

BY ELECTRONIC MAIL

Submission No. 16-8 January 12, 2016

Mr. Christopher J. Kirkpatrick Secretary of the Commission Office of the Secretariat Commodity Futures Trading Commission Three Lafayette Centre 1155 21st Street, NW Washington, DC 20581

RE: Recertification of Certain Environmental Futures and Options Contracts Submission Pursuant to Section 5c(c)(1) of the Act and Regulation 40.6(a)

Dear Mr. Kirkpatrick:

Pursuant to Section 5c(c)(1) of the Commodity Exchange Act, as amended ("Act"), and Commission Regulation 40.6(a), ICE Futures U.S., Inc. ("IFUS" or "Exchange") hereby certifies that the Environmental futures and options contracts listed below, which have become dormant under Commission Regulation 40.1(b), continue to comply with the Commodity Exchange Act and the Commission's regulations thereunder and will remain listed by the Exchange.

- 1. Option on California Carbon Allowance Future Vintage 2013 ("CAL")
- 2. Sulfur Financial Instrument Future ("SFM")

The above contracts are listed on IFUS pursuant to Chapter 18 of the Exchange's Rules, attached hereto as Exhibit A, which governs trading of all U.S. Natural Gas, Power, and Environmental futures and options contracts. Please note that the terms and conditions of the contract are not being changed. Furthermore, the contracts are cleared by ICE Clear Europe, a derivatives clearing organization which clears all Exchange-listed Energy contracts; and the Exchange's Market Regulation staff performs the compliance and market surveillance function for the contracts.

The Exchange certifies that the contracts remain in compliance with the Commodity Exchange Act and the Commission's regulations thereunder. The Exchange is not aware of any substantive opposing views with respect to the continued listing of the contracts. ICE Futures US further certifies that a copy of this submission was posted on the Exchange's website concurrent with its filing with the Commission.

If you have any questions or need further information, please contact me at 212-748-4021 or at jason.fusco@theice.com.

Sincerely,

Jason V. Fusco

Assistant General Counsel

Market Regulation

Enc.

cc: Division of Market Oversight

New York Regional Office

EXHIBIT A

ICE Futures U.S.®, Inc.

U.S. NATURAL GAS, POWER ENVIRONMENT FUTURES AND NATURAL GAS LIQUIDS AND OPTIONS CONTRACTS

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ICE Futures U.S.®, Inc.

U.S. NATURAL GAS, POWER ENVIRONMENT FUTURES AND NATURAL GAS LIQUIDS AND OPTIONS CONTRACTS

Rule 18.00 Scope

The rules in this Chapter govern the trading of Energy Futures Contracts and Energy Options. The Clearing Organization for all Energy Contracts shall be ICE Clear Europe Limited. The procedures for trading, clearing, cash settlement, physical delivery and exercise, and any other matters not specifically covered herein shall be governed by the Rules of the Exchange and the Clearing Organization Rules.

Rule 18.01 Definitions

As used in this Chapter 18, the following terms shall have the following meanings:

Biofuelscan

The Term "Biofuelscan" shall mean Platts Biofuelscan, or any successor publication, published by The McGraw-Hill Companies Inc. or its successor.

Adopted by the Board April 10, 2013, effective April 29, 2013.

CAISO

The Term "CAISO", or its successor, shall mean the California Independent System Operator which reports market prices on its website at <u>oasis.caiso.com</u> or its successor.

California MTS

The Term "California MTS" shall mean the California compliance instrument tracking system service or any other State of California approved system for transferring California Carbon Allowances (as defined in Rule 18.D.001).

CAMD ATS

The Term "CAMD ATS" shall mean the EPA Clean Air Markets Division business system allowance tracking system, or its successor.

Canadian Gas Price Reporter

The Term "Canadian Gas Price Reporter" shall mean the Canadian Gas Price Reporter, or any successor publication, published by Canadian Enterdata Ltd. or its successor.

Contract Period

The Term "Contract Period" shall mean the expiration month or date of the Commodity Contract.

CRT

The Term "CRT" shall mean Climate Reserve Tonnes as defined by the Climate Action Reserve.

Delivery Date

The Term "Delivery Date" shall mean the relevant date or month for delivery of the underlying Commodity.

EPA

The Term "EPA" shall mean the U.S. Environmental Protection Agency, or its successor.

ERCOT

The Term "ERCOT" shall mean the Electric Reliability Council of Texas, or its successor, which reports market prices on its website at www.ercot.com or its successor.

Exercise Day

The term "Exercise Day" shall mean any day on which an Option may be exercised in accordance with the Rules.

Gas Daily

The Term "Gas Daily" shall mean Platts Gas Daily, or any successor publication, published by The McGraw-Hill Companies Inc. or its successor.

GJ or Gj

The Term "GJ" or "Gj" each means gigajoule.

Inside FERC

The Term "Inside FERC" shall mean Platts Inside F.E.R.C.'s Gas Market Report, or any successor publication, published by The McGraw-Hill Companies Inc. or its successor.

ISDA

The term "ISDA" shall mean International Swaps and Derivatives Association.

ISO

The term "ISO" shall mean Independent System Operator.

ISO New England

The Term "ISO New England" shall mean the Independent System Operator of New England, or its successor, which reports market prices on its website at www.iso-ne.com or its successor.

LMBP

The term "LMBP" shall mean locational based marginal pricing.

LMP

The term "LMP" shall mean locational based marginal pricing.

MISO

The Term "MISO" shall mean the Midwest Independent Transmission System Operator, Inc., or its successor, which reports market prices on its website at www.midwestiso.org or its successor.

MMBTU or MMBtu or mmbtu

The Term "MMBTU", "MMBtu" and "mmbtu" each means one million British thermal units.

MW

The term "MW" shall mean megawatts. Contract sized defined in megawatts shall represent flow for a number of hours equal to the number of pricing hours in Reference Price A which can be determined by taking the number of hours in the Specified Price for the days in the Pricing Date for the relevant product.

MWH or MWh or mwh

The Term "MWH", "MWh" and "mwh" each means megawatt hour.

Nearby Month

The Term "Nearby Month", when preceded by a numerical adjective, shall mean, in respect of a Delivery Date and a Pricing Date, the delivery month of the Futures Contract identified by that numerical adjective, so that, for example, (A) "First Nearby Month" means the month of delivery of the first Futures Contract to expire following the Pricing Date; (B) "Second Nearby Month" means the month of delivery of the second Futures Contract to expire following that Pricing Date; and (C) "Sixth Nearby Month" means the month of delivery of the sixth Futures Contract to expire following that Pricing Date.

NEPOOL GIS

The Term "NEPOOL GIS" shall mean the New England Power Pool Generation Information System, or its successor.

NERC Holiday

The Term "NERC Holiday" each shall mean holidays as established by the North American Electric Reliability Committee, or its successor. The NERC Holidays and the dates on which they are observed are listed on the NERC web site (www.NERC.com), or its successor, as Additional Off-Peak Days (aka "Holidays").

NGI or NGI's Bidweek Survey

The Term "NGI" and "NGI's Bidweek Survey" each shall mean NGI's Bidweek Survey, or any successor publication, published by Intelligence Press, Inc. or its successor.

NGX

The Term "NGX" shall mean the Natural Gas Exchange Inc., or its successor, which reports market prices on its website at www.ngx.com or its successor.

NYISO

The Term "NYISO" shall mean the New York Independent System Operator, or its successor, which reports market prices on its website at www.nyiso.com or its successor.

NYMEX

The Term "NYMEX" shall mean the New York Mercantile Exchange, Inc. or its successor.

P.JM

The Term "PJM" shall mean the PJM Interconnection regional transmission organization, or its successor, which reports market prices on its website at www.pjm.com or its successor.

