similar proceedings by any person in respect of any material portion of the assets, property or undertaking of Exchange;
- b. Limitation – Notwithstanding the above, if any of the proceedings referred to in 3.10.a.(i), the appointment referred to in 3.10.a.(iii) and the order referred to in 3.10.a.(v), as applicable, are instituted or presented against Exchange, an Exchange Bankruptcy Event of Default will only occur if:
- (i) such proceeding, appointment or order is not contested on a timely basis by Exchange; and
 - (ii) any such proceeding, appointment or order is not withdrawn, dismissed, discharged, stayed or restrained in each case within 30 days of the institution or commencement thereof.

3.11 Required Information and Required Notices to Exchange

a. Required Information -

- (i) Annual Financial Statements – Within 140 days of the end of fiscal year, the Contracting Party will file with Exchange audited or, if audited are not available, unaudited consolidated financial statements for the fiscal year within 140 days of the end of fiscal year to evidence that the Contracting Party continues to satisfy the Minimum Qualification Requirement.
- (ii) Interim Financial Statements – On request of Exchange, the Contracting Party will file with Exchange the Contracting Party's unaudited consolidated financial statements for each of the Contracting Party's first three fiscal quarters within 60 days of the end of such fiscal quarter or such substitutional financial information as may be acceptable to Exchange and the Contracting Party.
- (iii) Periodic Contracting Party Information Update – On request of Exchange, the Contracting Party will provide Exchange with current information in respect of the Contracting Party's legal status, affiliations, operations and contact names and information, all in the form and timing required by Exchange.
- (iv) Further Information – The Contracting Party agrees to provide
 - (I) such reasonable additional financial or other information as may be requested by Exchange from time to time and which is reasonably necessary for the administration or prudent operation of the ICE NGX Trading System or the ICE NGX Clearing System;
 - (II) reasonable confirmation in respect of the representations and warranties of the Contracting Party provided in Sections 2.1 and 2.3 and of the Credit Support Provider provided in Section 2.2; and
 - (III) such further documentation or information as is required from time to time by Exchange, including but not limited to supporting documentation or information relating to tax matters.

- (v) Further inquires – The Contracting Party agrees to Exchange making such further investigations, inquiries or credit checks as Exchange may deem reasonably necessary and agrees to provide such documentation or information as is requested by Exchange in the conduct of such investigation or inquiry.

b. Required Notices

- (i) Material Adverse Change in Financial Condition – The Contracting Party agrees to notify Exchange of any material adverse change in the financial condition of the Contracting Party or the Credit Support Provider, and of any material change to any of the information provided to Exchange in the Application or pursuant to any inquiry by Exchange.
- (ii) Minimum Qualification Requirements Not Met – The Contracting Party agrees to notify Exchange promptly upon becoming aware that the Contracting Party does not, or will not, satisfy the Minimum Qualification Requirements set out in this Agreement.
- (iii) Prior Notice of Corporate Transaction or Name Change – Contracting Party will provide Exchange 30 days’ prior written notice of any name change, merger, amalgamation, division, consolidation or similar non-recurring transaction, arrangement or agreement, including any change in control, in respect of the Contracting Party or the Credit Support Provider. In connection with any such name change, merger, amalgamation, division, consolidation, or other non-recurring transaction, arrangement or agreement, Contracting Party will execute any further instruments and take further action as Exchange reasonably requests to perfect or continue Exchange’s first ranking Lien on the Collateral.
- (iv) Notice of Event of Default – The Contracting Party is required to, and agrees to and acknowledges the requirement to, notify Exchange promptly upon
 - (I) the occurrence of any event listed in paragraph 3.9.c, in respect of the Contracting Party or any Credit Support Provider or any Specified Entity;
 - (II) becoming aware of an intention for a merger without assumption as described in Section 3.9, in respect of the Contracting Party or any Credit Support Provider.

ARTICLE 4 - PHYSICALLY SETTLED FUTURES TRANSACTIONS AND PHYSICALLY SETTLED FUTURES PRODUCTS

4.1 Physically Settled Gas Futures Products - General

- a. Forms of Physically Settled Gas Futures Products – The forms of Physically Settled Gas Futures Products and a description of such Physically Settled Gas Futures Products which may be made available by Exchange to the Contracting Party from time to time is set forth in the ICE NGX Product List and Schedules "F", "G" or "J".
- b. Forward Transactions – The Exchange may make available for trading Forward Products which are not cleared by the ICE NGX Clearing System, except pursuant to the Exchange of Futures for Related Product provision of Section 3.2. Forward Products are made available on the ICE NGX Trading System for Gas Products with Canadian delivery points. Forward Products for Gas Products with U.S. delivery points are available for trading on the ICE Trading Platform.
- c. Futures Transactions – The Exchange may make available for trading Physically Settled Gas Futures Products for which clearing by ICE NGX Clearing System is required. Physically Settled Gas Futures Products with Canadian and U.S. Delivery Points are available for trading on ICE NGX.
- d. Bids and Offers for Canadian Delivery Points – Bids and offers of Forward Products in Gas with Canadian delivery points available for trading on ICE NGX are separated from and do not interact with bids and offers of Physically Settled Gas Futures Products with Canadian Delivery Points available for trading on ICE NGX.
- e. Bids and Offers for U.S. Delivery Points – Bids and offers of Forward Products in Gas with U.S. Delivery Points ("ICE Gas Products") and Physically Settled Gas Futures Products with U.S. Delivery Points ("ICE NGX Gas Products") are included within a single electronic display. A bid or offer for an ICE Gas Product does not interact with bids or offers for an ICE NGX Gas Product unless the Contracting Party designates it as an ICE-Originated Order, which is termed by the ICE Trading Platform to be a "Clearing Enabled Order." An ICE-Originated Order interacts only with bids or offers for ICE Gas Products unless best execution would be as an ICE NGX Gas Product. In that case, the ICE-Originated bid or offer is matched and executed as an ICE NGX Physically Settled Gas Futures Product and cleared by ICE NGX as such.
- f. Entering into Physically Settled Futures Transactions – Each of Exchange and the Contracting Party, in its respective capacity as the Buyer or the Seller, as the case may be, agrees to be bound by any Physically Settled Futures Transactions entered into by the Contracting Party through the ICE NGX Trading System or under the EFRP provision of Section 3.2. Each of Exchange and the Contracting Party agrees to pay the Purchase Amount and any amount of GST and take receipt of gas or deliver gas as may be required pursuant to any such Physically Settled Futures Transactions.
- g. Recourse Against Exchange – Exchange agrees to pay or cause to be paid the Purchase Amount to the Seller, to deliver or cause the delivery of the Contract Quantity of gas to the Buyer and to take or cause to be taken the Contract Quantity of gas from the Seller. The Contracting Party and Exchange hereby agree that the recourse of the Contracting Party in respect of any Physically Settled Futures Transactions is solely against Exchange. The Contracting Party will be entitled to the rights of recourse against Exchange set forth under this Agreement in the event of any Failure to Deliver, Failure to Pay or Failure to Take by Exchange relating to a Physically Settled Futures Transaction. In the event that there is such a Failure to Deliver, Failure to Pay or Failure to Take by Exchange which is not remedied by Exchange within five Business Days and is not the subject matter of Mediation or Arbitration, and there is at that time a Defaulting Party under this Agreement or any other Contracting Party Agreement, Exchange will (if requested) disclose the name of any such Defaulting Party to any Contracting Parties affected by any such Failure to Deliver, Failure to Pay or Failure to Take, including the Contracting Party; provided however that any such disclosure by Exchange will not relieve Exchange of its liability to the recipient of the disclosure.

- h. Settlement of Invoice Amounts – All amounts payable by a Contracting Party under any Physically Settled Gas Futures Transaction are due and are payable and are to be settled pursuant to Article 7 and the terms of this Agreement. On the Physical Settlement Date, Exchange will not remit any amounts payable from Exchange to the Contracting Party until all amounts payable from the Contracting Party to Exchange have been received by Exchange.
- i. Netting of Obligations to Deliver or Take – All Obligations of Exchange and the Contracting Party to deliver or cause the delivery of the Contract Quantity of gas or take or cause to be taken the Contract Quantity of gas at any Delivery Point in satisfaction of a Physically Settled Gas Futures Transaction will be satisfied by the delivery or taking of the Contract Quantity to or from Exchange, as the case may be, on a net basis in accordance with this Agreement.
- j. The obligations of the Exchange and Contracting Party under any Physically Settled Gas Futures Transaction will be fully performed upon the payment of all amounts by the Buyer and the corresponding Seller.

4.2 Physically Settled Power Futures Products - General

- a. Forms of Physically Settled Power Futures Products – The forms of Physically Settled Power Futures Products and a description of such Physically Settled Power Futures Products which may be made available by Exchange to the Contracting Party from time to time is set forth in the ICE NGX Product List and Schedule “K”
- b. Forward Transactions – Exchange may make available for trading Forward Products which are not cleared by the ICE NGX Clearing System, except pursuant to the Exchange of Futures for Related Product provision of Section 3.2. Forward Products for Physical Power Products with U.S. Delivery Points are available for trading on the ICE Trading Platform.
- c. Futures Transactions – Exchange may make available for trading Physically Settled Futures Products for which clearing by ICE NGX Clearing System is required. Physically Settled Power Futures Products are available for trading on the ICE NGX Trading System.
- d. Bids and Offers for U.S. Delivery Points – Bids and offers of Forward Products in Physical Power with U.S. Delivery Points (“ICE Physical Power Products”) and Physically Settled Power Futures Products with U.S. Delivery Points (“ICE NGX Physical Power Products”) are included within a single electronic display. A bid or offer for an ICE Physical Power Product does not interact with bids or offers for an ICE NGX Physical Power Product unless the Contracting Party designates it as an ICE-Originated Order, which is termed by the ICE Trading Platform to be a “Clearing Enabled Order.” An ICE-Originated Order interacts only with bids or offers for ICE Physical Power Products unless best execution would be as an ICE NGX Physical Power Product. In that case, the ICE-Originated bid or offer is matched and executed as an ICE NGX Physically Settled Power Futures Product and cleared by ICE NGX as such.
- e. Entering into Physically Settled Futures Transactions – Each of Exchange and the Contracting Party, in its respective capacity as the Buyer or the Seller, as the case may be, agrees to be bound by any Physically Settled Futures Transactions entered into by the Contracting Party through the ICE NGX Trading System or under the EFRP provision of Section 3.2. Each of Exchange and the Contracting Party agrees to pay the Purchase Amount and any applicable taxes and take receipt of Physical Power or deliver Physical Power as may be required pursuant to any such Physically Settled Futures Transactions.
- f. Settlement of Invoice Amounts – All amounts payable by a Contracting Party under any Physically Settled Power Futures Transaction are due and are payable and are to be settled pursuant to Article 7 and the terms of this Agreement. On the Physical Settlement Date, Exchange will not remit any amounts payable from Exchange to the Contracting Party until all amounts payable from the Contracting Party to Exchange have been received by Exchange.

- g. Netting of Obligations to Deliver or Take – All Obligations of Exchange and the Contracting Party to schedule to deliver the Contract Quantity of Physical Power or schedule to take the Contract Quantity of Physical Power at any U.S. Delivery Point in satisfaction of a Physically Settled Power Futures Transaction will be satisfied by the scheduling of the delivery or taking of the Contract Quantity to or from Exchange, as the case may be, on a net basis in accordance with this Schedule “K” of this Agreement.
- h. The obligations of the Exchange and Contracting Party under any Physically Settled Power Futures Transaction will be fully performed upon the payment of all amounts by the Buyer and the corresponding Seller.

ARTICLE 5 - RECOURSE AND LIABILITY

5.1 Failure to Deliver

- a. By the Seller – In the event of a Failure to Deliver by the Seller, the Seller will pay to Exchange an amount equal to:
- (i) the reasonable direct costs, claims, expenses and damages suffered or incurred by Exchange as a result of the Seller's failure to deliver the Failure Quantity including, without limitation or duplication, (a) any excess of the cost of (I) obtaining a quantity of gas or (II) scheduling to obtain a quantity of Physical Power, as applicable, equal to the Failure Quantity over that portion of the Purchase Amount that would have been payable with respect to the Failure Quantity (the "Seller Replacement Amount"); (b) the costs or charges, if any, levied by the applicable Transportation System, or Transmission Provider as a result of such Failure to Deliver; (c) transportation, storage and other costs, if any, related to obtaining the Failure Quantity, and (d) in the case of a Failure to Schedule to Deliver, any additional Transmission Provider fees, charges, collateral calls or penalties; plus
 - (ii) interest from the date of the occurrence of the Failure to Deliver at the Default Rate to and including the date of payment to Exchange of all such amounts; plus,
 - (iii) liquidated damages of:
 - (I) with respect to Physically Settled Gas Futures Transactions, \$5,000 representing the pre-estimated amount of the costs of investigation and damage suffered by Exchange in respect of injury to the development of, reputation and integrity of the business carried on by Exchange if (a) the Failure to Deliver occurs during a System Constraint Period, and (b) Exchange has determined in its sole discretion that appropriate circumstances exist for the application of such liquidated damages; and
 - (II) with respect to Physically Settled Power Futures Transactions, \$5,000, representing the pre-estimated amount of the costs of investigation and damage suffered by Exchange in respect of injury to the development of, reputation and integrity of the business carried on by Exchange if Exchange has determined in its sole discretion that appropriate circumstances exist for the application of such liquidated damages,
- b. Invoicing for Damages — Exchange will enter trade adjustments into the ICE NGX Clearing System for the account of the Seller to reflect any amounts owing to or owed by Seller under paragraph 5.1.a. Exchange will use best efforts to enter such trade adjustments prior to the date the applicable Invoice is locked for payment in accordance with subsection 7.1.c.
- c. Exchange as Pass-through for Damages — Notwithstanding any other provision of this Agreement, Exchange reserves the right to pass on to the Contracting Party any direct damages passed to Exchange under this Section 5.1 that directly result from a failure by the Contracting Party to perform its obligations to make delivery of natural gas in a timely manner as set out in this Agreement, even if the Contracting Party eventually made full delivery of the Contract Quantity to be delivered under a Physically Settled Gas Futures Transaction.
- d. By Exchange – In the event of a Failure to Deliver by Exchange, Exchange will pay to the Buyer an amount equal to:
- (i) the reasonable direct costs, claims, expenses and damages suffered or incurred by the Buyer as a result of Exchange's failure to deliver the Failure Quantity including, without limitation or duplication, (a) any excess of the cost of obtaining (I) obtaining a quantity of gas or (II) scheduling to obtain a quantity of Physical Power, as applicable, equal to the Failure Quantity over that portion of the Purchase Amount that would have been payable with respect to the Failure Quantity, (b) the costs or

charges, if any, levied by the applicable Transportation System, or Transmission Provider as a result of such Failure to Deliver, (c) transportation, transmission, storage and other costs, if any, related to obtaining the Failure Quantity, (d) in the case of Physical Power, any additional Transmission Provider fees, charges, collateral calls or penalties; plus

- (ii) interest from the date of the occurrence of the Failure to Deliver at the Default Rate to and including the date of payment to the Buyer of all such amounts.

e. Providing Quantum of Damages —

- (i) On or before the 5th calendar day of the month following the delivery month, Buyer will provide to Exchange, in a manner acceptable to Exchange, the amounts payable by Exchange under paragraph 5.1.d (i) and (ii), including an explanation thereof, in respect of the Physically Settled Futures Transaction which is the subject of the Failure to Deliver.
- (ii) Notwithstanding section 5.1.d and paragraph 5.1.e (i), if the Failure to Deliver relates to a Physically Settled Gas Futures Transaction with a U.S. Delivery Point and Buyer does not deliver the information described in paragraph 5.1.e (i) within the required time, Exchange will enter trade adjustments into the ICE NGX Clearing System reflecting, for the account of the Buyer as full satisfaction of any amounts owing to Buyer as a result of the Failure to Deliver,
 - (I) the Gas Daily Absolute High price at the applicable delivery point on the applicable gas day for the Failure Quantity, or
 - (II) if the Gas Daily Absolute High price at the applicable delivery point on the applicable gas day is equal to or greater than the Gas Daily Midpoint price plus 50% at the applicable delivery point on the applicable gas day, the amount that is equal to the Gas Daily Midpoint price plus 50% at the applicable delivery point on the applicable day for the Failure Quantity.
- (iii) Exchange will use best efforts to enter such trade adjustments prior to the date the applicable Invoice is locked for payment in accordance with subsection 7.1.c.

5.2 Failure to Pay

- a. By the Buyer – In the event of a Failure to Pay by the Buyer, the Buyer will pay to Exchange an amount equal to:
 - (i) the Failure Amount; plus
 - (ii) interest from the date of the occurrence of the Failure to Pay at the Default Rate to and including the date of payment to Exchange of all such amounts; plus,
 - (iii) in appropriate circumstances determined in the sole discretion of Exchange, an amount as liquidated damages of:
 - (I) Reserved;or
 - (II) \$5,000;

representing the pre-estimated amount of the costs of the investigation and damage suffered by Exchange in respect of injury to the development, reputation and integrity of the business carried on by Exchange.

Exchange will deliver to the Buyer a separate Invoice in respect of the Failure to Pay itemizing separately the amounts payable under (i), (ii) and, if applicable, (iii).

- b. By Exchange – In the event of a Failure to Pay by Exchange that is (i) not rectified by Exchange within three (3) Business Days of the receipt of a notice of Failure to Pay by Exchange and (ii) not satisfied by payment from the Escrow Agent in respect of a Direction to Pay pursuant to, and as defined in, the Deposit Agreement, Exchange will pay to the Seller an amount equal to:
- (i) the Failure Amount; plus
 - (ii) interest from the date of the occurrence of the Failure to Pay at the Default Rate to and including the date of payment to the Seller of all such amounts.

The Seller will deliver to Exchange a separate Invoice in respect of the Failure to Pay itemizing separately the amounts payable under (i) and (ii).

5.3 Failure to Take

- a. By the Buyer – In the event of a Failure to Take by the Buyer, the Buyer will pay to Exchange an amount equal to:
- (i) the reasonable direct costs, claims, expenses and damages suffered or incurred by Exchange as a result of the Buyer’s failure to take the Failure Quantity including without limitation or duplication, (a) any excess of that portion of the Purchase Amount payable with respect to the Failure Quantity over the proceeds from the sale of the Failure Quantity, if any (the “Buyer Replacement Amount”); (b) the cost of storing or selling a quantity of gas, equal to the Failure Quantity; (c) the costs or charges, if any, levied by the applicable Transportation System, or Transmission Provider as a result of such Failure to Take; (d) transportation, transmission, storage and other costs, if any, related to the Failure to Take the Failure Quantity; and (e) in the case of Physical Power, any additional Transmission Provider fees, charges or penalties (including any collateral calls); plus,
 - (ii) interest from the date of the occurrence of the Failure to Take at the Default Rate to and including the date of payment to Exchange of all such amounts; plus
 - (iii) liquidated damages of:
 - (I) with respect to Physically Settled Gas Futures Transactions, \$5,000 representing the pre-estimated amount of the costs of investigation and damage suffered by Exchange in respect of injury to the development of, reputation and integrity of the business carried on by Exchange if (a) the Failure to Take occurs during a System Constraint Period, and (b) Exchange has determined in its sole discretion that appropriate circumstances exist for the application of such liquidated damages; and
 - (II) with respect to Physically Settled Power Futures Transactions, \$5,000 representing the pre-estimated amount of the costs of investigation and damage suffered by Exchange in respect of injury to the development of, reputation and integrity of the business carried on by Exchange if Exchange has determined in its sole discretion that appropriate circumstances exist for the application of such liquidated damages.
- b. Invoicing for Damages — Exchange will enter trade adjustments into the ICE NGX Clearing System for the account of the Buyer to reflect any amounts owing to or owed by Buyer under paragraph 5.3.a. Exchange will use best efforts to enter such trade adjustments prior to the date the applicable Invoice is locked for payment in accordance with subsection 7.1.c.

- c. Exchange as Pass-through for Damages — Notwithstanding any other provision of this Agreement, Exchange reserves the right to pass on to the Contracting Party any direct damages passed to Exchange under this Section 5.3 that directly result from a failure by the Contracting Party to perform its obligations to take delivery of natural gas in a timely manner as set out in this Agreement, even if the Contracting Party eventually took full delivery of the Contract Quantity to be delivered under a Physically Settled Gas Futures Transaction.
- d. By Exchange — In the event of a Failure to Take by Exchange, Exchange will pay to the Seller an amount equal to:
- (i) the reasonable direct costs, claims, expenses and damages suffered or incurred by the Seller as a result of Exchange's failure to take the Failure Quantity including, without limitation or duplication, (a) any excess of that portion of the Purchase Amount payable with respect to the Failure Quantity over the proceeds from the sale of the Failure Quantity, if any, (b) the cost of storing or selling a quantity of gas, equal to the Failure Quantity, (c) the costs or charges, if any, levied by the applicable Transportation System, or Transmission Provider as a result of such Failure to Take, and (d) transportation, transmission, storage and other costs, if any, related to the Failure to Take the Failure Quantity; plus
 - (ii) interest from the date of the occurrence of the Failure to Take at the Default Rate to and including the date of payment to the Seller of all such amounts.
- e. Providing Quantum of Damages —
- (i) On or before the 5th calendar day of the month following the delivery month, Seller will provide to Exchange, in a manner acceptable to Exchange, the amounts payable by Exchange under paragraph 5.3.d (i) and (ii), including an explanation thereof, in respect of the Physically Settled Futures Transaction which is the subject of the Failure to Take.
 - (ii) Notwithstanding section 5.3.d and paragraph 5.3.e (i), if the Failure to Take relates to a Physically Settled Gas Futures Transaction with a U.S. Delivery Point and Seller does not deliver the information described in paragraph 5.3.e. (i) within the required time, Exchange will enter trade adjustments into the ICE NGX Clearing System reflecting, for the account of the Seller as full satisfaction of any amounts owing to Seller as a result of the Failure to Take,
 - (I) the Gas Daily Absolute Low price at the applicable delivery point on the applicable gas day for the Failure Quantity, or
 - (II) if the Gas Daily Absolute Low price at the applicable delivery point on the applicable gas day is equal to or lesser than the Gas Daily Midpoint price minus 50% at the applicable delivery point on the applicable gas day, the amount that is equal to the Gas Daily Midpoint price minus 50% at the applicable delivery point on the applicable day for the Failure Quantity.
 - (iii) Exchange will use best efforts to enter such trade adjustments prior to the date the applicable Invoice is locked for payment in accordance with subsection 7.1.c.

5.4 Failure to Provide Eligible Collateral Support

Without limitation to any other rights or remedies of Exchange under this Agreement, at law, in equity or otherwise, if a Failure to Provide Eligible Collateral Support by any Contracting Party occurs, Exchange may exercise any of its rights under Section 5.5 and Section 8.2.

5.5 Rights of Exchange in Physically Settled Futures Transactions

On the occurrence, or upon Exchange becoming aware, or, in the case of a Physically Settled Power Futures Transaction, upon the determination by Exchange in accordance with Schedule “K”, of a Default with respect to the Contracting Party, or in the event of a dispute over a Transaction entered into pursuant to Sections 3.2, Exchange will notify the Defaulting Party (except that no notice is required where such Defaulting Party becomes insolvent or is unable to pay its debts or institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy) and thereafter 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, may exercise any combination of the rights and remedies contained in this Section 5.5 or Sections 5.6, 8.2 or 8.3 and any rights or remedies under this Agreement or at law, equity or otherwise including, without limitation, its rights to:

- a. pursuant to Section 3.3 and Schedule “C”, request an additional amount of Eligible Collateral Support from the Defaulting Party;
- b. pursuant to Section 6.4, cause a Contracting Party Suspension for a period, which may be in excess of the period during which the Defaulting Party is in Default, or permanently;
- c. declare any amounts for gas delivered, any amounts of Physical Power scheduled for delivery, or any unpaid Invoices immediately due and payable and to withhold payments under this Agreement (including, without limitation, under any Transaction) and withhold such payments as if paid or provided to Exchange as Collateral;
- d. Reserved;
- e. with respect to Physically Settled Power Futures Transactions, cancel or amend any schedules to deliver or take Physical Power from Contracting Party by amending its schedule in the Transmission Provider system;
- f. impose a summary sanction on the Contracting Party in accordance with section 6.5; or
- g. terminate any Transaction, or declare immediately payable or to be performed any Obligations in respect of any Physically Settled Futures Transaction, any ICE NGX Liquidation Transaction or this Agreement and, in connection therewith, exercise any of the following rights:
 - (i) pursuant to Section 3.3 or Section 8.3, Set-Off, in whole or in part (including by entering into Offsetting Transactions), any Obligations payable or to be performed by Exchange (to the Defaulting Party or to any Contracting Party Affiliate of the Defaulting Party) against Obligations payable or to be performed by the Defaulting Party (or by any Contracting Party Affiliate of the Defaulting Party) to Exchange, which Obligations may extend to periods beyond the periods during which the Contracting Party is in Default;
 - (ii) demand payment under or in respect of, sell, realize upon, use or drawdown the Collateral and apply such Collateral to the Contracting Party’s Obligations; or
 - (iii) terminate this Agreement by notice to the Defaulting Party to be effective upon the date of receipt or deemed receipt (which notice may be the same as that delivered under this Section 5.5 or under Section 8.2 or 8.3); provided, this Agreement shall remain in effect for Transactions entered into prior to the date of termination until all Obligations to Exchange in respect of such Transactions have been paid and performed.

For the purpose of converting any sum in any currency into Canadian dollars, the rate used for converting such currency into Canadian dollars shall be the actual rate Exchange obtained from Exchange’s Principal Banker when converting into Canadian dollars. Any such amounts which are immediately due and payable, but would have been payable at a future date except for the provisions of this Section 5.5, will be discounted to present value. The rate of interest used in discounting to present value shall be determined by Exchange

in a commercially reasonable manner. Exchange will forthwith issue an Invoice reflecting all amounts due and payable by the Defaulting Party.

5.6 Backstopping of Obligations under Physically Settled Futures Transactions

- a. **Backstopping** — Upon Exchange becoming aware of a Failure to Deliver or a Failure to Take by a Contracting Party under a Physically Settled Gas Futures Transaction at Evening Cycle or later, or upon receiving advance notification of an impending Failure to Deliver or Failure to Take at Timely Cycle, Exchange may, acting in a commercially reasonable manner and in accordance with Schedule F, G or J, as applicable, determine to offset or replace, in a whole or in part, the respective performance obligations under the Physically Settled Gas Futures Transactions that the Contracting Party failed upon (any transaction resulting therefrom, a “Backstopping Transaction”), in such manner and on such terms as may be then available to Exchange.
- b. **Trade Adjustments to be Entered on Invoice** — Exchange will enter trade adjustments in the ICE NGX Clearing System for the account of the failing Contracting Party to reflect any such Backstopping Transaction. Exchange will use best efforts to enter such trade adjustments prior to the date the applicable Invoice is locked for payment in accordance with subsection 7.1.c.