Pricing Calendar

The Term "Pricing Calendar" shall mean the holiday calendar relevant for determining the publication dates of a Reference Price.

Pricing Date

The Term "Pricing Date" shall mean the day on which the applicable prices are announced or published by the Price Source.

Price Source

The Term "Price Source" shall mean the publication (or such other origin of reference) containing (or reporting) the Specified Price (or prices from which the Specified Price is calculated).

Reference Price

The Term "Reference Price" shall mean any of the commodity reference prices specified in the 2005 ISDA Commodity Definitions, or any successor publications, or a commodity reference price specified using the commodity reference price framework described in the 2005 ISDA Commodity Definitions, or its successor.

Renewable Identification Number

The term Renewable Identification Number (RIN) shall mean an electronic certificate which represents one gallon of renewable fuel in the context of demonstrating compliance with the Renewable Fuel Standard Program of the Energy Independence and Security Act of 2007.

Adopted by the Board April 10, 2013, effective April 29, 2013.

Specified Price

The Term "Specified Price" shall mean the explicit price reported in or by the Price Source, or capable of being determined from information reported in or by, the relevant Price Source.

Rule 18.02 Obligations of Option Purchasers

- (a) The Purchaser which clears an Option shall pay in full the Premium to the Clearing Organization on the Business Day following the purchase of an Option in accordance with the Clearing Organization Rules regarding the settlement of Commodity Contracts.
- (b) The Purchaser of an Option shall, upon exercising such Option in accordance with the Rules and Clearing Organization Rules, enter into a long position (in the case of a Call Option) or a short position (in the case of a Put Option) in the Underlying Futures Contract deliverable in the Option Contract Period, at the Strike Price specified in such Option ,in accordance with the Clearing Organization Rules; provided, however, that any such contract entered into upon exercise shall be entered into for the account of the Person having purchased the Option.

Rule 18.03 Obligations of Option Grantors

- (a) The Grantor which clears an Option shall make such Margin deposits as the Clearing Organization may require.
- (b) The Grantor of an Option shall, upon being assigned an Exercise Notice in accordance with the Clearing Organization Rules, enter into a short position (in the case of a Call Option) or a long position (in the case of a Put Option) in the Underlying Futures Contract deliverable in the Option Contract Period, at the Strike Price specified in such Option, in accordance with the Clearing Organization Rules; provided, however, that any such contract entered into upon assignment of an Exercise Notice shall be entered into for the account of the Person having granted the Option.

Rule 18.04 Exercise of Options

- (a) All exercises of Options shall be made through the Clearing Organization, in accordance with these Rules and the Clearing Organization Rules. Options shall not be transferred, assigned or otherwise disposed of other than on the Exchange, subject to the Rules and the Clearing Organization Rules.
- (b) The contract specifications for each Option contained in subchapter E of this Chapter 18 specify the exercise method of the respective Option. For purposes of these Rules the permitted exercise methods are as follows:

Automatic Only – shall mean that the Option is not subject to manual exercise or abandonment on any day, including the Last Trading Day;

Manual; Automatic on Last Trading Day – shall mean that the Option is subject to manual exercise on any day and is subject to manual exercise and abandonment on the Last Trading Day; and

Automatic – shall mean that the Option is subject to manual exercise or abandonment *only* on the Last Trading Day.

(c) For any Option that is subject to automatic exercise as set forth in the Rules for such Option, exercise will occur in accordance with such Rules and the Clearing Organization Rules (unless a Clearing Member is permitted under the Rules to elect that such automatic exercise will

not occur and so elects under the Rules). For purposes of automatic exercise and abandonment of an Option, any Option at a Strike Price that is equal to the Settlement Price of the Underlying Futures Contract shall be treated as "out of the money".

- (d) For any Option that is permitted to be manually exercised or abandoned as set forth in the Rules:
 - (i) any Clearing Member who has, or carries accounts for others that have, an open long position in such an Option on any Business Day that the Option is traded and is exercisable under the Rules (other than the Last Trading Day) may issue an Exercise Notice with respect to each open position not later than noon EPT on such Business Day; and
 - (ii) On the Last Trading Day, any Clearing Member which has, or carries accounts for others which have, an open long position in the expiring Option may issue an Exercise Notice with respect to each open position not later than 4:30 EPT.
- (e) Notwithstanding the foregoing, if issuance of a final Settlement Price of the Underlying Futures Contract is delayed beyond the last Exercise Day of an Option, then long Option positions shall be exercisable (in accordance with the methods specified in the rules of each Option) using a price determined and published by the Exchange on the basis of market information known to the Exchange and deemed reliable.

Rule 18.05 Open Interest in Energy Contracts

- (a) Each Clearing Member shall report its open interest in Energy Contracts (separately by proprietary and Customer account) to the Clearing Organization by the close of business (or such other time as the Clearing Organization may specify) on each Exchange Business Day. On each Exchange Business Day, each Clearing Member shall report to the Clearing Organization by the time specified by the Exchange or the Clearing Organization, any adjustments to be made in the open interest reported on the previous Business Day. The open interest so reported and adjusted shall be used by the Exchange for the purpose of publishing the open interest in all outstanding Energy Contracts.
- (b) If the account of any Customer carried by a Clearing Member (other than on an omnibus basis) has a long and short position in the same Contract Period, the Clearing Member must determine, in accordance with applicable law, whether such positions should be reported on a net basis or a gross basis. If the account of any Customer carried by a Clearing Member (other than on an omnibus basis) or if any proprietary account of a Clearing Member has a long and short position in the same Contract Period in Commodity Contracts which are identical except for the size of the unit of trading and which are identified by the Clearing Organization as fungible, the Clearing Member may cause the positions to be offset and report as open interest only the net position of such customer or proprietary account for the Commodity Contract in which a position remains.
- (c) If a Clearing Member discovers an error in any report made pursuant to this Rule 18.05, such Clearing Member shall as soon as practicable submit to the Clearing Organization and the Exchange a correction and a written statement as to how the error occurred.
- (d)On the Last Trading Day of an expiring Contract Period, the Exchange may request Clearing Members to report open interest so that the Exchange can publish an indicative open interest figure based on the open interest held by Clearing Members as of the time specified by the Exchange in its request for open position information. In such case, after the close of trading on the Last Trading Day, Clearing Members will be permitted to perform settlements and position adjustments with respect to the positions so reported by them to the Exchange, until such cut-off time as the Exchange shall establish. Clearing Members shall ensure that positions in such

expiring Contract Period for which open interest may not be reported on a gross basis are settled on the Last Trading Day prior to such time as the Exchange may specify.

(e) Positions which have been reported on a net basis may not be re-opened other than by trading, unless authorized by the Exchange in writing.

Amended by the Board September 10, 2014; effective October 2, 2014 [\P (c)].