5.7 Liquidation Procedure

In the event that Exchange acting in a commercially reasonable manner and in accordance with Section 5.5 or Schedule “F”, “G” or “K” determines to offset, in whole or in part, Obligations of the Defaulting Party under any Physically Settled Futures Transactions on behalf of such Contracting Party and having notified the Contracting Party of such determination, Exchange may enter orders and ICE NGX Liquidation Transactions to offset, in whole or in part, such Obligations in such manner and on such terms as may be then available to Exchange. As a consequence of Exchange exercising its rights under this Section 5.6:

- a. any ICE NGX Liquidation Transactions will be treated as allocated to the Defaulting Party’s account;
- b. Exchange hereby agrees that the Defaulting Party will, for the purposes of determining Exchange’s damages, be deemed to have performed its Obligations to deliver or take gas or schedule to take Physical Power, as applicable, under all ICE NGX Liquidation Transactions allocated to its account and under that portion or all of its Physically Settled Futures Transactions, which are offset by such ICE NGX Liquidation Transactions (any such transaction entered under Section 5.6 or Section 8.3, an “Offsetting Transaction”);
- c. for the purposes of determining Exchange’s damages, Exchange will Set-Off any and all such amounts that are owed to the Defaulting Party against any and all such amounts that are owed or deemed to be owed by such Defaulting Party under the Offsetting Transactions to arrive at a single net settlement amount payable to or by the Defaulting Party, which shall be immediately due and payable. For clarity, without limitation to any other rights of Exchange under this Agreement, such net settlement amount shall include, without limitation, an amount as liquidated damages representing the pre-estimated amount of the costs of investigation and damage suffered by Exchange in respect of injury to the development of, reputation, and integrity of the business carried on by Exchange, where Exchange has determined, in its sole discretion, that appropriate circumstances exist for such liquidated damages.
- d. Exchange will forthwith provide the Defaulting Party with an Invoice for the Offsetting Transactions setting forth the amounts owed to or by the Defaulting Party and the net settlement amount due to or from the Defaulting Party;
- e. payment to Exchange of any net settlement amount owed by the Defaulting Party shall be deemed to satisfy all of its Obligations to pay any and all amounts, including, without limitation, the Purchase Amount, with respect to the Offsetting Transactions; and

- f. Exchange shall pay any net settlement amount owed to the Defaulting Party with respect to the Offsetting Transactions and upon such payment, shall assume all of the rights of the Defaulting Party under the Offsetting Transactions.

5.8 Full Satisfaction

Upon payment of the amounts required to be paid in accordance with this Agreement by Exchange or the Contracting Party, as the case may be, in respect of any Failure to Deliver, Failure to Pay or Failure to Take in respect of any Physically Settled Futures Transaction, Exchange or the Defaulting Party, as the case may be, shall have no further liability under any such Physically Settled Futures Transaction or this Agreement in respect of any such Failure to Deliver, Failure to Pay or Failure to Take.

5.9 Limitations on Liability

- a. Electronic System – Except in 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, employees and representatives of Exchange, its affiliates or service providers shall be liable to the Contracting Party, for any losses, damages, costs or expenses arising from any failure, defect, or malfunction in, or any fault in delivery, delay, omission, suspension, inaccuracy, termination, entry of data on behalf of either Exchange or Contracting Party or any other cause, in connection with the furnishing, performance, maintenance, use of or inability to access all or part of the ICE Trading Platform, the ICE NGX Trading System or the ICE NGX Clearing System or any Services, including, without limitation, the taking of verbal or instant messaging instructions and/or the entering of any Order into the ICE NGX Trading System or ICE Trading Platform, regardless of whether the claim arises in contract, tort, negligence, strict liability or otherwise. Without limitation to the foregoing, Contracting Party shall assume, and shall release and waive Exchange from, all liability, loss or damage arising or suffered at any time and from time to time in connection with the ICE NGX Data Products and/or any Transactions entered into by or on behalf of the Contracting Party by personnel other than Authorized Representatives.
- b. Personnel – Except in cases where there has been a finding of wilful or wanton misconduct, neither Exchange nor its respective agents, directors, officers and employees shall be liable to the Contracting Party, for any losses, damages, costs or expenses arising from an act, omission or error by Exchange, whether performed for the Contracting Party or to be performed by Exchange, in respect of any Transactions, but not including any act or omission by Exchange which constitutes a Failure to Pay, Failure to Deliver or Failure to Take by Exchange, in the case of a Transaction; or an act or omission by Exchange, whether performed for the Contracting Party or to be performed by Exchange, in respect of any matter relating to the ICE Trading Platform, ICE NGX Trading System or ICE NGX Clearing System.
- c. Liability of the Contracting Party – The Contracting Party and its agents, directors, officers and employees shall not be liable to Exchange or any of the other Contracting Parties for any claims, including third party claims, demands, liabilities, losses, damages, costs or expenses arising from:
- (i) any failure, defect or malfunction in, or any fault in delivery, delay, omission, suspension, inaccuracy or termination or any other cause, in connection with the furnishing, performance, maintenance, use of or inability to access all or part of the ICE NGX Trading System, ICE NGX Clearing System or any support services, regardless of whether the claim arises in contract, tort, negligence, strict liability or otherwise; nor
 - (ii) an act or omission of Exchange, whether performed for the Contracting Party or to be performed by Exchange in respect of any Transactions, or in respect of any matter relating to the ICE NGX Trading System or ICE NGX Clearing System;
 - (iii) the provision by a Contracting Party of any and all information about the trading patterns, prices (including market price reference) and accounts of such Contracting Party.

provided that the provisions of this subparagraph c. are not intended to limit, alter or vary the Obligations of the Contracting Party under any Transaction and the Contracting Party will remain liable for the performance under any such Transaction.

- d. Time Limits – Any reference in respect of any dispute in respect of a claim for wilful or wanton misconduct in respect of the matters described in Sections 5.8.a. or b., 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 Contracting Party to be entitled to bring any claim against Exchange.
- e. Limit of Liability – The aggregate liability of Exchange, including in respect of any Collateral, shall be limited to an aggregate amount of \$10,000 for a single claim and an aggregate amount of \$1,000,000 for all claims of Contracting Parties on a single day and where if all claims cannot be satisfied for a single day because of the dollar limitation on recoveries, all such claims shall be limited to a pro rata share of the maximum per day amount. This limit of liability does not apply to the liability of Exchange for a Failure to Pay, Failure to Deliver or Failure to Take, in the case of a Transaction, and in respect of Exchange's agreement to indemnify the Contracting Party for infringement as set forth in Section 3.4.
- f. Warranty of Fitness – Other than as expressly provided in Section 5.8, Exchange hereby expressly disclaims any warranty, express or implied, in respect of all or any part of the ICE NGX Trading System, ICE NGX Clearing System, ICE NGX Data Products or any of the Services, 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.
- g. No Indemnification – For greater certainty, the limitations of liability of Exchange set forth in this Section 5.8 shall not be construed as implying or requiring any indemnification by the Contracting Party of any of the other Contracting Parties.
- ~~g.h.~~ No Liability for Action by a Governmental Authority – Exchange is not responsible for, and will have no liability whatsoever as a result of, any action taken or not taken by a governmental authority that impacts or may impact the value of the underlying commodity of any Transaction or Physically Settled Futures Product or Financially Settled Futures Product. Neither the Buyer nor the Seller will have any claim against Exchange for any loss, cost, damage or expense incurred or suffered as a result of any action taken or not taken by a governmental authority, including changing the terms, pricing or express or implied value of any commodity or any other tangible or intangible thing.

5.10 No Indirect Damages

Other than as specifically set forth in this Agreement, in no event shall Exchange, the Contracting Party or any of the other Contracting Parties be liable under this Agreement or any Transaction for any special, consequential or indirect damages or claims, including without limitation, loss of profits or revenues, cost of capital or claims of any of the other Contracting Parties' suppliers or customers against the Contracting Party or other Contracting Parties arising out of any Failure to Deliver, Failure to Take or Failure to Pay or any other matter for which liability may be assessed under this Agreement.

5.11 GST on Damages

If either Buyer, Seller or Exchange (the "Payor") is required to make a payment, or reduce or extinguish, without payment, all or part of the amount of a debt or obligation to or for the benefit of the other party (the "Other Party") as a consequence of a Failure to Deliver, Failure to Pay or Failure to Take (the "Forfeiture Amount"), and:

- a. the Payor is the Seller, then the Payor will also pay to the Other Party the amount of GST required to be collected by the Other Party in respect of that payment; or

- b. the Payor is the Buyer, then the Payor shall pay to the Other Party an amount in addition to the Forfeiture Amount (the total of this amount and the Forfeiture Amount is referred to as the “Gross Amount”) such that the Other Party will be entitled to the benefit of the Forfeiture Amount, after taking into account the payment of the GST it is obligated to remit in respect of the Gross Amount.

5.12 Deposit Agreement

- a. Failure to Pay by Contracting Party –
- (i) In the event of a Failure to Pay by a Contracting Party, Exchange may immediately file with the Escrow Agent a Direction to Pay Within Same Day pursuant to, and as defined in, the Deposit Agreement, for the sole purpose of satisfying one or more Invoices owing by Exchange to one or more Contracting Parties that would otherwise be subject to a Failure to Pay by Exchange.
 - (ii) Upon verification of the Direction to Pay Within Same Day, the Escrow Agent will forthwith provide sufficient proceeds from the Exchange Letter of Credit to Exchange to, and Exchange will forthwith use such proceeds solely to satisfy the Invoice(s) that would otherwise be subject to a Failure to Pay by Exchange.
 - (iii) Exchange will promptly disclose, through notice posted to Exchange’s website, that a Direction to Pay Within Same Day was processed by the Escrow Agent.
- b. Failure to Pay by Exchange – In the event of a Failure to Pay by Exchange which is not rectified by Exchange within three (3) Business Days from receipt of a notice of Failure to Pay by Exchange, Exchange shall immediately file with the Escrow Agent a Direction to Pay pursuant to, and as defined in, the Deposit Agreement and shall notify Contracting Party Payee(s) (as defined in the Deposit Agreement) of such Direction to Pay having been filed.
- c. Contracting Party’s Demand – The Contracting Party will be entitled in the event of an Exchange Failure to Pay resulting from a Failure to Take, Failure to Deliver or Exchange Default to file with the Escrow Agent the Contracting Party’s Demand pursuant to, and as defined in, the Deposit Agreement after the expiry of five (5) Business Days from the occurrence of such event.
- d. Exchange Notice Not To Pay – In the event that the Contracting Party files with the Escrow Agent the Contracting Party’s Demand, Exchange will be entitled to file with the Escrow Agent the Notice Not To Pay pursuant to, and as defined in, the Deposit Agreement in the event that:
- (i) five (5) Business Days have not elapsed from the occurrence of the Exchange Default, as the case may be;
 - (ii) either the Contracting Party or Exchange has initiated Mediation in respect of a dispute, controversy, difference or question in respect of the Exchange Default, as the case may be, and twenty (20) days have not expired from the date of initiation of such Mediation;
 - (iii) either the Contracting Party or Exchange has initiated Arbitration in respect of a dispute, controversy, difference or question in respect of the Exchange Default, as the case may be, and the Arbitrator or the Arbitral Tribunal, as the case may be, has not issued a decision in respect of such matter; or
 - (iv) the amount in respect of the Contracting Party’s Demand has been satisfied.
- e. Contracting Party May Re-File – In the event that Exchange files with the Escrow Agent the Notice Not To Pay, the Contracting Party is entitled to refile with the Escrow Agent the Contracting Party’s Demand with:
- (i) a statement indicating the passage of five (5) Business Days;

- (ii) if Mediation is agreed to, a statement from the mediator as to the passage of twenty (20) days from the initiation of Mediation or a joint direction from the Contracting Party and Exchange as to the resolution of the Mediation; or
 - (iii) if Arbitration is agreed to, a statement from the Arbitrator or the Arbitral Tribunal, as the case may be, as to the decision in respect of the matter.
- f. Escrow Agent Undertaking – Exchange hereby agrees to provide the Escrow Agent with the Contracting Party’s name and will provide the Contracting Party with an executed copy of the Escrow Agent’s Undertaking to the Contracting Party in respect of the Deposit Agreement.
- g. Deposit Agreement Prevails – In the event of any conflict between the provisions of this Agreement and the Deposit Agreement, the rights of Exchange and the Contracting Party under this Agreement will be deemed to be amended and interpreted in accordance with the provisions of the Deposit Agreement.

5.13 Indices

- a. Liability for Exchange Indices – Neither Exchange nor its agents, directors, officers and employees shall be liable to the Contracting Party for any losses, costs or expenses arising from any matter relating to the calculation, methodology of calculation, compilation, or publication of any indices which are calculated by Exchange which are used for the settlement of any Transaction. Exchange does not make any express or implied warranties in respect of the results which may be achieved through the use of any of such indices or in respect of the value of any of such indices at any given time, nor that any settlement prices established are at a fair, proper or correct amount. Neither Exchange nor its agents, directors, officers and employees shall, under any circumstances, be liable for errors or deficiencies in the calculation, methodology of calculation or publication of any of such indices nor shall Exchange be obligated to provide notice of, or publish, errors in any of such indices in any manner.
- b. Other Indices – Products, which are settled pursuant to the terms of this Agreement on the basis of settlement prices reported by any entity other than Exchange, are not issued, endorsed, sold or promoted by such entity, nor has such entity passed on their legality or suitability. Neither Exchange, nor its respective agents, directors, officers and employees shall be liable to the Contracting Party for any losses, costs, expenses arising from any matter relating to the source or accuracy of the underlying data, calculation, methodology of calculation, compilation, or publication of any indices which are used for the settlement of any Transaction and which are derived from any publication or any other third party index. Exchange does not make any express or implied warranties in respect of the results which may be achieved through the use of any of the indices or in respect of the values of any of the indices at any given time, nor that any settlement prices so established are at a fair, proper or correct amount. Neither Exchange, nor its agents, directors, officers and employees shall, under any circumstances, be liable for errors or deficiencies in the calculation, methodology of calculation, compilation or publication of any of the indices nor shall Exchange be obligated to provide notice of, or publish, errors in any of the indices in any manner. Nor shall Exchange nor its agents, directors, officers and employees shall be liable to the Contracting Party for any losses, damages, costs or expenses arising from any failure of publisher of such indices to establish settlement prices or report settlement prices for their contracts at a fair, proper or correct amount.

5.14 Remedies Upon an Unremedied Exchange Default or Exchange Bankruptcy Event of Default

- a. Early Termination – In the event that there occurs and is continuing an Unremedied Exchange Default or Exchange Bankruptcy Event of Default, the Contracting Party, in addition to any remedies it may have at law or in equity or otherwise under this Agreement or under any Transaction, may, on no less than five (5) days’ notice to Exchange (the “Early Termination Notice Date”), designate a day no earlier than the Early Termination Notice Date and no later than sixty (60) days after becoming aware of such Unremedied Exchange Default or Exchange Bankruptcy Event of Default, as an early termination date (the “Early Termination Date”). On the Early Termination Date, all outstanding Transactions (collectively the “Terminated Transactions”) shall be terminated.

- b. Remedies Upon Early Termination – If the Terminated Transactions are terminated by the Contracting Party pursuant to Section 5.13, Exchange shall in good faith calculate in a commercially reasonable manner: (i) an amount equal to the present value on the Early Termination Date (using the Default Rate as the discount rate) of the economic benefit to it, if any, resulting from the termination of the Terminated Transactions (the “Gains”); and (ii) an amount equal to the present value on the Early Termination Date (using the Default Rate as the discount rate) of the economic loss to it, if any, resulting from the termination of the Terminated Transactions (the “Losses”). Gains and Losses shall be determined, for each Terminated Transaction, by reference to relevant market information which shall consist of the arithmetic average (the “Calculation”) of market quotations (“Prices”) provided by the five (5) Contracting Parties who:
- (i) with respect to Terminated Transactions that are Physically Settled Gas Futures Transactions, Options contemplating the delivery of gas or Options or for which the notional quantity is gas (collectively, “Gas Products”), have traded the highest overall volume of Gas Products listed on the ICE NGX Trading System;
 - (ii) with respect to Terminated Transactions that are Physically Settled Power Futures Transactions, have traded the highest overall volume of Physically Settled Power Futures Products listed on the ICE NGX Trading System;
 - (iii) Reserved; or
 - (iv) with respect to Terminated Transactions that are transactions in Financially Settled Futures Products for which the notional quantity is financial power (collectively, “Financial Power Products”), have traded the highest overall volume of Financial Power Products listed on the ICE NGX Trading System,

over the immediately prior consecutive twelve (12) month period (the “Highest Volume”) and the terms and conditions under which the Contracting Party would reasonably be able to enter into a replacement agreement with a third party on the same material terms and conditions as set out in the Terminated Transaction (a “Replacement Transaction”). If Prices are not forthcoming from any such five (5) Contracting Parties, Exchange shall obtain Prices from the Contracting Party with the next Highest Volume until five Prices have been obtained for the Calculation, and in circumstances where five such Prices are not forthcoming, Exchange shall perform the Calculation on such lesser number of Prices that can be obtained using the above method. Notwithstanding the foregoing, nothing in this Agreement shall require or be deemed to require the Contracting Party to enter into a Replacement Transaction.

As soon as practicable following the Early Termination Date and in no event later than five (5) days following the Early Termination Date, Exchange shall aggregate, Set-Off and net all Gains and Losses along with all other Obligations owed by Exchange to the Contracting Party under the Agreement (“Receivables”) and all payables owed by the Contracting Party to Exchange under the Agreement (“Payables”) to reduce all such amounts to a single net amount (the “Net Termination Payment”) and notify the Contracting Party in writing of the Net Termination Payment owed to or owing by the Contracting Party (the “Termination Notice”). (For clarity, the Set-Off and netting of all Gains and Losses along with all other Obligations owed by Exchange to the Contracting Party under this Agreement shall be deemed to be equivalent to a single master netting agreement.) To the extent that the Contracting Party is owed a Net Termination Payment by Exchange, Exchange shall pay the Net Termination Payment to the Contracting Party as soon as practicable, making commercially reasonable efforts to pay such Net Termination Payment within ten (10) Business Days of receipt by the Contracting Party of the Termination Notice regarding such calculation. To the extent that the Contracting Party owes a Net Termination Payment to Exchange, the Contracting Party shall pay the Net Termination Payment to Exchange within two (2) Business Days of receipt of the Termination Notice. In the event that Exchange has not provided a Termination Notice to the Contracting Party within the five (5) day period set forth above, the Contracting Party shall have the right to calculate its Gains or Losses, as the case may be, for the Terminated Transactions, by determining a Price for each such Terminated Transaction, such Price being a good faith commercially reasonable representation of market value, which value may be disputed in good faith.

Any and all payments under this Section 5.13 shall be made in freely available Canadian currency by wire payment. For greater certainty, any correspondent or intermediary bank fees relating to payments under this Section 5.13 are the responsibility of the Contracting Party. Any amount which is not paid when due under this Section 5.13 shall bear interest (both before and after judgment) at the Default Rate, as from the due date of payment until the date of payment, compounded monthly.

- c. A Contracting Party's rights under this Section 5.13 supersede its right to voluntarily terminate this Agreement in accordance with the terms set out herein. For greater certainty, an affected Contracting Party cannot exercise its voluntary right to terminate this Agreement if an Exchange Failure to Deliver, Exchange Failure to Take, Exchange Failure to Pay or Exchange Default has occurred which, with the giving of notice or the lapse of time or both, would constitute an Unremedied Exchange Default or Exchange Bankruptcy Event of Default.
- d. Exchange's Right to Cause Early Termination of all Agreements and Transactions – The Contracting Party acknowledges that Exchange has entered into Contracting Party Agreements with other Contracting Parties and, pursuant thereto, Exchange is, from time to time, party to Transactions with such other Contracting Parties. The Contracting Party acknowledges and agrees that, in the event it or one or more other Contracting Parties designates an Early Termination Date (the "Triggering Early Termination Date") pursuant to this Agreement or one or more of the other Contracting Party Agreements, Exchange shall immediately become entitled, in its sole discretion, to designate an Early Termination Date under any one or more of this Agreement and the other Contracting Party Agreements. If Exchange does so, Exchange may designate an Early Termination Date for any or all such terminations which is the same day or is a day later than the Triggering Early Termination Date, in Exchange's sole discretion. In the event that Exchange does designate one or more Early Termination Dates following the Triggering Early Termination Date, all the other provisions of this Section 5.13 shall apply thereto *mutatis mutandis*.

5.15 Interpretation in relation to the U.S. Federal Deposit Insurance Exchange Improvement Act of 1991, as amended ("FDICIA")

- a. Interpretation – The Exchange intends that certain provisions of Section 5.13 be interpreted in relation to certain terms (identified by quotation marks) that are defined in FDICIA, as follows:
 - (i) The Exchange is a "clearing organization."
 - (ii) An obligation of a Contracting Party to make a payment to the Exchange, or of the Exchange to make a payment to a Contracting Party, subject to a netting contract, is a "covered clearing obligation" and a "covered contractual payment obligation."
 - (iii) An entitlement of a Contracting Party to receive a payment from the Exchange, or of the Exchange to receive a payment from a Contracting Party, subject to a netting contract, is a "covered contractual payment entitlement."
 - (iv) The Exchange is a "member," and each Contracting Party is a "member."
 - (v) The amount by which the covered contractual payment entitlements of a Contracting Party or the Exchange exceed the covered contractual payment obligations of such Contracting Party or the Exchange after netting under a netting contract is its "net entitlement."
 - (vi) The amount by which the covered contractual payment obligations of a Contracting Party or the Exchange exceed the covered contractual payment entitlements of such Contracting Party or the Exchange after netting under a netting contract is its "net obligation."
 - (vii) This Agreement, including Section 5.13, is a "netting contract."

ARTICLE 6 – REGULATORY AND COMPLIANCE

6.1 Prohibitions

The Contracting Party agrees that it will not:

- a. engage in any of the following market actions or activity:
 - (i) manipulating or attempting to manipulate prices of any Product offered by Exchange;
 - (ii) spreading inaccurate information about the market that may influence prices on the Exchange;
 - (iii) reporting false transactions to the Exchange;
 - (iv) arranging and executing wash transactions or money passes;
 - (v) conducting fraudulent transactions;
 - (vi) participating in non-competitive transactions, other than as permitted under these Rules;
 - (vii) entering orders, or causing orders to be entered, other than in good faith for the purpose of executing bona fide transactions.
- b. collude with other market participants to affect the price or supply of any commodity, market or tenor, allocate territories, customers or products, or otherwise unlawfully constrain competition;
- c. engage in any act of fraud, bad faith, extortion, dishonest conduct, misrepresentation, or material misstatement, or any other unlawful activity including, without limitation, in respect of any information provided to Exchange, including financial information, or matter pertaining to the performance of any Transaction or in any other dealing with Exchange or the other Contracting Parties;
- d. wilfully or negligently engage in unauthorized access to the Exchange, or assist a party in obtaining unauthorized access to the Exchange; or
- e. commit any act, or do anything, which is, or could foreseeably be, in substance, detrimental to the interests, welfare or integrity of Exchange, the ICE Trading Platform, ICE NGX Trading System or ICE NGX Clearing System.

6.2 Investigations and Disciplinary Proceedings

- a. Compliance staff shall have the authority to
 - (i) monitor activities in respect of the entering into and performance of Transactions through the ICE NGX Trading System, the ICE Trading Platform, and/or the ICE NGX Clearing System;
 - (ii) to conduct investigations of possible violations of the Rules, and to request the production of and examine any documents; and
 - (iii) make inquires and do such other things as are reasonably necessary or advisable to verify compliance by all Contracting Parties with the Rules.
- b. The Contracting Party agrees to promptly provide to compliance staff copies, if requested, of documents and records related to its activities pursuant to this Agreement and agrees it will ensure that any such information is accurate. The Contracting Party will cause a person under the control or direction of the Contracting Party who is reasonably knowledgeable in respect of the relevant activities of the Contracting Party to be available

by phone or at the offices of Exchange in Calgary at a reasonable time and for a reasonable period in respect of any inquiry by compliance staff;

- c. The Chief Compliance Officer has the authority to:
- (i) direct that compliance staff make further inquiries;
 - (ii) refer the matter to the Disciplinary Committee;
 - (iii) issue a warning letter to the Contracting Party, informing it that there may have been a violation of the Rules, and that a continuation of such activity may result in disciplinary action; or
 - (iv) where the Chief Compliance Officer is of the opinion that a violation has occurred, enter into a written settlement agreement with the Contracting Party, whereby the Contracting Party, with or without admitting guilt, may agree to
 - (I) a cease and desist order or a reprimand;
 - (II) a fine of up to \$100,000 for each violation alleged plus the monetary value of any gains received as a result of the alleged violation; and/or
 - (III) a Contracting Party Suspension.
- d. The Disciplinary Committee has authority to:
- (i) confirm, vary or reverse a decision of the Chief Compliance Officer, or reject a settlement agreement entered into between a Contracting Party and the Chief Compliance Officer;
 - (ii) refer or return the matter to compliance staff with instructions for further investigation;
 - (iii) enter into a settlement agreement with the Contracting Party;
 - (iv) order that the Contracting Party pay a fine of up to \$100,000 for each violation plus the monetary value of any gains received as a result of the violation;
 - (v) cause a Contracting Party Suspension, which shall take effect immediately upon the provision of notice to the effected Contracting Party for the term specified in such notice, and extend, vary or withdraw any such Contracting Party Suspension; and/or
 - (vi) issue a cease and desist order or a reprimand.

6.3 Hearings

- a. Notification – In the event that the Disciplinary Committee has made a determination that a violation has occurred, and has imposed one or more of the sanctions enumerated in Section 6.2, the Disciplinary Committee will provide the Contracting Party with notice of such decision (“Notice of Violation”).
- b. Response of Contracting Party – A Contracting Party who has received a Notice of Violation shall be entitled, upon written request filed with Exchange within twenty (20) calendar days of receipt of such notice to a hearing before a Hearing Panel. Failure of the Contracting Party to request a hearing within twenty (20) days of the Notice of Violation, except where proven for good cause, shall be deemed to be a waiver of the right to a hearing, and an admission of the allegation or allegations contained in the Notice of Violation.
- c. Hearing Procedures – Hearings will be conducted by a Hearing Panel in accordance with Exchange’s hearing procedures, as amended from time to time. Each of the Contracting Party and Exchange will be entitled to

be represented by counsel and to present witnesses and documentary evidence. No formal rules of evidence shall apply, and the Hearing Panel shall be entitled to accept or reject any evidence it considers proper.

- d. Decisions of the Hearing Panel – The Hearing Panel may confirm, vary or reverse a decision of the Disciplinary Committee. A written decision setting out the Hearing Panel’s reasons for decision will be provided to the Contracting Party.