Resolution No. 1-Minimum Price Fluctuation Table

The following minimum price fluctuations shall be applicable to Energy Contracts.

| Rule | Product | ct Minimum Price Fluctuation |
|----------|----------------------------------|---|
| Number | | Screen Blocks and other trades outside the central limit order book |
| 18.A.001 | AB NIT Basis Future | \$0.0005 \$0.0001 |
| 18.A.002 | Algonquin Citygates Basis Future | \$0.0005 \$0.0001 |
| 18.A.003 | ANR SE (Louisiana) Basis Future | \$0.0005 \$0.0001 |
| 18.A.004 | ANR SW (Oklahoma) Basis Future | \$0.0005 \$0.0001 |
| 18.A.005 | Enable Gas Basis Future | \$0.0005 \$0.0001 |
| 18.A.006 | CG Mainline Basis Future | \$0.0005 \$0.0001 |
| 18.A.007 | CG Onshore Basis Future | \$0.0005 \$0.0001 |
| 18.A.008 | Chicago Basis Future | \$0.0005 \$0.0001 |
| 18.A.009 | CIG Rockies Basis Future | \$0.0005 \$0.0001 |
| 18.A.010 | Dominion South Basis Future | \$0.0005 \$0.0001 |
| 18.A.011 | EP Permian Basis Future | \$0.0005 \$0.0001 |
| 18.A.012 | EP San Juan Basis Future | \$0.0005 \$0.0001 |
| 18.A.013 | Florida Gas Zone 3 Basis Future | \$0.0005 \$0.0001 |
| 18.A.014 | Henry Basis Future | \$0.0005 \$0.0001 |
| 18.A.015 | HSC Basis Future | \$0.0005 \$0.0001 |
| 18.A.016 | Malin Basis Future | \$0.0005 \$0.0001 |
| 18.A.017 | Michcon Basis Future | \$0.0005 \$0.0001 |
| 18.A.018 | NGPL Midcont Basis Future | \$0.0005 \$0.0001 |
| 18.A.019 | NGPL STX Basis Future | \$0.0005 \$0.0001 |
| 18.A.020 | NGPL TXOK Basis Future | \$0.0005 \$0.0001 |
| 18.A.021 | NNG Demarc Basis Future | \$0.0005 \$0.0001 |

| 18.A.022 | NNG Ventura Basis Future | \$0.0005 | \$0.0001 |
|----------|--|----------|----------|
| 18.A.023 | NWP Rockies Basis Future | \$0.0005 | \$0.0001 |
| 18.A.024 | NWP Sumas Basis Future | \$0.0005 | \$0.0001 |
| 18.A.025 | ONEOK Gas Transportation Basis Future | \$0.0005 | \$0.0001 |
| 18.A.026 | Panhandle Basis Future | \$0.0005 | \$0.0001 |
| 18.A.027 | PG&E Citygate Basis Future | \$0.0005 | \$0.0001 |
| 18.A.028 | Socal Border Basis Future | \$0.0005 | \$0.0001 |
| 18.A.029 | Socal Citygate Basis Future | \$0.0005 | \$0.0001 |
| 18.A.030 | Sonat Basis Future | \$0.0005 | \$0.0001 |
| 18.A.031 | Southern Star TX OK KS Basis Future | \$0.0005 | \$0.0001 |
| 18.A.032 | TCO Basis Future | \$0.0005 | \$0.0001 |
| 18.A.033 | Tennessee 500L Basis Future | \$0.0005 | \$0.0001 |
| 18.A.034 | Tennessee 800L Basis Future | \$0.0005 | \$0.0001 |
| 18.A.035 | Tennessee Zone 0 Basis Future | \$0.0005 | \$0.0001 |
| 18.A.036 | TETCO ELA Basis Future | \$0.0005 | \$0.0001 |
| 18.A.037 | TETCO M3 Basis Future | \$0.0005 | \$0.0001 |
| 18.A.038 | TETCO STX Basis Future | \$0.0005 | \$0.0001 |
| 18.A.039 | TETCO WLA Basis Future | \$0.0005 | \$0.0001 |
| 18.A.040 | TGT Zone 1 Basis Future | \$0.0005 | \$0.0001 |
| 18.A.041 | TGT Zone SL (FT) Basis Future | \$0.0005 | \$0.0001 |
| 18.A.042 | Transco Station 30 (Zone 1) Basis Future | \$0.0005 | \$0.0001 |
| 18.A.043 | Transco Station 45 (Zone 2) Basis Future | \$0.0005 | \$0.0001 |
| 18.A.044 | Transco Station 65 (Zone 3) Basis Future | \$0.0005 | \$0.0001 |
| 18.A.045 | Transco Station 85 (Zone 4) Basis Future | \$0.0005 | \$0.0001 |
| 18.A.046 | Transco Zone 6 (non NY) Basis Future | \$0.0005 | \$0.0001 |
| 18.A.047 | Transco Zone 6 (NY) Basis Future | \$0.0005 | \$0.0001 |

| 18.A.048 | Trunkline LA Basis Future | \$0.0005 | \$0.0001 |
|----------|----------------------------------|----------|----------|
| 18.A.049 | Union Dawn Basis Future | \$0.0005 | \$0.0001 |
| 18.A.050 | Waha Basis Future | \$0.0005 | \$0.0001 |
| 18.A.051 | AB NIT Index Future | \$0.0005 | \$0.0001 |
| 18.A.052 | Algonquin Citygates Index Future | \$0.0005 | \$0.0001 |
| 18.A.053 | ANR SE (Louisiana) Index Future | \$0.0005 | \$0.0001 |
| 18.A.054 | ANR SW (Oklahoma) Index Future | \$0.0005 | \$0.0001 |
| 18.A.055 | Enable Gas Index Future | \$0.0005 | \$0.0001 |
| 18.A.056 | CG-Mainline Index Future | \$0.0005 | \$0.0001 |
| 18.A.057 | Chicago Index Future | \$0.0005 | \$0.0001 |
| 18.A.058 | CIG Rockies Index Future | \$0.0005 | \$0.0001 |
| 18.A.059 | Dominion South Index Future | \$0.0005 | \$0.0001 |
| 18.A.060 | EP Permian Index Future | \$0.0005 | \$0.0001 |
| 18.A.061 | EP San Juan Index Future | \$0.0005 | \$0.0001 |
| 18.A.062 | Florida Gas Zone 3 Index Future | \$0.0005 | \$0.0001 |
| 18.A.063 | Henry Index Future | \$0.0005 | \$0.0001 |
| 18.A.064 | HSC Index Future | \$0.0005 | \$0.0001 |
| 18.A.065 | Malin Index Future | \$0.0005 | \$0.0001 |
| 18.A.066 | Michcon Index Future | \$0.0005 | \$0.0001 |
| 18.A.067 | NGPL Midcont Index Future | \$0.0005 | \$0.0001 |
| 18.A.068 | NGPL STX Index Future | \$0.0005 | \$0.0001 |
| 18.A.069 | NGPL TXOK Index Future | \$0.0005 | \$0.0001 |
| 18.A.070 | NNG Demarc Index Future | \$0.0005 | \$0.0001 |
| 18.A.071 | NNG Ventura Index Future | \$0.0005 | \$0.0001 |
| 18.A.072 | NWP Rockies Index Future | \$0.0005 | \$0.0001 |
| 18.A.073 | NWP Sumas Index Future | \$0.0005 | \$0.0001 |

| 18.A.074 | ONEOK Gas Transporation Index Future | \$0.0005 | \$0.0001 |
|----------|--|----------|----------|
| 18.A.075 | Panhandle Index Future | \$0.0005 | \$0.0001 |
| 18.A.076 | PG&E Citygate Index Future | \$0.0005 | \$0.0001 |
| 18.A.077 | Socal Border Index Future | \$0.0005 | \$0.0001 |
| 18.A.078 | Socal Citygate Index Future | \$0.0005 | \$0.0001 |
| 18.A.079 | Sonat Index Future | \$0.0005 | \$0.0001 |
| 18.A.080 | Southern Star TX OK KS Index Future | \$0.0005 | \$0.0001 |
| 18.A.081 | TCO Index Future | \$0.0005 | \$0.0001 |
| 18.A.082 | Tennessee 500L Index Future | \$0.0005 | \$0.0001 |
| 18.A.083 | Tennessee Zone 0 Index Future | \$0.0005 | \$0.0001 |
| 18.A.084 | TETCO ELA Index Future | \$0.0005 | \$0.0001 |
| 18.A.085 | TETCO M3 Index Future | \$0.0005 | \$0.0001 |
| 18.A.086 | TETCO STX Index Future | \$0.0005 | \$0.0001 |
| 18.A.087 | TETCO WLA Index Future | \$0.0005 | \$0.0001 |
| 18.A.088 | TGT Zone 1 Index Future | \$0.0005 | \$0.0001 |
| 18.A.089 | Transco Station 45 (Zone 2) Index Future | \$0.0005 | \$0.0001 |
| 18.A.090 | Transco Station 65 (Zone 3) Index Future | \$0.0005 | \$0.0001 |
| 18.A.091 | Transco Station 85 (Zone 4) Index Future | \$0.0005 | \$0.0001 |
| 18.A.092 | Transco Zone 6 (non NY) Index Future | \$0.0005 | \$0.0001 |
| 18.A.093 | Transco Zone 6 (NY) Index Future | \$0.0005 | \$0.0001 |
| 18.A.094 | Waha Index Future | \$0.0005 | \$0.0001 |
| 18.A.095 | AB NIT Swing Future | \$0.0010 | \$0.0001 |
| 18.A.096 | Algonquin Citygates Swing Future | \$0.0010 | \$0.0001 |
| 18.A.097 | ANR SE (Louisiana) Swing Future | \$0.0010 | \$0.0001 |
| 18.A.098 | ANR SW (Oklahoma) Swing Future | \$0.0010 | \$0.0001 |
| 18.A.099 | Enable Gas Swing Future | \$0.0010 | \$0.0001 |

| 18.A.100 | CG-Mainline Swing Future | \$0.0010 | \$0.0001 |
|----------|-------------------------------------|----------|----------|
| 18.A.101 | Chicago Swing Future | \$0.0010 | \$0.0001 |
| 18.A.102 | CIG Rockies Swing Future | \$0.0010 | \$0.0001 |
| 18.A.103 | Dominion South Swing Future | \$0.0010 | \$0.0001 |
| 18.A.104 | EP Permian Swing Future | \$0.0010 | \$0.0001 |
| 18.A.105 | EP San Juan Swing Future | \$0.0010 | \$0.0001 |
| 18.A.106 | Florida Gas Zone 3 Swing Future | \$0.0010 | \$0.0001 |
| 18.A.107 | Henry Swing Future | \$0.0010 | \$0.0001 |
| 18.A.108 | HSC Swing Future | \$0.0010 | \$0.0001 |
| 18.A.109 | Lebanon Swing Future | \$0.0010 | \$0.0001 |
| 18.A.110 | Malin Swing Future | \$0.0010 | \$0.0001 |
| 18.A.111 | Michcon Swing Future | \$0.0010 | \$0.0001 |
| 18.A.112 | NGPL Midcont Swing Future | \$0.0010 | \$0.0001 |
| 18.A.113 | NGPL STX Swing Future | \$0.0010 | \$0.0001 |
| 18.A.114 | NGPL TXOK Swing Future | \$0.0010 | \$0.0001 |
| 18.A.115 | NNG Demarc Swing Future | \$0.0010 | \$0.0001 |
| 18.A.116 | NNG Ventura Swing Future | \$0.0010 | \$0.0001 |
| 18.A.117 | NWP Rockies Swing Future | \$0.0010 | \$0.0001 |
| 18.A.118 | NWP Sumas Swing Future | \$0.0010 | \$0.0001 |
| 18.A.119 | ONEOK Gas Swing Future | \$0.0010 | \$0.0001 |
| 18.A.120 | Panhandle Swing Future | \$0.0010 | \$0.0001 |
| 18.A.121 | PG&E Citygate Swing Future | \$0.0010 | \$0.0001 |
| 18.A.122 | Socal Border Swing Future | \$0.0010 | \$0.0001 |
| 18.A.123 | Socal Citygate Swing Future | \$0.0010 | \$0.0001 |
| 18.A.124 | Sonat Swing Future | \$0.0010 | \$0.0001 |
| 18.A.125 | Southern Star TX OK KS Swing Future | \$0.0010 | \$0.0001 |

| 18.A.126 | TCO Swing Future | \$0.0010 | \$0.0001 |
|----------|--|-----------|-----------|
| 18.A.127 | Tennessee-Zone 0 Swing p Future | \$0.0010 | \$0.0001 |
| 18.A.128 | TETCO M3 Swing Future | \$0.0010 | \$0.0001 |
| 18.A.129 | TETCO STX Swing Future | \$0.0010 | \$0.0001 |
| 18.A.130 | TGT Zone 1 Swing Future | \$0.0010 | \$0.0001 |
| 18.A.131 | Transco Station 65 (Zone 3) Swing Future | \$0.0010 | \$0.0001 |
| 18.A.132 | Transco Station 85 (Zone 4) Swing Future | \$0.0010 | \$0.0001 |
| 18.A.133 | Transco Zone 6 (non NY) Swing Future | \$0.0010 | \$0.0001 |
| 18.A.134 | Transco Zone 6 (NY) Swing Future | \$0.0010 | \$0.0001 |
| 18.A.135 | Waha Swing Swap Future | \$0.0010 | \$0.0001 |
| 18.A.136 | AB NIT NGX Same Day 5a Fixed Price Future | C\$0.0005 | C\$0.0001 |
| 18.A.137 | EP San Juan Fixed Price Future | \$0.0001 | \$0.0001 |
| 18.A.138 | Henry Calendar Year One Time Fixed Price Future | \$0.0010 | \$0.0001 |
| 18.A.139 | Henry LD1 Fixed Price Future | \$0.001 | \$0.001 |
| 18.A.140 | Henry LD1 Same Day Fixed Price Future | \$0.0010 | \$0.0001 |
| 18.A.141 | Henry LD4 Fixed Price Future | \$0.0010 | \$0.0001 |
| 18.A.142 | Henry Penultimate Fixed Price Future | \$0.0010 | \$0.0001 |
| 18.A.143 | Panhandle Fixed Price Future | \$0.0001 | \$0.0001 |
| 18.A.144 | Socal Fixed Price Future | \$0.0001 | \$0.0001 |
| 18.A.145 | Henry Penultimate 1-Month Calendar Spread Future | \$0.0010 | \$0.0001 |
| 18.A.146 | Henry Penultimate 3-Month Calendar Spread Future | \$0.0010 | \$0.0001 |
| 18.A.147 | Henry Penultimate 6-Month Calendar Spread Future | \$0.0010 | \$0.0001 |
| 18.A.148 | Iroquois (Into) Basis (Platts) Future | \$0.0005 | \$0.0001 |
| 18.A.149 | Iroquois-Z2 Basis (Platts) Future | \$0.0005 | \$0.0001 |
| 18.A.151 | Iroquois (Into) Swing (Platts) Future | \$0.0010 | \$0.0001 |