6.4 Additional Remedies Available to Exchange

- a. General Suspension – Exchange, in its sole discretion, may, but is not obligated to, cause a General Suspension for such period as it believes necessary or advisable if Exchange believes any of the following events or conditions are occurring or have occurred:
 - (i) any manipulative activity or activity aimed at manipulation of prices, without limitation by spreading inaccurate information, reporting false transactions or otherwise performing any other act designed or intended to manipulate the price for any commodity, or any circumstance or circumstances that might improperly affect the performance of Transactions;
 - (ii) matters affecting the safety or welfare of personnel, or that may have a severe, adverse effect on the building where Exchange is located;
 - (iii) fires, bomb threats, substantial inclement weather, power failures and communication breakdowns;
 - (iv) any event which constitutes, or may in the opinion of Exchange constitute, a force majeure event, as defined in Schedules “F”, “G”, “J” or “K”;
 - (v) any circumstances that cause Exchange host computers to be taken off-line;
 - (vi) any matter that, in the opinion of Exchange, detrimentally affects the Regulatory Approvals of Exchange in respect of its performance of this Agreement; or
 - (vii) the entering into of a Physically Settled Futures Transaction or Swap Transaction in error or outside the Market Price Band.
- b. Consequences of General Suspension – The consequences of a General Suspension will be that Exchange may refuse access to the ICE NGX Trading System and/or ICE NGX Clearing System by the Contracting Parties for any or all Products. The Contracting Party must perform its Obligations to make delivery or take receipt of gas or schedule to deliver or take Physical Power, as applicable, under the applicable Physically Settled Futures Transactions during any period of General Suspension. Exchange will use its commercially reasonable efforts to provide alternative trading capabilities within three Business Days in the event that access to the ICE NGX Trading System and/or ICE NGX Clearing System cannot be resumed.
- c. Procedures on General Suspension – In the event of a General Suspension, Exchange would immediately notify all Contracting Parties as to the reason and expected duration of the General Suspension by notice posted to Exchange’s website, phone, instant message, email or if possible by access through the ICE NGX Trading System. All communications by Exchange with Contracting Parties would be undertaken by phone, instant message or email until such time as access to the ICE NGX Trading System is resumed or alternative trading facilities are available.
- d. Contracting Party Suspension – In addition to its rights under this Agreement or under law, equity or otherwise including, without limitation, Section 6.1, Exchange, in its sole discretion exercised in a commercially reasonable manner, may cause a Contracting Party Suspension for such periods as it believes necessary or advisable if Exchange believes any of the following events or conditions are occurring or have occurred:

- (i) a material adverse change in the financial condition of the Contracting Party, a Contracting Party Affiliate or any other affiliate of the Contracting Party or any person providing credit support for the Contracting Party, each as determined in the sole discretion of Exchange;
 - (ii) circumstances that may have detrimental effect to Exchange or the Contracting Party, including circumstances which make the continued access to the ICE NGX Trading System by the Contracting Party detrimental to the existence of an orderly market for gas or Physical Power, or otherwise detrimentally affects the interests, welfare or integrity of the ICE NGX Trading System or ICE NGX Clearing System;
 - (iii) circumstances relating to regulatory approvals, including any matter which may, as determined in the sole discretion of Exchange, detrimentally affect the Regulatory Approvals of the Contracting Party in respect of its performance of this Agreement;
 - (iv) disciplinary action by an applicable regulatory authority against the Contracting Party, an officer, principle, or a Credit Support Provider for the Contracting Party, or against a Contracting Party Affiliate or any other affiliate of the Contracting Party; or
 - (v) the occurrence of a Default or a declaration by Exchange of an Event of Default in respect of the Contracting Party or a Contracting Party Affiliate.
- e. Consequences of Contracting Party Suspension – Without limitation to its rights under Section 6.1, upon the occurrence of a Contracting Party Suspension with respect to a Contracting Party;
- (i) Exchange will and promptly notify the Contracting Party of the fact and effective date of the Contracting Party Suspension and that the Contracting Party will not be entitled to enter into some or all Transactions, as specified in such notice, for greater certainty, a Contracting Party Suspension takes effect at the time it is caused by Exchange and not upon receipt by the Contracting Party of such notice;
 - (ii) Exchange may exercise any of the rights under Section 5.5 or Section 8.2, with references to the “Defaulting Party” deemed to be references to the suspended Contracting Party, as well as any other rights or remedies granted under this Agreement or under law, equity or otherwise.

6.5 Summary Sanctions

- a. Other Compliance Matters – Except as provided in paragraph b. or c. of this section 6.5, the Exchange shall refer any suspected violation of the Agreement by a Contracting Party to the Chief Compliance Officer for handling in accordance with section 6.2.
- b. Summary Sanction – The Chief Compliance Officer may impose a summary sanction on a Contracting Party, in accordance with Exchange’s stated Summary Sanctions schedule and in an amount not to exceed \$5,000 per violation, for
- (i) failing to make timely, accurate and full payment of an Invoice to Exchange in accordance with this Agreement by the end of the relevant settlement date;
 - (ii) failing to make timely provision of Eligible Collateral Support in accordance with Schedule “C” - Risk Management of this Agreement;
 - (iii) failing to make timely and accurate submissions to the Exchange of information, notices or financial statements as required under any provision of this Agreement;
 - (iv) failing to maintain a current written risk management policy that address the risks the Contracting Party may pose to Exchange, as required under this Agreement; and

- (v) failing to make timely payment to Exchange of any fee, penalty or other charge in accordance with this Agreement.
- c. Non-exclusive Penalty – Nothing in this section 6.5 shall preclude any other action against a Contracting Party pursuant to section 6.4 or otherwise with respect to conduct described in this section 6.5.
- d. Notifications – The Chief Compliance Officer will provide notice (“Notice of Summary Sanction”) to the Contracting Party of any summary sanction that the Chief Compliance Officer has determined to impose on the Contracting Party.
- e. Payment of Summary Sanction Penalty – A summary sanction assessed under section 6.5 shall be due and payable within ten (10) business days after receipt of the Notice of Summary Sanction, unless the Contracting Party has, within that time, requested in writing a hearing before a Summary Sanctions Hearing Panel. Failure of the Contracting Party to request a hearing within ten (10) business days of receiving the Notice of Summary Sanction, except where proven for good cause, shall be deemed to be a waiver of the right to a hearing, and an admission of the allegation or allegations contained in the Notice of Summary Sanction.
- f. Summary Sanctions Hearing Procedures – A Summary Sanctions Hearing will be conducted in accordance with Exchange’s Summary Sanctions Hearing procedures, as amended from time to time. The Contracting Party and Exchange will be entitled to be represented by counsel and to present documentary evidence. No formal rules of evidence shall apply, and the Summary Sanctions Hearing Panel shall be entitled to accept or reject any evidence as it considers proper.
- g. Decisions of the Summary Sanctions Hearing Panel – The Summary Sanctions Hearing Panel may recommend to confirm or reverse the decision by Exchange. The Summary Sanctions Hearing Panel must communicate the reasons for its decision to the Contracting Party but it not required to provide a written decision setting out the reasons for decision to the Contracting Party.

6.6 Emergency Authority

- a. Declaration of Emergency Situation – Exchange may declare an emergency situation to exist if ~~In the event that~~ Exchange, in its sole discretion, -or its regulators determine that an occurrence, circumstance or emergency situation exists that requires immediate action and threatens or may threaten such things as the financial integrity of Exchange, the normal functioning of the Exchange in which or the -fair and orderly trading in any Product, or the liquidation of, or delivery pursuant to, any Transaction, is likely to be disrupted, or the financial integrity of Exchange is threatened, or the normal functioning of Exchange has been or is likely to be disrupted, including any manipulative or attempted manipulative activity; any actual, attempted, or threatened corner, squeeze, congestion, or undue concentration of positions; any circumstances which may materially affect the performance of any Product or any Transaction cleared by Exchange, including failure of the payment system or the bankruptcy or insolvency of any Contracting Party; any geopolitical event; any action taken by any governmental body, or any other board of trade, market, facility, Transportation System, Transmission Provider that may have a direct impact on a Product or Transaction or the underlying commodity of any Product or Transaction, or on trading on the Exchange and any other circumstance which may have a severe, adverse effect upon the functioning of the Exchange.
- a.b. Exchange Authority to Act in Emergency Situation – Exchange may take such action as may, in Exchange’s sole discretion, appear necessary to prevent, correct or alleviate such emergency situation, including but not limited to
 - (i) declining to enter into any Transactions, imposing or changing Open Position Limits, limiting trading for one or more or all Contracting Parties to liquidate only;
 - (ii) extending or shorting the expiration date for trading in any Product, or extending the delivery period for any Transaction;

~~(iii)~~ ordering the liquidation of open positions, the fixing of a Settlement Price or the reduction in positions;

~~(iv)~~ requiring additional Margin to be collected from Contracting Parties;

~~(v)~~ placing into immediate effect a rule under this Contracting Party Agreement;

~~(ii)~~(vi) causing a Contracting Party's Suspension;

~~(iii)~~(vii) causing a General Suspension;

~~(iv)~~(viii) effecting the Liquidation Procedure or Close-out Procedure; and/or

~~(v)~~(ix) taking any other reasonable actions to preserve the integrity and security of Exchange, the ICE NGX Trading System and/or the ICE NGX Clearing System.

6.7 Liability for Expenses

Exchange may, in its sole discretion, charge an amount as liquidated damages equal to \$5,000 representing the pre-estimated amount of the costs of investigation and damage suffered by Exchange in respect of injury to the development, reputation and integrity of the business carried on by Exchange.

ARTICLE 7 - INVOICES AND TAXES

7.1 Invoices

- a. Netting of Invoice Amounts — In determining the net amounts payable or receivable on each Invoice by the Contracting Party, Exchange will Set-off the amounts payable or receivable in the same currency on account of
- (i) for a Physical Settlement Invoice or a Physical Environmental Invoice, the Purchase Amount of the relevant commodity, and
 - (ii) for a Financial Settlement Invoice, the Cash Settlement Amount, MTM Settlement Amount and Daily Financially Settled Futures Settlement Amount, as applicable and the fees and applicable taxes, if any, for the Contracting Party. The Contracting Party will be obligated to pay or entitled to receive only such net amounts.
- b. Preliminary Invoices – Exchange will post on Exchange’s Website for sole access by the Contracting Party an Invoice in each applicable currency setting forth a net amount owing by or to the Contracting Party, itemizing and applying Set-off to each amount payable or receivable in the same currency:
- (i) in respect of Physically Settled Gas Futures Transactions, for deliveries and receipts of gas during the prior calendar month pursuant to Physically Settled Futures Transactions, any amount payable for fees to Exchange and any amounts payable on account of applicable taxes, on or before the 15th day of each calendar month;
 - (ii) in respect of Physically Settled Power Futures Transactions, for scheduling of deliveries and receipts of Physical Power during the prior calendar month pursuant to Physically Settled Power Futures Transactions, any amount payable for fees to Exchange and any amounts payable on account of applicable taxes, on or before the 15th day of each calendar month;
 - (iii) in respect of Daily Financially Settled Futures Transactions:
 - (I) for the MTM Settlement Amounts, in respect of any Obligations under all Daily Financially Settled Futures Transactions, on or before the Business Day following the day each MTM Settlement Amount is determined as set forth in Schedule “E”; and
 - (II) for the mark-to-market settled in the prior calendar month, the Daily Financially Settled Futures Settlement Amounts for that month including a Post-Settlement Load Adjustment Amount, if applicable, and any amount payable for fees to Exchange, on the second Business Day of each calendar month;
 - (iv) in respect of all other Financially Settled Futures Transactions, for any Obligations under Financially Settled Futures Transaction to be settled in the prior calendar month, any amount payable for fees to Exchange and any amounts payable on account of applicable taxes, on the second Business Day of each calendar month;
 - (v) in respect of Option Transactions:
 - (I) for the Option Premium Amount, on the Business Day following the transaction date of the Option Transaction; and
 - (II) for any other Invoices that become applicable if the relevant Option Exercise Conditions have been met, issued and payable as per the associated Underlying Transaction that has become effective on such exercise; and

- (vi) in respect of Forward (Bilateral) Transactions, for Forward Transactions during the prior calendar month, any amounts payable for fees to Exchange and any amounts payable on account of any applicable taxes, on or before the 15th day of each calendar month.
- c. Disputed Invoice Items – Any items on any Invoice disputed by any Contracting Party must be noted to Exchange:
- (i) For Invoices for Physically Settled Gas Futures Transactions, no later than the close of business on the fourth Business Day following the 15th of the month;
 - (ii) For Invoices for Physically Settled Power Futures Transactions, no later than the close of business on the fourth Business Day following the 15th of the month;
 - (iii) For Invoices for Daily Financially Settled Futures Transactions, no later than one Business Day prior to the Settlement Date;
 - (iv) For Invoices for all other Financially Settled Futures Transactions, no later than one Business Day prior to the Settlement Date;
 - (v) For Invoices for Option Transactions, no later than one Business Day prior to the Premium Payment Date; and
 - (vi) For Invoices for Forward (Bilateral) Transactions, no later than the close of business on the fourth Business Day following the 15th of the month.
- d. Invoices Locked for Payment – After the expiry of the applicable period for disputing an Invoice item set out in paragraph b., the Invoice will be due and payable in its entirety in accordance with paragraph d. and no further changes will be made to the Invoice prior to the relevant Settlement Date.
- e. Invoices Due and Payable – Subject to any amount hereunder becoming due and payable at an earlier time pursuant to the provisions of this Agreement, the amount of the Invoice owned by the Contracting Party to Exchange or to the Contracting Party by Exchange as shown on the applicable Invoice after the expiry of the applicable period set out in paragraph b. will be due and payable prior to 12:00 p.m. Mountain Prevailing Time:
- (i) for Invoices for Physically Settled Gas Futures Transactions, on the Physical Settlement Date;
 - (ii) for Invoices for Physically Settled Power Futures Transactions, on the Physical Settlement Date;
 - (iii) for Daily Financially Settled Futures Transactions, on the MTM Settlement Date and the Cash Settlement Date;
 - (iv) for all other Financially Settled Futures Transactions, on the Cash Settlement Date;
 - (v) for Option Transactions, on the Premium Payment Date; and
 - (vi) for Forward (Bilateral) Transactions, on the Physical Settlement Date.
- f. Full Satisfaction – The payment or receipt by the Contracting Party of the net amount of an Invoice in accordance with this Agreement to or from Exchange will constitute full satisfaction of any settlement amount payable to or receivable by the Contracting Party and Exchange in respect of
- (i) for Invoices for Physically Settled Gas Futures Transactions, the Physically Settled Gas Futures Transactions including any Purchase Amount;