| 18.A.152 | Iroquois-Z2 Swing (Platts) Future | \$0.0010 | \$0.0001 |
|----------|--|----------|----------|
| 18.A.154 | Iroquois (Into) Index (Platts) Future | \$0.0005 | \$0.0001 |
| 18.A.155 | Iroquois-Z2 Index (Platts) Futures | \$0.0005 | \$0.0001 |
| 18.A.156 | US EIA Financial Weekly Index | 1 BCF | 1 BCF |
| 18.A.157 | EIA End of Draw Index | 1 BCF | 1 BCF |
| 18.A.158 | EIA End of Storage Index | 1 BCF | 1 BCF |
| 18.A.159 | TETCO M2 Basis Futures (Receipts) | \$0.0005 | \$0.0001 |
| 18.A.160 | Tennessee Zone 6 200L Basis Future | \$0.0005 | \$0.0001 |
| 18.A.161 | Transco Leidy Basis Future | \$0.0005 | \$0.0001 |
| 18.A.162 | Transco Leidy Swing Future | \$0.0010 | \$0.0001 |
| 18.A.163 | Transco Leidy Index Future | \$0.0005 | \$0.0001 |
| 18.A.164 | Tennessee Zone 4 300L Basis Future | \$0.0005 | \$0.0001 |
| 18.A.165 | Tennessee Zone 4 300L Swing Future | \$0.0010 | \$0.0001 |
| 18.A.166 | Tennessee Zone 4 300L Index Future | \$0.0005 | \$0.0001 |
| 18.A.167 | Transco Zone 5 Basis Future | \$0.0005 | \$0.0001 |
| 18.A.168 | Transco Zone 5 Swing Future | \$0.0010 | \$0.0001 |
| 18.A.169 | Transco Zone 5 Index Future | \$0.0005 | \$0.0001 |
| 18.A.170 | TETCO M2 Swing Future (Receipts) | \$0.0010 | \$0.0001 |
| 18.A.171 | TETCO M2 Index Future (receipts) | \$0.0005 | \$0.0001 |
| 18.A.172 | Henry LD1 Fixed Price Future 25K | \$0.0010 | \$0.0010 |
| 18.A.173 | Henry Penultimate Fixed Price Future 25K | \$0.0010 | \$0.0001 |
| 18.C.001 | RIN D4 (Platts) Future | \$0.0001 | \$0.0001 |
| 18.C.002 | RIN D5 (Platts) Future | \$0.0001 | \$0.0001 |
| 18.C.003 | RIN D6 (Platts) Future | \$0.0001 | \$0.0001 |
| 18.D.013 | CAIR ANNUAL NOx Future | \$0.10 | \$0.10 |
| 18.D.014 | CAIR OZONE SEASON Nox Future | \$0.10 | \$0.10 |

| 18.D.015 | New Jersey Solar Renewable Energy Certificate Future | \$0.01 | \$0.01 |
|----------|---|----------|----------|
| 18.D.016 | Texas Compliance Renewable Energy Certificate Future | \$0.01 | \$0.01 |
| 18.E.001 | Option on EP San Juan Fixed Price Future | \$0.0001 | \$0.0001 |
| 18.E.002 | Option on Henry LD1 Same Day Fixed Price Future | \$0.0001 | \$0.0001 |
| 18.E.003 | Option on Henry LD4 Fixed Price Future | \$0.0001 | \$0.0001 |
| 18.E.004 | Option on Henry Penultimate Fixed Price Future | \$0.0010 | \$0.0001 |
| 18.E.005 | Option on Henry Swing Future | \$0.0001 | \$0.0001 |
| 18.E.006 | Option on Panhandle Fixed Price Future | \$0.0001 | \$0.0001 |
| 18.E.007 | Option on Socal Fixed Price Future | \$0.0001 | \$0.0001 |
| 18.E.008 | Calendar Spread Option on Henry Penultimate 1- Month Calendar Spread Future | \$0.0010 | \$0.0010 |
| 18.E.009 | Calendar Spread Option on Henry Penultimate 3- Month Calendar Spread Future | \$0.0010 | \$0.0010 |
| 18.E.010 | Calendar Spread Option on Henry Penultimate 6- Month Calendar Spread Future | \$0.0010 | \$0.0010 |
| 18.E.011 | Calendar Year One Time Option on Henry Calendar Year One Time Fixed Price Future | \$0.0010 | \$0.0010 |
| 18.B.001 | CAISO NP-15 Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.002 | CAISO SP-15 Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.003 | CAISO SP-15 Day-Ahead Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.203 | ERCOT Daily Load Future | 1MW | 1MW |
| 18.B.004 | ERCOT Houston 345KV Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.005 | ERCOT Houston Load Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.006 | ERCOT Houston Load Zone Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.007 | ERCOT North 345KV Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
|----------|---|--------|--------|
| 18.B.008 | ERCOT North 345KV Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.009 | ERCOT North Load Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.010 | ERCOT North Load Zone Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.011 | ERCOT South 345KV Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.012 | ERCOT South Load Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.013 | ERCOT South Load Zone Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.014 | ERCOT West 345KV Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.015 | ERCOT West Load Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.016 | ERCOT West Load Zone Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.017 | ISO New England Connecticut Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.018 | ISO New England Maine Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.019 | ISO New England Massachusetts Hub Day-Ahead Peak Calendar Year One Time Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.020 | ISO New England Massachusetts Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.021 | ISO New England Massachusetts Hub Day-Ahead Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.022 | ISO New England NE Massachusetts Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.023 | ISO New England New Hampshire Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
|----------|--|--------|--------|
| 18.B.024 | ISO New England SE Massachusetts Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.025 | ISO New England West Central Massachusetts Day- Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.026 | Mid-Columbia Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.027 | Mid-Columbia Day-Ahead Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.028 | MISO Illinois Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.029 | MISO Indiana Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.030 | MISO Indiana Hub Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.031 | MISO Indiana Hub Real-Time Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.032 | NYISO Zone A Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.033 | NYISO Zone C Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.034 | NYISO Zone F Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.035 | NYISO Zone G Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.036 | NYISO Zone J Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.037 | Palo Verde Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.038 | PJM AECO Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.039 | PJM AEP Dayton Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.040 | PJM AEP Dayton Hub Real-Time Peak Calendar Year One Time Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.041 | PJM AEP Dayton Hub Real-Time Peak Fixed Price | \$0.05 | \$0.01 |

Future

| 18.B.042 | PJM APS Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
|----------|---|--------|--------|
| 18.B.043 | PJM BGE Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.044 | PJM ComEd Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.202 | PJM Daily Load Future | 1MW | 1MW |
| 18.B.045 | PJM DPL Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.046 | PJM Duquesne Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.047 | PJM Eastern Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.048 | PJM JCPL Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.049 | PJM METED Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.050 | PJM NI Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.051 | PJM NI Hub Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.052 | PJM PECO Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.053 | PJM PENELEC Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.054 | PJM PEPCO Zone Day-Ahead Peak Month Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.055 | PJM PPL Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.056 | PJM PSEG Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.057 | PJM Western Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.058 | PJM Western Hub Real-Time Peak Calendar Year One Time Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.059 | PJM Western Hub Real-Time Peak Fixed Price | \$0.05 | \$0.01 |

Future

| 18.B.060 | PJM Western Hub Real-Time Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
|----------|---|--------|--------|
| 18.B.061 | PJM Western Hub Real-Time Peak Planning Year One Time Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.062 | CAISO NP-15 Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.063 | CAISO SP-15 Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.064 | ERCOT Houston 345KV Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.065 | ERCOT Houston 345KV Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.066 | ERCOT Houston Load Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.067 | ERCOT Houston Load Zone Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.068 | ERCOT North 345KV Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.069 | ERCOT North Load Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.070 | ERCOT North Load Zone Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.071 | ERCOT South 345KV Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.072 | ERCOT South Load Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.073 | ERCOT South Load Zone Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.074 | ERCOT West 345KV Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.075 | ERCOT West Load Zone Day-Ahead Off-Peak | \$0.05 | \$0.01 |