- (ii) for Invoices for Physically Settled Power Futures Transactions, the Physically Settled Power Futures Transactions any Purchase Amount
 - (iii) for Invoices for Daily Financially Settled Futures Transactions, a Daily Financially Settled Futures Settlement Transaction once all such amounts in respect of the applicable Term have been paid, unless a Daily Financially Settled Futures Settlement Transaction has been fully offset as determined in the sole discretion of Exchange, in which case full satisfaction of the applicable settlement amounts shall occur once all MTM Settlement Amounts, and if applicable, all Daily Settlement Amounts, have been paid (or received) as the case may be, in respect of all settlement amounts incurred up to and including the date of full offset;
 - (iv) for Invoices for all other Financially Settled Futures Transactions, in respect of the Financially Settled Futures Transactions;
 - (v) for Invoices for Option Transactions, in respect of the Option Transactions; and
 - (vi) for Invoices for Forward (Bilateral) Transactions, in respect of the Forward (Bilateral) Transactions.
- g. Corrections to an Invoice – In the event that the price(s) for any Financially Settled Futures Transaction or Option Transaction is corrected by the publication from which such index or indices is or are derived for settlement of such Transaction after a Cash Settlement Date, Exchange will post on Exchange’s Website for sole access by the Contracting Party a correcting Invoice to reflect the corrected Cash Settlement Amount or Daily Financially Settled Futures Settlement Amount within two (2) Business Days of being advised of such change. The correcting Invoices will be due and payable within five (5) Business Days of their issuance on terms as outlined in this Article 7.
- h. Invoices Final and Binding – Unless either the Contracting Party or Exchange has advised the other of any error in, or dispute in respect of an Invoice, the Invoice will be final and binding, absent manifest error, for all purposes on both the Contracting Party and Exchange
- (i) for Invoices for Physically Settled Gas Futures Transactions, 120 days after the Physical Settlement Date on which the Invoice was due;
 - (ii) for Invoices for Physically Settled Power Futures Transactions, 120 days after the Physical Settlement Date on which the Invoice was due, unless the Contracting Party has made a Failure to Schedule to Deliver or a Failure to Schedule to Take, in which case, Invoices payable will not be considered final until 180 days after the Physical Power Delivery Date;
 - (iii) for Daily Financially Settled Futures Transactions, 120 days after the MTM Settlement Date on which the Invoice was due;
 - (iv) for all other Financially Settled Futures Transactions, 120 days after the Settlement Date on which the Invoice was due;
 - (v) for Option Transactions, 120 days after the Premium Payment Date on which the Invoice was due;
 - (vi) for Invoices for Forward (Bilateral) Transactions, 120 days after the Physical Settlement Date on which the Invoice was due; and
 - (vii) for any adjustment resulting from a disputed invoice item previously notified to Exchange, 60 days after the Invoice implementing the adjustment was due.

7.2 Payment of Invoices

- a. Wire Payment of Invoices for Physically Settled Gas Futures Transactions and Physically Settled Power Futures Transactions – Except as otherwise agreed between the Exchange and the Contracting Party, payment of Invoices for Physically Settled Gas Futures Transactions and Physically Settled Power Futures Transactions by Contracting Party to Exchange and by Exchange to Contracting Party shall be made by wire payment to the banking instructions provided in accordance with this Agreement and Exchange’s stated policies. For greater certainty, any correspondent or intermediary bank fees relating to payments of Invoices for Physically Settled Gas Futures Transactions and Physically Settled Power Futures Transactions by Contracting Party to Exchange and by Exchange to Contracting Party are the responsibility of the Contracting Party. On the Physical Settlement Date, Exchange may, in its sole discretion, hold any amounts payable from Exchange to the Contracting Party in respect of any Invoice until all amounts payable from the Contracting Party to Exchange then due and payable have been received by Exchange.
- b. Payment of Invoices for MTM Settlement Amounts, Daily Financially Settled Futures Amounts, Cash Settlement Amounts and Futures Clearing Amounts –
 - (i) Exchange will identify a Cash Collateral Account for each Contracting Party that enters into a Financially Settled Futures Transaction.
 - (ii) Unless otherwise agreed to by Exchange, payments in respect of MTM Settlement Amounts, Daily Financially Settled Futures Amounts, Cash Settlement Amounts and Futures Clearing Amounts
 - (I) by Exchange to the Contracting Party will be made by wire transfer by Exchange into the Contracting Party’s Cash Collateral Account; and
 - (II) by the Contracting Party to Exchange will be made by wire transfer by Exchange from the Contracting Party’s Cash Collateral Account into the Exchange Account identified by Exchange for receiving such funds.
 - (iii) On each Business Day, Exchange will Set-Off any and all such amounts owing as between the Exchange and the Contracting Party in respect of MTM Settlement Amounts, Daily Financially Settled Futures Amounts, Cash Settlement Amounts and Futures Clearing Amounts to arrive at a single net settlement amount payable by Exchange to the Contracting Party or by the Contracting Party to Exchange.
 - (iv) The Contracting Party is responsible for ensuring its Cash Collateral Account has sufficient funds in excess of the applicable Margin Requirement to satisfy the net settlement amount calculated and instructed by Exchange in accordance with subparagraph (iii), prior to 12:00 p.m. Mountain Prevailing Time on the applicable Settlement Date.
- c. Outstanding Request for Eligible Collateral Support – Exchange may deduct from the payment of any Invoice an amount equal to any shortfall, as at the relevant Settlement Date, in the provision by the Contracting Party of Eligible Collateral Support that has been requested in accordance with Schedule “C” and may hold such amount as Collateral until any such shortfall has been rectified to the satisfaction of Exchange.
- d. Early Payment of Invoices – A Contracting Party may, if desired, make payment to Exchange prior to the applicable Settlement Date, and such funds, when received, will be applied against the Contracting Party’s Invoice amounts, or may be Set-off against amounts then owed by the Contracting Party to Exchange in accordance with this Agreement.
- e. Pledge of Collateral to Facilitate Payment of Invoices – In accordance with Schedule “C”, all amounts owing by the Contracting Party in respect of a Transaction to ICE NGX on an Invoice are collateralized. On each Settlement Date or Option Premium Date, as applicable, an amount of the Contracting Party’s Collateral equal to any Invoice amount owing by the Contracting Party on that Settlement Date or Option Premium

Date, as applicable, may be pledged to Exchange's Principal Banker to facilitate payment of Invoices by Exchange under the Agreement until such times as the Contracting Party's settlement payment is received by Exchange.

- f. Interest on Late Payment of Invoices – Payments on Invoice amounts owing by the Contracting Party to Exchange, or by Exchange to Contracting Party, as applicable, received after the due date will bear interest at the Default Rate beginning on the day after the due date up to and including the date of payments of all such amounts to Exchange, or to the Contracting Party, as applicable. Interest will be payable only on the amount of any Invoice remaining unpaid from time to time.
- g. Failure to Pay – If a Contracting Party fails to pay an Invoice amount prior to 12:00 p.m. Mountain Prevailing Time on the respective Settlement Date or Option Premium Date, as applicable, ICE NGX may, in its sole discretion, take any action permitted under this Agreement including to effect the Close-out or Liquidation Procedure.

7.3 GST

The Contracting Party hereby agrees with Exchange that the Contracting Party will not provide Exchange with the declaration in writing contemplated by Section 15.2, Part V, Schedule VI to the Excise Tax Act which is available to a recipient who is registered under Subdivision d of Division V of Part IX of the Excise Tax Act. Each of the Contracting Party and Exchange hereby agree to pay any GST that is required to be paid as Buyer pursuant to any Physically Settled Futures Transaction for which it is a Buyer and Contracting Party agrees to pay any GST that is payable on any fees paid to Exchange. Exchange shall provide the Contracting Party with any information required to enable the Contracting Party to claim an input tax credit. The Contracting Party hereby agrees to provide Exchange with its registration number for the payment of GST, if applicable. Each of the Contracting Party and Exchange hereby agree that it will hold and remit GST paid to it hereunder as required by applicable tax legislation and regulations.

7.4 Banking Instructions

- a. Of Contracting Party – An officer or representative of the Contracting Party authorized to provide banking instructions shall notify Exchange of the Contracting Party's banking information and hereby represents and warrants that such information is accurate and current. Exchange is entitled to accept this information via email or other electronic communication, all in accordance with this Agreement and Exchange's stated policies.
- b. Of Exchange – An officer of Exchange authorized to provide banking instructions shall notify the Contracting Party of Exchange's banking information by posting the banking information on its website for access by all Contracting Parties.

7.5 Tax Legislation

- a. Registrant – Exchange is not registered under any provincial sales tax legislation of any of the provinces of Canada or under any other comparable legislation in any provinces; nor is Exchange registered under any state sales tax legislation of any of the states of the United States or under any other comparable legislation in any states.
- b. Self Assessment – The Contracting Party hereby agrees with Exchange that should provincial sales tax in any of the provinces of Canada or under any other comparable legislation in those provinces or any states sales tax in any of the United States or under any other comparable legislation in any states, be exigible in respect of any amounts payable to Exchange pursuant to this Agreement or in respect of any Physically Settled Futures Transaction; or should there be any reporting requirement in respect of any amounts payable to Exchange or in respect of any Physically Settled Futures Transaction; the Contracting Party will be solely liable for such reporting and exigible tax.

7.6 Taxes

- a. Payments by Contracting Party – Any and all payments by the Contracting Party hereunder shall be made free and clear of and without deduction for any and all present and future taxes, liens, imposts, stamp taxes, deduction, charges or withholdings, and all liabilities with respect thereto and any interest, additions to tax and penalties imposed with respect thereto but, for greater certainty, not including any taxes imposed on the income or capital of Exchange, or any franchise taxes imposed on Exchange by any taxing authority (hereinafter referred to as “Taxes”). If the Contracting Party shall be required by law to deduct any Taxes from or in respect of any sum payable hereunder to Exchange:
- (i) the sum payable shall be increased as may be necessary so that after making all required deductions (including deductions applicable to additional sums payable under this Section 7) Exchange receives an amount equal to the sum it would have received had no such deductions been made; and
 - (ii) the Contracting Party shall pay the full amount deducted to the relevant taxation authority or other authority in accordance with the applicable law.
- b. Payment by Exchange – Exchange may deduct or withhold from any amount payable to the Contracting Party any Taxes required by law to be withheld from any such amount payable to the Contracting Party.

ARTICLE 8 – FINANCIALLY SETTLED FUTURES PRODUCTS AND OPTION PRODUCTS

8.1 Financially Settled Futures Products, and Option Products – General

- a. Forms of Financially Settled Futures Products, and Option Products – The forms of Financially Settled Futures Products and Option Products and a description of such Products which may be made available by Exchange to the Contracting Party from time to time are set forth in the ICE NGX Product List and Schedule “E”. Financially Settled Futures Products are Futures Products which can be settled only by the payment of a Cash Settlement Amount and are required to be cleared on ICE NGX Clearing System.
- b. Entering into Financially Settled Futures Transactions – Each of Exchange and the Contracting Party, agrees to be bound by any Financially Settled Futures Transactions as: (i) entered into by the Contracting Party through the ICE NGX Trading System; (ii) entered into as a Block Transaction; or (iii) entered into the ICE NGX Clearing System through the Exchange of Futures for Related Product provision of Section 3.2. Each of Exchange and the Contracting Party agrees to pay the Cash Settlement Amount, MTM Settlement Amount and Daily Financially Settled Futures Settlement Amount as may be required pursuant to any such Financially Settled Futures Transactions.
- c. Entering into Option Transactions – Each of Exchange and the Contracting Party, each in its capacity as the Option Buyer or Option Seller, as the case may be, agrees to be bound by any Option Transactions as: (i) entered into by the Contracting Party through the ICE NGX Trading System; or (ii) entered into the ICE NGX Clearing System including, but not limited to, the terms of any applicable Underlying Futures Transaction and any associated payment or other obligations if such Option Transaction is exercised giving effect to an Underlying Transaction. The Option Buyer agrees to pay the Option Premium Amount as may be required pursuant to any such Option Transactions.
- d. Recourse Against Exchange – Exchange agrees to pay the Cash Settlement Amount, MTM Settlement Amount and Daily Financially Settled Futures Settlement Amount, if any, to the Contracting Party in respect of a Financially Settled Futures Transaction and Exchange agrees to pay the Option Premium Amount to the Option Seller in respect of an Option Transaction, each case to the extent required under the terms applicable to such Financially Settled Futures Transaction or Option Transaction. The Contracting Party and Exchange hereby agree that the recourse of the Contracting Party in respect of any Financially Settled Futures Transactions or Option Transactions is against Exchange and agrees that in the event of an Exchange Default, the Contracting Party is entitled to all rights at law except as specifically limited by this Agreement. Without limitation of the foregoing, in the event that there is an Unremedied Exchange Default, and there is at that time a Defaulting Financially Settled Futures Party or Defaulting Option Party under this Agreement or any other Contracting Party Agreement, Exchange will disclose the name of any such Defaulting Financially Settled Futures Party or Defaulting Option Party to any Contracting Parties affected by such Exchange Default, including the Contracting Party; provided however that any such disclosure by Exchange will not relieve Exchange of its liability to the recipient of the disclosure.
- e. Performance of Financially Settled Futures Transactions – The settlement obligations of Exchange and the Contracting Party under any Financially Settled Futures Transaction will be fully performed upon the payment of all amounts by the Fixed Amount Payer and the corresponding Floating Amount Payer under any such Financially Settled Futures Transaction.
- f. Performance of Option Transactions – The Obligations of Exchange and the Contracting Party under any Option Transaction will be fully performed upon the payment of all amounts by the Option Buyer under any such Option Transaction up to and including the Option Exercise Date (as defined in Schedule “E”), at which time, if the relevant Option Exercise Conditions have been met, the Obligations of Exchange and the Contracting Party in association with any Underlying Transaction become effective, which Obligations will be fully performed upon the payment of all amounts by the respective parties to such Underlying Transactions.
- g. Settlement and Netting of Invoice Amounts – All amounts payable by the Contracting Party or Exchange under any Financially Settled Futures Transaction or Option Transaction are due and are payable and are to