Fixed Price Future

| 18.B.076 | ERCOT West Load Zone Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
|----------|--|--------|--------|
| 18.B.077 | ISO New England Connecticut Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.078 | ISO New England Maine Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.079 | ISO New England Massachusetts Hub Day-Ahead Off-Peak Calendar Year One Time Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.080 | ISO New England Massachusetts Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.081 | ISO New England Massachusetts Hub Day-Ahead Off-Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.082 | ISO New England NE Massachusetts Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.083 | ISO New England New Hampshire Day-Ahead Off- Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.084 | ISO New England SE Massachusetts Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.085 | ISO New England West Central Massachusetts Day- Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.086 | Mid-Columbia Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.087 | MISO Illinois Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.088 | MISO Indiana Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.089 | MISO Indiana Hub Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.090 | NYISO Zone A Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.192 | NYISO Zone A Day-Ahead Peak Fixed Price Future | \$0.01 | \$0.01 |
|----------|--|--------|--------|
| 18.B.193 | NYISO Zone A Day-Ahead Off-Peak Fixed Price Future | \$0.01 | \$0.01 |
| 18.B.091 | NYISO Zone C Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.198 | NYISO Zone C Day-2head LBMP Peak Daily Fixed Price Future | \$0.01 | \$0.01 |
| 18.B.199 | NYISO Zone C Day-Ahead LBMP Off-Peak Daily Fixed Price Future | \$0.01 | \$0.01 |
| 18.B.092 | NYISO Zone F Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.200 | NYISO Zone F Day-Ahead LBMP Peak Daily Fixed Price Future | \$0.01 | \$0.01 |
| 18.B.201 | NYISO Zone F Day-Ahead LBMP Off-Peak Daily Fixed Price Future | \$0.01 | \$0.01 |
| 18.B.093 | NYISO Zone G Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.194 | NYISO Zone G Day-Ahead Peak Mini Fixed Price Future | \$0.01 | \$0.01 |
| 18.B.195 | NYISO Zone G Day-Ahead Off-Peak Mini Fixed Price Future | \$0.01 | \$0.01 |
| 18.B.094 | NYISO Zone J Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.196 | NYISO Zone J Day-Ahead Peak Mini Fixed Price Future | \$0.01 | \$0.01 |
| 18.B.197 | NYISO Zone J Day-Ahead Off Peak Mini Fixed Price Future | \$0.01 | \$0.01 |
| 18.B.095 | Palo Verde Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.096 | PJM AECO Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.097 | PJM AEP Dayton Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
|----------|--|--------|--------|
| 18.B.098 | PJM AEP Dayton Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.099 | PJM AEP Dayton Hub Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.100 | PJM APS Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.101 | PJM BGE Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.102 | PJM ComEd Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.103 | PJM DPL Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.104 | PJM Duquesne Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.105 | PJM Eastern Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.106 | PJM JCPL Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.107 | PJM METED Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.108 | PJM NI Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.109 | PJM NI Hub Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.110 | PJM PECO Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.111 | PJM PENELEC Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.112 | PJM PEPCO Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.113 | PJM PPL Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
|----------|---|--------|--------|
| 18.B.114 | PJM PSEG Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.115 | PJM Western Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.116 | PJM Western Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.117 | PJM Western Hub Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.118 | PJM Western Hub Real-Time Off-Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.119 | CAISO NP-15 Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.120 | CAISO NP-15 Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.121 | CAISO Palo Verde Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.122 | CAISO SP-15 Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.123 | CAISO SP-15 Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.124 | ERCOT Houston 345KV Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.125 | ERCOT Houston 345KV Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.126 | ERCOT Houston Load Zone Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.127 | ERCOT North 345KV Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.128 | ERCOT North 345KV Hub Real-Time Peak Daily Look Back Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.129 | ERCOT North 345KV Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
|----------|--|--------|--------|
| 18.B.130 | ERCOT North Load Zone Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.131 | ERCOT South 345KV Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.132 | ERCOT South 345KV Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.133 | ERCOT South Load Zone Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.134 | ERCOT West 345KV Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.135 | ERCOT West 345KV Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.136 | ERCOT West Load Zone Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.137 | ISO New England Massachusetts Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.138 | Mid-Columbia Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.139 | MISO Indiana Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.140 | MISO Indiana Hub Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.141 | MISO Indiana Hub Real-Time Peak Daily Look Back Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.142 | NYISO Zone A Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.143 | NYISO Zone G Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.144 | NYISO Zone J Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.145 | Palo Verde Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
|----------|---|--------|--------|
| 18.B.146 | PJM AEP Dayton Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.147 | PJM AEP Dayton Hub Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.148 | PJM AEP Dayton Hub Real-Time Peak Daily Look Back Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.149 | PJM Eastern Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.150 | PJM JCPL Zone Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.151 | PJM NI Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.152 | PJM NI Hub Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.153 | PJM PEPCO Zone Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.154 | PJM PSEG Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.155 | PJM Western Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.156 | PJM Western Hub Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.157 | PJM Western Hub Real-Time Peak Daily Look Back Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.158 | CAISO NP-15 Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.159 | CAISO NP-15 Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.160 | CAISO SP-15 Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| | | | |

| 18.B.161 | CAISO SP-15 Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
|----------|--|--------|--------|
| 18.B.162 | ERCOT Houston 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.163 | ERCOT Houston 345KV Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.164 | ERCOT Houston Load Zone Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.165 | ERCOT North 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.166 | ERCOT North 345KV Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.167 | ERCOT North Load Zone Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.168 | ERCOT South 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.169 | ERCOT South 345KV Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.170 | ERCOT South Load Zone Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.171 | ERCOT West 345KV Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.172 | ERCOT West 345KV Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.173 | ERCOT West Load Zone Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.174 | ISO New England Massachusetts Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.175 | Mid-Columbia Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.176 | MISO Indiana Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.177 | MISO Indiana Hub Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
|----------|--|--------|--------|
| 18.B.178 | NYISO Zone A Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.179 | NYISO Zone G Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.180 | NYISO Zone J Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.181 | Palo Verde Day-Ahead Off-Peak Daily Future | \$0.05 | \$0.01 |
| 18.B.182 | PJM AEP Dayton Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.183 | PJM AEP Dayton Hub Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.184 | PJM Eastern Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.185 | PJM JCPL Zone Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.186 | PJM NI Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.187 | PJM NI Hub Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.188 | PJM PEPCO Zone Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.189 | PJM PSEG Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.190 | PJM Western Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.191 | PJM Western Hub Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.204 | CAISO SP-15 Day-Ahead Off-Peak Mini Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.205 | ERCOT Capacity Responsive Reserve Future | \$0.05 | \$0.01 |
|----------|--|--------|--------|
| 18.B.206 | Mid-Columbia Day-Ahead Off-Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.207 | MISO Arkansas Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.208 | MISO Arkansas Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.209 | MISO Indiana Hub Real-Time Off-Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.210 | MISO Louisiana Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.211 | MISO Louisiana Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.212 | MISO Michigan Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.213 | MISO Michigan Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.214 | MISO Minnesota Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.215 | MISO Minnesota Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.216 | MISO Texas Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.217 | MISO Texas Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.218 | MISO Texas Hub Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.219 | MISO Texas Hub Real-Time Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.220 | PJM AEP Dayton Hub Real-Time Off-Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.221 | PJM AEP Dayton Hub Real-Time Peak Mini Fixed | \$0.05 | \$0.01 |
| | | | |

Price Future

| 18.B.222 | PJM ATSI Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
|----------|--|--------|--------|
| 18.B.223 | PJM ATSI Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.224 | PJM DEOK Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.225 | PJM DEOK Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.226 | PJM NI Hub Real-Time Off-Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.227 | PJM NI Hub Real-Time Peak Mini Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.228 | SPP North Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.229 | SPP North Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.230 | SPP South Hub Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.231 | SPP South Hub Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.232 | ISO New England Massachusetts Hub Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.233 | MISO Arkansas Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.234 | MISO Arkansas Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.235 | MISO Louisiana Hub Day-Ahead Off-Peak Daily Future | \$0.05 | \$0.01 |
| 18.B.236 | MISO Louisiana Hub Day-Ahead Peak Fixed Price Daily Future | \$0.05 | \$0.01 |
| 18.B.237 | PJM ATSI Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.238 | PJM ATSI Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |

| 18.B.239 | SPP South Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
|----------|---|--------|--------|
| 18.B.240 | SPP South Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.241 | PJM AEP Zone Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.242 | PJM AEP Zone Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.243 | PJM FE Ohio Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.244 | PJM FE Ohio Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.245 | PJM AEP Zone Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.246 | PJM AEP Zone Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.247 | PJM FE Ohio Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.248 | PJM FE Ohio Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.249 | MISO Texas Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.250 | MISO Texas Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.251 | SPP North Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.252 | SPP North Hub Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.253 | SPP South Hub Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.254 | SPP South Hub Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.255 | CAISO NP-15 Fifteen Minute Marker Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| | | | |

| 18.B.256 | CAISO NP-15 Fifteen Minute Marker Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
|----------|--|--------|--------|
| 18.B.257 | CAISO SP-15 Fifteen Minute Marker Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.258 | CAISO SP-15 Fifteen Minute Marker Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.259 | ERCOT Non-Spinning Reserve Future | \$0.05 | \$0.01 |
| 18.B.260 | ERCOT Regulation DOWN Future | \$0.05 | \$0.01 |
| 18.B.261 | ERCOT Regulation UP Future | \$0.05 | \$0.01 |
| 18.B.262 | NYISO Zone G Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.263 | NYISO Zone G Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.264 | NYISO Zone A Real-Time Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.265 | NYISO Zone A Real-Time Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.266 | NYISO Zone D Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.267 | NYISO Zone D Day-Ahead Off-Peak Daily Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.268 | NYISO Zone D Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.B.269 | NYISO Zone D Day-Ahead Off-Peak Fixed Price Future | \$0.05 | \$0.01 |
| 18.E.017 | Option on CAISO SP-15 Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.018 | Option on CAISO SP-15 Day-Ahead Peak Mini Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.019 | Option on ERCOT North 345KV Real-Time Peak Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.020 | Option on ISO New England Massachusetts Hub | \$0.05 | \$0.05 |

Day-Ahead Peak Fixed Price Future

| 18.E.021 | Option on Mid-Columbia Day-Ahead Peak Fixed Price Future | \$0.05 | \$0.05 |
|----------|--|--------|--------|
| 18.E.022 | Option on Mid-Columbia Day-Ahead Peak Mini Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.023 | Option on MISO Indiana Hub Real-Time Peak Mini Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.024 | Option on MISO Indiana Hub Real-Time Peak Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.025 | Option on PJM Western Hub Real-Time Peak Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.026 | Option on PJM Western Hub Real-Time Peak Mini Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.027 | Option on PJM Western Hub Real-Time Off-Peak Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.028 | Option on CAISO SP-15 Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.029 | Option on ERCOT North 345KV Hub Real-Time Peak Daily Look Back Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.030 | Option on ISO New England Massachusetts Hub Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.031 | Option on Mid-Columbia Day-Ahead Peak Daily Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.032 | Option on MISO Indiana Hub Real-Time Peak Daily Look Back Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.033 | Option on PJM AEP Dayton Hub Real-Time Peak Daily Look Back Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.034 | Option on PJM Western Hub Real-Time Peak Daily Look Back Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.035 | Calendar One Time Option on ISO New England Massachusetts Hub Day-Ahead Off-Peak Calendar Year One Time Fixed Price Future | \$0.01 | \$0.01 |

| 18.E.036 | Calendar One Time Option on ISO New England Massachusetts Hub Day-Ahead Peak Calendar Year One Time Fixed Price Future | \$0.01 | \$0.01 |
|----------|--|--------|--------|
| 18.E.037 | Calendar One Time Option on PJM Western Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Future | \$0.01 | \$0.01 |
| 18.E.038 | Calendar One Time Option on PJM Western Hub Real-Time Peak Calendar Year One Time Fixed Price Future | \$0.01 | \$0.01 |
| 18.E.039 | Planning Year One Time Option on PJM Western Hub Real-Time Peak Planning Year One Time Fixed Price Future | \$0.01 | \$0.01 |
| 18.E.049 | Option on PJM AEP Dayton Hub Real-Time Peak Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.050 | Option on PJM AEP Dayton Hub Real-Time Off- Peak Fixed Price Future | \$0.05 | \$0.05 |
| 18.E.051 | Calendar One Time Option on PJM AEP Dayton Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Future | \$0.01 | \$0.01 |
| 18.E.052 | Calendar One Time Option on PJM AEP Dayton Hub Real-Time Peak Calendar Year One Time Fixed Price Future | \$0.01 | \$0.01 |
| 18.D.001 | California Carbon Allowance Futures – Vintages 2013 – 2016 | \$0.01 | \$0.01 |
| 18.D.001 | California Carbon Allowance Future – Vintages 2017 – 2018 | \$0.01 | \$0.01 |
| 18.D.002 | Carbon Financial Instrument, United States, Futures | \$0.01 | \$0.01 |
| 18.D.003 | Climate Action Reserve Futures | \$0.01 | \$0.01 |
| 18.D.004 | Connecticut Compliance Renewable Energy Certificates Class 1 Futures | \$0.01 | \$0.01 |
| 18.D.005 | Cross State Air Pollution Rule TR NOx Annual Allowance Futures | \$1.00 | \$1.00 |
| 18.D.006 | Cross State Air Pollution Rule TR NOx Ozone Season Allowance Futures | \$1.00 | \$1.00 |

| 18.D.007 | Cross State Air Pollution Rule TR SO2 Group 1 Allowance Futures | \$0.10 | \$0.10 |
|----------|---|--------|--------|
| 18.D.008 | Cross State Air Pollution Rule TR SO2 Group 2 Allowance Futures | \$0.10 | \$0.10 |
| 18.D.009 | Massachusetts Compliance Renewable Energy Certificates Class 1 Futures | \$0.01 | \$0.01 |
| 18.D.010 | New Jersey Compliance Renewable Energy Certificates Class 1 Futures | \$0.01 | \$0.01 |
| 18.D.011 | Regional Greenhouse Gas Initiative Futures – Vintages 2009 – 2014 | \$0.01 | \$0.01 |
| 18.D.011 | Regional Greenhouse Gas Initiative Future – Vintages 2015 – 2016 | \$0.01 | \$0.01 |
| 18.D.012 | Sulfur Financial Instrument Futures | \$0.10 | \$0.10 |
| 18.D.015 | New Jersey Solar Renewable Energy Certificate Future | \$0.01 | \$0.01 |
| 18.D.017 | Massachusetts Compliance Renewable Energy Certificates Class 1 Vintage Future | \$0.01 | \$0.01 |
| 18.D.018 | New Jersey Compliance Renewable Energy Certificates Class 1 Vintage Future | \$0.01 | \$0.01 |
| 18.D.019 | Connecticut Compliance Renewable Energy Certificates Class 1 Vintage Future | \$0.01 | \$0.01 |
| 18.D.020 | PJM Tri-Qualified Energy Certificates Class 1 Future | \$0.01 | \$0.01 |
| 18.D.021 | Massachusetts Solar Renewable Certificate Future | \$0.01 | \$0.01 |
| 18.E.040 | Option on California Carbon Allowance Futures | \$0.01 | \$0.01 |
| 18.E.041 | Option on Carbon Financial Instrument, United States, Futures | \$0.01 | \$0.01 |
| 18.E.042 | Option on Climate Action Reserve Futures | \$0.01 | \$0.01 |
| 18.E.043 | Option On Cross State Air Pollution Rule TR NOx Annual Allowance Futures | \$0.01 | \$0.01 |
| 18.E.044 | Option on Cross State Air Pollution Rule TR NOx Ozone Season Allowance Futures | \$0.01 | \$0.01 |

| 18.E.045 | Option on Cross State Air Pollution Rule TR SO2 Group 1 Allowance Futures | \$0.10 | \$0.10 |
|----------|--|----------|----------|
| 18.E.046 | Option on Cross State Air Pollution Rule TR SO2 Group 2 Allowance Futures | \$0.10 | \$0.10 |
| 18.E.047 | Option on Regional Greenhouse Gas Initiative Futures | \$0.01 | \$0.01 |
| 18.E.048 | Option on Sulfur Financial Instrument Futures | \$0.01 | \$0.01 |
| 18.E.053 | Option on New Jersey Solar Renewable Energy | \$0.01 | \$0.01 |
| 18.E.054 | Option on New Jersey Compliance Renewable Energy Certificate Class 1 Future | \$0.01 | \$0.01 |
| 18.E.056 | Option on Massachusetts Compliance renewable Energy Certificate Class 1 Future | \$0.01 | \$0.01 |
| 18.E.055 | Option on Connecticut Compliance Renewable Energy Certificate Class 1 Future | \$0.01 | \$0.01 |
| 18.E.057 | Option on Texas Compliance Renewable Energy Certificate Future | \$0.01 | \$0.01 |
| 18.E.058 | Option on RIN D4 (Platts) Future | \$0.0001 | \$0.0001 |
| 18.E.058 | Option on RIN D5 (Platts) Future | \$0.0001 | \$0.0001 |
| 18.E.058 | Option on RIN D6 (Platts) Future | \$0.0001 | \$0.0001 |
| 18.E.059 | Option on Cross State Air Pollution TR NOx Annual Allowance Future - Vintage 2015 | \$0.01 | \$0.01 |
| 18.E.060 | Option on Cross State Air Pollution TR NOx Ozone Season Allowance Future - Vintage 2015 | \$0.01 | \$0.01 |
| 18.E.061 | Option on Cross State Air Pollution TR SO2 Group 1 Allowance Future - Vintage 2015 | \$0.10 | \$0.10 |
| 18.E.062 | Option on Cross State Air Pollution TR SO2 Group 2 Allowance Future - Vintage 2015 | \$0.10 | \$0.10 |
| 18.E.063 | Option on Henry Penultimate Fixed Price Future 25K | \$0.0010 | \$0.0001 |