be settled pursuant to Article 7. In determining the net amounts payable or receivable on each Invoice by the Contracting Party, Exchange will Set-Off the amounts payable or receivable in the same currency on account of the Cash Settlement Amount, MTM Settlement Amount and Daily Financially Settled Futures Settlement Amount, as applicable, and fees for the Contracting Party. The Contracting Party and Exchange will be obligated to pay or entitled to receive, as the case may be, only such net amounts. The Contracting Party shall be responsible for any and all wire transfer fees applied or deducted by the Exchange's bank relating to the receipt, deposit or transfer of amounts payable by the Contracting Party. On the Financially Settled Futures Settlement Date, Exchange will not remit any amounts payable from Exchange to the Contracting Party until all amounts payable from the Contracting Party to Exchange have been received by Exchange.

8.2 Rights of Exchange

On the occurrence, or upon Exchange becoming aware, of a Default with respect to a Contracting Party or in the event of a dispute over a Transaction entered into pursuant to Section 3.2, Exchange will notify the Defaulting Party (except that no notice is required where such Defaulting Party becomes insolvent or is unable to pay its debts or institutes or has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy), and thereafter 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, may exercise any combination of the rights and remedies contained in this Section 8.2 or Sections 5.5, 5.6 or 8.3 and any rights or remedies under this Agreement or at law, equity or otherwise including, without limitation, its rights to:

- a. pursuant to Section 3.3 and Schedule "C", request an additional amount of Eligible Collateral Support from the Defaulting Party;
- b. pursuant to Section 6.4, cause a Contracting Party Suspension for a period, which may be in excess of the period during which the Defaulting Party is in Default, or permanently;
- c. declare any amounts of Physical Power scheduled for delivery, or any unpaid Invoices immediately due and payable and to withhold payments under this Agreement (including, without limitation, under any Transaction) and withhold such payments as if paid or provided to Exchange as Collateral;
- d. Reserved;
- e. with respect to Physically Settled Power Futures Transactions, cancel or amend any schedules to deliver or take Physical Power from Contracting Party by amending its schedule in the Transmission Provider system;
- f. Reserved; or
- g. terminate any Transaction, or declare immediately payable or to be performed any Obligations in respect of any Physically Settled Futures Transaction, any Swap Transaction, Option Transaction, ICE NGX Close-out Transaction or this Agreement and, in connection therewith, exercise any of the following rights:
 - (i) pursuant to Section 3.3 or Section 8.3, Set-Off, in whole or in part (including by entering into Offsetting Transactions), any Obligations payable or to be performed by Exchange (to the Defaulting Party or to any Contracting Party Affiliate of the Defaulting Party) against Obligations payable or to be performed by the Defaulting Party (or by any Contracting Party Affiliate of the Defaulting Party) to Exchange, which Obligations may extend to periods beyond the periods during which the Contracting Party is in Default;
 - (ii) demand payment under or in respect of, sell, realize upon, use or drawdown the Collateral and apply such Collateral to the Contracting Party's Obligations; or
 - (iii) terminate this Agreement by notice to the Defaulting Party to be effective upon the date of receipt or deemed receipt (which notice may be the same as that delivered under this Section 8.2 or under Section 8.3 or 5.5); provided, this Agreement shall remain in effect for Transactions entered into prior

to the date of termination until all Obligations to Exchange in respect of such Transactions have been paid and performed.

For the purpose of converting any sum in any currency into Canadian dollars, the rate used for converting such currency into Canadian dollars shall be the actual rate Exchange obtained from Exchange's Principal Banker when converting into Canadian dollars. Any such amounts which are immediately due and payable, but would have been payable at a future date except for the provisions of this Section 8.2 will be discounted to present value. The rate of interest used in discounting to present value shall be determined by Exchange in a commercially reasonable manner. Exchange will forthwith issue an Invoice reflecting all amounts due and payable by the Defaulting Party.

8.3 Close-out Procedure

In the event that Exchange acting in a commercially reasonable manner and in accordance with Section 8.2 or Schedule "E" determines to offset, in whole or in part, Obligations of the Defaulting Financially Settled Futures Party under any Swap Transactions or the Defaulting Option Party under any Option Transactions on behalf of such Contracting Party and having notified such Contracting Party of such determination, Exchange may enter into orders or ICE NGX Close-out Transactions to offset, in whole or in part, such Obligations in such manner and on such terms as may be then available to Exchange. As a consequence of Exchange exercising its rights under this Section 8.3:

- a. any ICE NGX Close-out Transactions will be treated as allocated to the Defaulting Party's account;
- b. Exchange hereby agrees that the Defaulting Party will, for the purposes of determining Exchange's damages, be deemed to have performed its settlement obligations to pay the Cash Settlement Amount, MTM Settlement Amount and Daily Financially Settled Futures Settlement Amount, as applicable, in the case of a Financially Settled Futures Transaction, or to pay the Option Premium Amount and/or Option Settlement Amount in the case of an Option Transaction, under all ICE NGX Close-out Transactions allocated to its account and under that portion or all of its Financially Settled Futures Transactions or Option Transactions, as the case may be, which are offset by such ICE NGX Close-out Transactions;
- c. for the purposes of determining Exchange's damages, Exchange will Set-Off any and all such amounts that are owed or deemed to be owed to the Defaulting Party against any and all such amounts that are owed or deemed to be owed by such Defaulting Party under the Offsetting Transactions to arrive at a single net settlement amount payable to or by the Defaulting Party which shall be immediately due and payable; for clarity, without limitation to any other rights of Exchange under this Agreement, such net settlement amount shall include, without limitation, an amount as liquidated damages representing the pre-estimated amount of the costs of investigation and damage suffered by Exchange in respect of injury to the development of, reputation, and integrity of the business carried on by Exchange, where Exchange has determined, in its sole discretion, that appropriate circumstances exist for the application of such liquidated damages;
- d. Exchange will forthwith provide the Defaulting Party with an Invoice for the Offsetting Transactions setting forth the amounts owed to or by the Defaulting Party and the net settlement amount due to or from the Defaulting Party;
- e. payment to Exchange of any net settlement amount owed by the Defaulting Party shall be deemed to satisfy all of its Obligations with respect to the Offsetting Close-out Transactions; and
- f. Exchange shall pay any net settlement amount owed to the Defaulting Party with respect to the Offsetting Transactions and upon such payment, shall assume all of the rights of the Defaulting Party under the Offsetting Transactions.

ARTICLE 9 - MISCELLANEOUS

9.1 Term

- a. Term – This Agreement will continue in full force and effect unless and until terminated by Exchange pursuant to the terms of this Agreement or by Exchange or the Contracting Party under this Section 9.1.
- b. Termination – In addition, and without limitation, to any other rights of termination granted under this Agreement, either the Contracting Party or Exchange may give notice of termination to the other at any time and this Agreement will be terminated as of the effective date in such notice on the condition that such date is no earlier than one Business Day following receipt or deemed receipt of such notice or, where there is no effective date, then at the end of the period ending eight weeks after receipt of such notice (the “Termination Date”), provided that:
 - (i) this Agreement will continue to be in effect until each of the Contracting Party and Exchange has performed all of its Obligations under all of its Transactions and this Agreement and, for clarity, until any outstanding Invoices of the Contracting Party are deemed paid and settled, as determined in the sole discretion of Exchange; and
 - (ii) the Contracting Party will not be entitled to enter into any Transactions after the Termination Date.
- c. Contrary to Law – In the event that the participation by any Contracting Party pursuant to this Agreement constitutes a violation of any law or regulation applicable to such Contracting Party, either Contracting Party or Exchange will be entitled to give notice of termination to Exchange or Contracting Party, respectively, and this Agreement will be terminated on receipt of such notice, provided that this Agreement will continue to be in effect until each of the Contracting Party and Exchange has performed all of its Obligations under all of its Transactions and this Agreement.
- d. Revisions – In the event that revisions are made to this Agreement, the Contracting Party will be entitled for a period of ten Business Days after the effective date of such revision to give notice of termination to Exchange and this Agreement will be terminated on receipt of such notice, provided that:
 - (i) this Agreement will continue to be in effect until each of the Contracting Party and Exchange has performed all of its Obligations under all of its Transactions and otherwise under this Agreement; and
 - (ii) the Contracting Party will not be entitled to enter into any Transactions after such date of receipt of such notice by Exchange except to offset, in whole or in part, the Obligations of the Contracting Party under any Transactions.
- e. Consequences of Termination – Upon termination of this Agreement by Exchange pursuant to the terms of this Agreement or otherwise under this Section 9.1:
 - (i) any Transactions will continue to be governed by the provisions of this Agreement relating to such Transactions as at the effective date of termination;
 - (ii) any Collateral will be returned or credited to the Contracting Party when all of its Obligations under all of its Transactions are fully performed, subject to the other terms of the Agreement relating to Set-Off or application of the Collateral; and
 - (iii) the license granted under this Agreement to the Contracting Party in respect of the ICE NGX Clearing System will terminate and Exchange may request return of any related data and materials.

9.2 Notices

Any notice, consent, determination or other communication required or permitted to be given or made hereunder shall be in writing and shall be sufficiently given or made if delivered by hand, email, electronic transmission, mail or telephone during normal business hours on a Business Day. Such delivery shall be effective at the time of delivery (in the case of delivery by hand), at the time the relevant notice, consent determination or other communication is sent (in the case of delivery by email or other electronic transmission) or at the time of the relevant communication (in the case of delivery by telephone).

Notices and other communication to Exchange must be addressed to:

ICE NGX Canada Inc.
Suite 2610, 225 - 6th Avenue SW
Calgary, Alberta
T2P 1N2
Attention: President
Email : legal-ICENGX@ice.com

Notices and other communication to the Contracting Party may be addressed to the attention of the person designated from time to time to receive such notices and/or the trader contacts when appropriate.

Other means of electronic communication shall include being available for access by way of the ICE NGX Trading System or the ICE NGX Clearing System.

Each party may change its mailing address, or email address for the purposes of this Section 9.2 by notice to the other pursuant hereto.

9.3 Interest on Payments in Arrears

Except as specifically provided herein, interest shall be paid by any party on amounts, which are not paid when due, at the Default Rate from and including the day on which the amount was due to but excluding the day on which the amount is paid. All interest referred to in this Section 9.3 shall be simple interest calculated daily on the basis of a 365-day year. For the purposes of the *Interest Act* (Canada), the corresponding rate of interest applicable to a 366-day year would be the stipulated rate multiplied by 366 and divided by 365.

9.4 Relationship of Parties

- a. No Partnership or Joint Venture – This Agreement nor the conduct of any party shall in any manner whatsoever constitute or be intended to constitute a partnership or joint venture among the parties or any of them but rather each party shall be severally responsible, liable and accountable for its own Obligations under this Agreement or any conduct arising therefrom and for all claims, demands, actions and causes of action arising therefrom. The parties hereto agree that no party shall have the authority or represent that it has, or hold itself out as having, the authority to act for or assume any obligation or responsibility on behalf of any other party except as may be specifically set forth in this Agreement.
- b. Agency – The Contracting Party hereby specifically appoints, constitutes and empowers Exchange as its true and lawful power of attorney and agent with full power and authority in respect of those matters set forth in this Agreement where Exchange specifically agrees to act on behalf of the Contracting Party and in respect of the receipt, delivery and execution of any Confirmation, Swap Confirmation, Option Confirmation, agreement or notice in writing necessary to ensure the validity or enforceability of any Transaction entered: (i) into by any Contracting Party through the ICE NGX Trading System; or (ii) into the ICE NGX Clearing System against such Contracting Party, including, without limitation, nominations in respect of the delivery or receipt of gas scheduling of the delivery or receipt of Physical Power, the Liquidation Procedure and the Close-out Procedure and in respect of any filing necessary or desirable in respect of any Regulatory Approval

required pursuant to any applicable securities legislation. The power of attorney and agency granted hereby is irrevocable, is a power coupled with an interest and shall survive the bankruptcy, liquidation, winding-up, merger, amalgamation or incapacity of the Contracting Party and bind the successors of the Contracting Party and shall only terminate on the termination of this Agreement. The Contracting Party agrees to be bound by any representation or action made or taken by Exchange pursuant to this power of attorney and hereby waives any and all defences which may be available to contest, negate or disaffirm any action of Exchange taken in good faith under this power of attorney.