Resolution 1 was amended December 20, 2012.

Resolution 1 was amended April 29, 2013 with the addition of Iroquois Futures contracts and listing of RIN D4, RIN D5 and RIN D6 Future Vintage 2012 and 2013.

Resolution 1 was amended May 20, 2013 with the addition of CAIR Annual NOx Futures, CAIR Ozone Season Futures, New Jersey Solar Renewable Energy Certificate Futures and Texas Compliance Renewable Energy Certificate Futures.

Resolution 1 was amended November 18, 2013 with the addition of 12 new Electric Power Futures and Options Contracts NYISO Futures and Options Contracts (NYISO Futures and Options Contracts) and 22 new Environmental Futures and Option Contracts.

Resolution 1 was amended May 12, 2014 with the addition of 28 new Financial Power Futures Contracts and 4 Environmental Futures Contracts.

Resolution 1 was amended May 21, 2014 to change the Minimum Price Fluctuation for Blocks and other trades outside the central limit order book for the Option on Henry Penultimate Fixed Price Future contract from .0010 to .0001.

Resolution 1 was amended February 16, 2015 with the addition of 14 new Financial Power, six Financial Natural Gas and 10 Physical Environmental Futures Contracts.

Resolution 1 was amended March 30, 2015 with the addition of five new Financial Natural Gas Futures Contracts, 13 new Financial Power Futures Contracts, and four new Physical Environmental Options Contracts.

Resolution 1 was amended June 1, 2015 with the addition of two new Financial Power Futures Contracts.

Resolution 1 was amended September 28, 2015 with the addition of two new Financial Natural Gas Futures Contracts and one new financial Natural Gas Options Contract.

Resolution No. 2 – Position Limit/Accountability Table

The position limit/accountability levels and reportable levels applicable to Energy Contracts shall be found here:

https://www.theice.com/publicdocs/otc/advisory_notices/IFUS_Energy_Position_Limit_Accountability_and_ Reportable_Levels.xls

- a. not to hold a position in the spot month CME/NYMEX Natural Gas Futures contract during the last three days of trading;
- b. to provide the Exchange with information on the complete book of all positions related to the Henry Hub; and
- c. to provide the Exchange with any other related information or documentation requested by the Exchange

Resolution No. 2 was amended January 14, 2013. (Energy Position Limits).

Resolution No. 2 was amended February 3, 2014 (Addition of 18.B.156).

Resolution No. 2 was amended February 17, 2014 (changes in position limits - ERCOT Houston 345KV Real-Time Off Peak Daily Fixed Price Futures.

Resolution No. 2 was amended April 25, 2014 with changes in contract size for financial power futures and option contracts.

Resolution No. 2 was amended May 12, 2014 with the addition of 28 new Financial Power Futures Contracts and 4 Environmental Futures Contracts.

Resolution No. 2 was amended June 9, 2014 with the addition of four new Emissions Options Vintages.

Resolution No. 2 was amended September 22, 2014 with the addition of four new Financial Natural Gas Futures contracts and nine new Financial Power Futures Contracts.

Resolution No. 2 was amended September 24, 2014 with changes to position limit size for certain Financial Natural Gas and Environmental Futures and Options Contracts."

Resolution No. 2 was amended February 16, 2015 with the addition of 14 new Financial Power, six Financial Natural Gas and 10 Physical Environmental Futures Contracts.

Resolution No. 2 was amended March 30, 2015 with the addition of five new Financial Natural Gas Futures Contracts, 13 new Financial Power Futures Contracts, 11 new Physical Environmental Futures Contracts and four new Physical Environmental Options Contracts.

¹ Conditional Limit. A Person may own or control in the Henry Hub LD1 Natural Gas contract a spot month position up to five times the spot month position limit for the last three days before expiration, provided that the Person submits a completed Conditional Limit Request Form and agrees:

² Denotes a spot month accountability level.

Resolution No. 2 was amended June 1, 2015 with the addition of two new Financial Power Futures Contracts.

Resolution No. 2 was amended September 28, 2015 with the addition of two new Financial Natural Gas Futures Contracts and one new Financial Natural Gas Options Contract.

Subchapter 18D – Physical Environmental Futures Contracts

18.D.012 Sulfur Financial Instrument Future

Contract Description: Monthly physically delivered EPA SO₂ Allowances under Title IV of the Clean Air Act ("U.S. EPA SO₂ Emission Allowance").

Contract Symbol: Vintage 2009: SFH, Vintage 2010: SFI, Vintage 2011: SFJ, Vintage 2012: SFK,

Vintage 2013: SFL, Vintage 2014: SFM, Vintage 2015: SFN

Settlement Method: Physical delivery

Contract Size: 25 U.S. EPA SO₂ Emission Allowances

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One cent (\$0.01) per U.S. EPA SO₂ Emission Allowance; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: 1. Standard-cycle contract listings: a. Monthly contract sets for the current and coming

calendar year; b. December contracts for up to forward 5 years

2. The Exchange may list any other calendar month contract set off the standard-cycle

listing schedule through the last annual December contract set.

Last Trading Day: Three Business Days prior to the last Business Day of the delivery month

Deliverable Instruments: The U.S. EPA SO₂ Emission Allowances acceptable for delivery are allowances having a vintage corresponding to the specified vintage and allowances having a vintage of any year prior to the specified vintage-year.

Registry: CAMD ATS

Subchapter 18E – Energy Options Contracts

Rule 18.E.040 Option on California Carbon Allowance Future

Contract Description: An Option on the corresponding month of the California Carbon Allowance Future.

Contract Symbol: Vintage 2013: CAL, Vintage 2014: CAM, Vintage 2015: CAN, Vintage 2016: CAO, Vintage 2017: CAP, Vintage 2018: CAW

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 1 California Carbon Allowance Futures Contract

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One cent (\$0.01) per California Carbon Allowance; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: 1. Standard-cycle contract listings: Monthly contract sets for the current year and forward three years.

- 2. Annual December contract sets through 2020.
- 3. The Exchange may list any other calendar month contract sets off the standard-cycle listing schedule through the last expiring contract set.

Strike Price Intervals: A minimum of ten Strike Prices in increments of \$0.05 above and below the atthe-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in \$0.05 increments.

Last Trading Day: At 4:00pm EPT on the 15th calendar day of the delivery month. Where the 15th calendar day is not a Business Day, the Last Trading Day shall be the first Business Day following the 15th calendar day of the delivery month.

Option Style: European

Exercise Method: Automatic

Exercise Procedure: Clearing Members shall provide exercise and abandon instructions to the Clearing Organization in accordance with the Clearing Organization rules

Exercise Time: 5:30 pm EPT on the Last Trading Day