9.5 Trading Information

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 relate 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. 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
- c. 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.

9.6 Assignment

This Agreement or the rights, benefits or Obligations hereunder shall not be assignable by the parties hereto without the consent in writing of the other party to this Agreement. Notwithstanding any other provision to the contrary in this Agreement, Exchange may assign as security its rights, benefits and interest hereunder to any bank, trust company, financial institution or any other person providing credit facilities or other financing to Exchange and to any corporation or insurance company providing default insurance to Exchange, provided however that such bank, trust company, institution or other person or corporation or insurance company (the "Security Holder") shall not have any rights or benefits under this Agreement that are greater than the rights and benefits of Exchange hereunder. The Security Holder shall be entitled to utilize the assignment solely for the purpose of accessing the remedies against the Contracting Party available to Exchange under, and pursuant to, the provisions of this Agreement, including, without limitation of the foregoing, under Section 5.5 relating to Physically Settled Futures Transactions and under Section 8.2 relating to Financially Settled Futures Transactions or Option Transactions, provided however that the Security Holder will not be liable or responsible for the observation or performance of any term, covenant, condition or obligation of Exchange by virtue of any assignment of this Agreement to the Security Holder by Exchange.

9.7 General

- a. Entire Agreement – Except as expressly noted to the contrary, this Agreement constitutes the entire agreement among the parties with respect to the matters dealt with therein and supersedes all prior agreements, understandings or writings among the parties, whether written or oral, and whether legally enforceable or not, in respect of those matters.

- b. Compliance with Applicable Laws – Each of Exchange and the Contracting Party hereby agree to comply with all laws which are applicable to the transactions contemplated by this Agreement.
- c. Further Documents – Each of the parties shall, from time to time, at its own cost and expense, execute or cause to be executed all such further documents and do or cause to be done all things which are necessary to give effect to the provisions of this Agreement.
- d. Notice of Change in Ownership of Exchange – Exchange hereby agree to give notice to all Contracting Parties of any change in the ownership, directly or indirectly, of Exchange as soon as reasonably possible after notice of such change is known to Exchange.
- e. Time of the Essence – Time shall be of the essence of this Agreement.
- f. Choice of Language – 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.

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 1 Publication	Floating Price - Index 2	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:	Minimum Futures Block Size (GJMMBtu)
---------------------	----------	--	-------------	--------------	----------------	--------------------------	---------------------	--------------------------	---------------------	-----------------------------------	--------	---	-------------------------------	---------------------------------	--------------------------------------

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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:	Minimum Futures Block Size (GJ/MMBtu)
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
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
NGX Phys FUT, FP (US/MM)	APC-ATP	NGX	Phys	FP	US\$MMBtu						Alliance Pipeline L.P.	Alliance Pipeline L.P. FERC Gas Tariff	Physically Settled Future	Physically Settled Future	N/A	100
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
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
NGX Phys FUT, FP (CA/GJ)	Suffield 2	NGX	Phys	FP	CAD/GJ						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
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
NGX Phys FUT, FP (US/MM)	AB-NIT	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	Spectra Huntingdon	ICE	Phys	FP	US\$MMBtu						Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	Spectra Station #2	NGX	Phys	FP	US\$MMBtu						Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	TCPL Emerson 1	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	TCPL Emerson 2	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	TCPL Enbridge CDA	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	TCPL Enbridge EDA	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	TCPL Enbridge EDA	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms and Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	TCPL St Clair	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	TCPL-Chippawa	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	TCPL-Iroquois	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	TCPL-Niagara	NGX	Phys	FP	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	Union-Dawn	NGX	Phys	FP	US\$MMBtu						Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP (US/MM)	Union-Parkway	NGX	Phys	FP	US\$MMBtu						Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100
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
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
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
NGX Phys FUT, FP SPR (CA/GJ)	Spectra-Strn2/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
NGX Phys FUT, FP Spr (US/MM)	Spectra Station #2/Spectra Huntingdon	NGX	Phys	FP Spread	US\$MMBtu						Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP Spr (US/MM)	TCPL St Clair / Union-Dawn	NGX	Phys	FP Spread	US\$MMBtu						TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100
NGX Phys FUT, FP Spr (US/MM)	Union Dawn / TCPL Enbridge CDA	NGX	Phys	FP Spread	US\$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
NGX Phys FUT, FP Spr (US/MM)	Union Parkway / TCPL Enbridge CDA	NGX	Phys	FP Spread	US\$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

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 Website and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	NGX Bilateral trades on NGX as:	Minimum Futures Block Size (GJ/MMBtu)
NGX Phys FUT, FP Spr (US/MM)	Union Dawn / TCPL Enbridge EDA	NGX	Phys	FP Spread	US\$/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
NGX Phys FUT, FP Spr (US/MM)	Union Dawn / TCPL Energir EDA	NGX	Phys	FP Spread	US\$/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
NGX Phys FUT, FP Spr (US/MM)	Union-Dawn / TCPL Iroquois	NGX	Phys	FP Spread	US\$/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
NGX Phys FUT, FP Spr (US/MM)	Union-Dawn / TCPL Chippawa	NGX	Phys	FP Spread	US\$/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
NGX Phys FUT, FP Spr (US/MM)	Union-Dawn / TCPL Niagara	NGX	Phys	FP Spread	US\$/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
NGX Phys FUT, FP Spr (US/MM)	Union-Dawn / Union Parkway	NGX	Phys	FP Spread	US\$/MMBtu						Union Gas Limited	Union General Terms	Physically Settled Future	Physically Settled Future	N/A	100
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
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
NGX Phys FUT, ID, 2a NGX (US/MM)	AB-NIT	NGX	Phys	ID	US\$/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
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
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
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
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
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
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
NGX Phys FUT, ID, 5a NGX (US/MM)	AB-NIT	NGX	Phys	ID	US\$/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
NGX Phys FUT, ID, 5a NGX (US/MM)	APC-ATP	NGX	Phys	ID	US\$/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
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
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
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
NGX Phys FUT, ID, 7a NGX (US/MM)	AB-NIT	NGX	Phys	ID	US\$/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
NGX Phys FUT, ID, 7a NGX (US/MM)	APC-ATP	NGX	Phys	ID	US\$/MMBtu	ICE NGX AB-NIT Month Ahead (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
NGX Phys FUT, ID, Day Ahead (US/MM)	Union-Dawn	NGX	Phys	ID	US\$/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
NGX Phys FUT, ID, Day Ahead (US/MM)	TCPL Emerson 1	NGX	Phys	ID	US\$/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
NGX Phys FUT, ID, Day Ahead (US/MM)	TCPL Emerson 2	NGX	Phys	ID	US\$/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
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
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
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
NGX Phys FUT, ID, GD (US/MM)	Spectra Huntingdon	ICE	Phys	ID	US\$/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
NGX Phys FUT, ID, IF (US/MM)	Spectra Huntingdon	ICE	Phys	ID	US\$/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
NGX Phys FWD, FP (US/MM)	Spectra Huntingdon	ICE	Phys	FP	US\$/MMBtu						Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	N/A	N/A	Forward	N/A
NGX Phys FWD, ID, GD (US/MM)	Spectra Huntingdon	ICE	Phys	ID	US\$/MMBtu	GDD			Platts Gas Daily		Duke Energy Gas Transmission	Duke Energy Gas Transmission General Terms & Conditions	N/A	N/A	Forward	N/A
NGX Phys FUT, BS, LD1 (US/MM)	TCPL North Bay Junction	NGX	Phys	BS	US\$/MMBtu	LD1			NYMEX last day		TransCanada Pipelines Limited	TransCanada Pipelines Limited Terms & Conditions	Physically Settled Future	Physically Settled Future	N/A	100

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/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
NG Phys FUT, BS, LD1	El Paso Keystone	ICE	Phys	BS	USD/Mmbtu	LD1		NYMEX last day		El Paso Pipeline	N/A	El Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, FP	El Paso Keystone	ICE	Phys	FP	USD/Mmbtu					El Paso Pipeline	N/A	El Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, GDD	El Paso Keystone (EP Perm ID)	ICE	Phys	ID	USD/Mmbtu	GDD		Platt's Gas Daily		El Paso Pipeline	N/A	El Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, GDD	El Paso Keystone (EP WTX ID)	ICE	Phys	ID	USD/Mmbtu	GDD		Platt's Gas Daily		El Paso Pipeline	N/A	El Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, IF	El Paso Keystone (EP Perm ID)	ICE	Phys	ID	USD/Mmbtu	IF		Platt's Inside FERC		El Paso Pipeline	N/A	El Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, IF	El Paso Keystone (EP WTX ID)	ICE	Phys	ID	USD/Mmbtu	IF		Platt's Inside FERC		El Paso Pipeline	N/A	El Paso Ferc Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, BS, LD1	El Paso San Juan Blanco Pool	ICE	Phys	BS	USD/Mmbtu	LD1		NYMEX last day		El Paso Pipeline	N/A	El Paso FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, FP	El Paso San Juan Blanco Pool	ICE	Phys	FP	USD/Mmbtu					El Paso Pipeline	N/A	El Paso FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, GDD	El Paso San Juan Blanco Pool	ICE	Phys	ID	USD/Mmbtu	GDD		Platt's Gas Daily		El Paso Pipeline	N/A	El Paso FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, ID, IF	El Paso San Juan Blanco Pool	ICE	Phys	ID	USD/Mmbtu	IF		Platt's Inside FERC		El Paso Pipeline	N/A	El Paso FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
NG Phys FUT, FP	Michcon	ICE	Phys	FP	USD/MMBtu					Michcon	Yes	not FERC regulated	Physically Settled Future	Physically Settled Future	100
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
NG Phys FUT, FP	Opal	ICE	Phys	FP	USD/MMBtu					Williams	N/A	not FERC regulated	Physically Settled Future	Physically Settled Future	100
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
NG Phys FUT, BS, LD1	Stagecoach Marcellus Hub	ICE	Phys	BS	USD/MMBtu	LD1		NYMEX last day		Central New York Oil And Gas	N/A	Central New York Oil And Gas Company, LLC FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100
NG Phys FUT, FP	Stagecoach Marcellus Hub	ICE	Phys	FP	USD/MMBtu					Central New York Oil And Gas	N/A	Central New York Oil And Gas Company, LLC FERC Gas Tariff	Physically Settled Future	Physically Settled Future	100

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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)	Minimum Futures Block Size (MMBtu)
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
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
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
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
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
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
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
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
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
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
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
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
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

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

325

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 WebICE and trades/Clears as NGX:	OTC Clears thru DCO As (EFRP)	Minimum Futures Block Size (Mwh or % equivalent)
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	8
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	16
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 RRO	AESO	Exchange's Website	Financially Settled Future	Financially Settled Future	16
NGX Fin FUT FF, FP for AESO Flat	AB Flat	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	24
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	24
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	8
NGX Fin FUT FF, FP for AESO OnPeak	AB On Peak	NGX	Fin	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	16
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	6
NGX Fin FUT FF, FP for IESO Ext Off Peak	ON Ext Off Peak	NGX	Fin	FP-DS	CAD/MWh		HOEP		IESO	Financially Settled Future	Financially Settled Future	8
NGX Fin FUT FF, FP for IESO Ext Peak	ON Ext Peak	NGX	Fin	FP-DS	CAD/MWh		HOEP		IESO	Financially Settled Future	Financially Settled Future	16
NGX Fin FUT FF, FP for IESO Flat	ON Flat	NGX	Fin	FP-DS	CAD/MWh		HOEP		IESO	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT FF, FP for IESO Off Peak	ON Off Peak	NGX	Fin	FP-DS	CAD/MWh		HOEP		IESO	Financially Settled Future	Financially Settled Future	8
NGX Fin FUT FF, FP for IESO Peak	ON On Peak	NGX	Fin	FP-DS	CAD/MWh		HOEP		IESO	Financially Settled Future	Financially Settled Future	16
NGX Fin FUT FF, FP for AESO Hourly	AB Hourly	NGX	Fin	FP-DS	CAD/MWh		AEFP	AESO	AESO	Financially Settled Future	Financially Settled Future	1
NGX Fin FUT FF, FP for MISI Intertie Flat	Ontario MISI Intertie	NGX	FIN	FP-DS	CAD/MWh		MISI ENGY		IESO	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT FF, FP for MISI Intertie Flat Spr	Ontario/MISI Intertie	NGX	FIN	FP Spread-DS	CAD/MWh					Financially Settled Future	Financially Settled Future	24
NGX Fin FUT FF, FP for NYSI Intertie Flat	Ontario NYSI Intertie	NGX	FIN	FP-DS	CAD/MWh		NYSI ENGY		IESO	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT FF, FP for NYSI Intertie Flat Spr	Ontario/NYSI Intertie	NGX	FIN	FP Spread-DS	CAD/MWh					Financially Settled Future	Financially Settled Future	24
NGX Fin FUT EPCOR RRO (%), FP for AESO Flat, (CA/MWh), Alberta	Alberta	NGX	FIN	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	24
NGX Fin FUT ENMAX RRO (%) FP for AESO Flat, (CA/MWh), Alberta	Alberta	NGX	FIN	FP-DS	CAD/MWh		AEFP		AESO	Financially Settled Future	Financially Settled Future	24

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 Publication	Hub Operator or U.S. Hub Operator	Tariff	Accessed via WebICE and trades / Clears as NGX:	OTC Clears thru DCO as: (EFRP)	Minimum Futures Block Size (MWh)
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	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	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	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	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	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	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	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	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	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	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	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	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	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	1

TOTAL US Physical Financial Futures

123