ICE FUTURES U.S.
55 East 52nd Street
New York, New York 10055

Submission No. 19-22
January 28, 2019

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: New Option on CG-Mainline Fixed Price Future and Related Amendments (10 of 41)
Submission Pursuant to Section 5c(c)(1) of the Act and Regulation 40.2

Dear Mr. Kirkpatrick:

Pursuant to Commission Regulations 40.2, ICE Futures U.S., Inc. ("Exchange") submits, by written certification, new Rules 18.A.200-18.A.214, 18.B.344 and 18.B.345, 18.D.047-18.D.050, 18.E.114-18.E.126, 19.A.35, 19.C.105, 19.C.106, amendments to Rules 18.D.022, 18.D.024, amendments to Resolutions 1 and 2 of Chapter 18, and amendments to Resolutions 1 and 2 of Chapter 19. The new rules and amendments provide for 26 new futures contracts and 15 new options on futures contracts, which will be listed on or about March 4, 2019, or such other date as the Exchange shall determine which shall be no sooner than the second business day following the business day on which this submission is received by the Commission.

New Financial Gas Futures and Options Contracts

The Exchange is listing twelve new Financial Gas fixed price futures, the Algonquin Citygates Fixed Price Future, CIG Rockies Fixed Price Future, CG-Mainline Fixed Price Future, Malin Fixed Price Future, NNG Ventura Fixed Price Future, NGPL Midcont Fixed Price Future, NGPL TXOK Fixed Price Ftuure, PG&E Citygate Fixed Price Future, REX Zone 3 Fixed Price Future, TCO Fixed Price Future, Transco Leidy Fixed Price Future, and Transco Zone 6 (non NY) Fixed Price Future, monthly cash settled futures based upon the monthly price for natural gas at Algonquin City-gate, CIG Rocky Mountains, Columbia Gulf Mainline, Malin, NNG Ventura, NGPL Midcontinent, NGPL TexOK, PG&E Citygate, REX Zone 3 Delivered, Columbia Gas Appalachia, Transcontinental Gas Pipeline - Leidy Line Receipts, and Transco Zone 6 (non NY) price hubs, respectively. The contracts will reach expiry at the close of business on the last business day prior to the first calendar day of the contract period. All new Financial Gas fixed price futures will cash settle to the *Inside FERC* price published by Platts, except the Malin Fixed Price Future and PG&E Citygate Fixed Price Future, which will cash settle to the prices published by Natural Gas Intelligence in its *Bidweek Reporter*.

The Exchange is listing three new Financial Gas futures based on the Millennium East Receipts price hub. The Millennium East Pool Basis Future, a monthly cash settled future based upon the difference between the monthly price for natural gas at Millennium East Receipts price hub published by Platts for *Inside FERC* and the NYMEX Henry Hub Natural Gas Futures contract. The contract will reach expiry at the close of business on the last business day prior to the first calendar day of the contract period. Additionally, the Exchange is listing the Millennium East Pool Swing Future, a daily cash settled future based upon the price for natural gas at Millennium East Receipts price hub. The contract will reach expiry on the business day prior to the contract period. The future will cash settle to the price published by Platts in *Gas Daily* for the relevant contract period for natural gas at the Millennium East Receipts price hub. The Exchange is also listing the Millennium East Pool Index Future, a monthly cash settled future based on the difference between the monthly price for natural gas at Millennium East Receipts price hub published by Platts for *Inside FERC* and the average of daily prices published by Platts in *Gas Daily*. The contract will cease trading on the last business day prior to the first calendar day of the contract period.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contracts are similar to other Financial Gas contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. The Exchange has set spot month position limits, and single and all month accountability levels consistent with similar Financial Gas contracts. A deliverable supply analysis detailing the methodology the Exchange used to determined spot month position limits for the Millennium East Pool Basis, Index, and Swing Futures contracts is attached to this submission as Exhibit B.

The Exchange is also listing twelve European-style options on futures contracts based on the Algonquin Citygates Fixed Price Future, CIG Rockies Fixed Price Future, CG-Mainline Fixed Price Future, Malin Fixed Price Future, NNG Ventura Fixed Price Future, NGPL Midcont Fixed Price Future, NGPL TXOK Fixed Price Ftuure, PG&E Citygate Fixed Price Future, REX Zone 3 Fixed Price Future, TCO Fixed Price Future, Transco Leidy Fixed Price Future, and Transco Zone 6 (non NY) Fixed Price Future, as described further below. The contracts will reach expiration at the end of the trading session on the last business day prior to the first calendar day of the contract period. These new options are subject to the position limit and accountability levels of the underlying futures contracts.

Financial Power Fixed Price Futures and Options Contracts

The Exchange is listing two new Financial Power fixed price futures. First, the PJM Western Hub Real-Time Peak 2x16 Fixed Price Future, a monthly cash settled future based upon the average locational marginal price (LMP) between hours ending 08:00 and 23:00 (EPT) for each Saturday, Sunday, and all NERC holidays for electricity at PJM's Western Hub. The contract will reach expiry at the close of business on the last business day of the contract period and will cash settle to the average of the LMPs, as published by PJM. Secondly, the ERCOT North 345KV Hub Real-Time Peak 2x16 Fixed Price Future, a monthly cash settled future based upon the average locational marginal price (LMP) between hours ending 07:00 and 22:00 (CPT) for each Saturday, Sunday, and all NERC holidays for electricity at ERCOT's North 345KV Hub. The contract will cease trading on the last business day of the contract period and will cash settle to the average of the LMPs, as published by ERCOT. Positions in the PJM Western Hub Real-Time Peak 2x16 Fixed Price Future and ERCOT North 345KV Hub Real-Time Peak 2x16 Fixed Price Future will be aggregated with and subject to position limits and single and all month accountability levels of the PJM Western Hub Real-Time Peak (800 MWh) Fixed Price Future and the ERCOT North 345KV Real-Time Peak Fixed Price Future, respectively.

The Exchange is also listing one European-style options on futures contracts based on an existing futures contract listed by the Exchange, the Option on PJM Western Hub Real-Time Off-Peak Calendar Year One Time Mini Fixed Price Future, as described further below. The European-style option will reach expiration at 2:30 p.m. (EPT) on the second Friday prior to the first calendar day of the first contract period in the basket. The PJM Western Hub Real-Time Off-Peak Fixed Price Future shall act as the underlying reference price for the option. Upon expiration the option will exercise into each of the contract periods of the underlying PJM Western Hub Real-Time Off-Peak Fixed Price Future contracts in the basket. This new option will be subject to the position limit and accountability levels of the underlying futures contract.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contracts are similar to other Financial Power contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. For PJM Western Hub Real-Time Peak 2x16 Fixed Price Future, ERCOT North 345KV Hub Real-Time Peak 2x16 Fixed Price Future, and Option on PJM Western Hub Real-Time Off-Peak Calendar Year One Time Mini Fixed Price Future contracts, the Exchange has set spot month position limits, and single and all month accountability levels consistent with similar Financial Power contracts that reference PJM Western Hub and ERCOT North 345KV price hubs.

Physical Environmental Futures and Options Contracts

a. California Carbon Allowance Vintage and Vintage Specific Futures and Options

California Carbon Allowance Vintage Specific ("CCAVS") futures contracts are carbon emission allowance contracts. The Exchange currently lists vintage-specific futures contracts for the 2017 through 2021 vintage-years. The term "vintage" identifies the compliance year for which an allowance is designated. The deliverable instruments for the existing CCAVS contracts are California Carbon Allowances equal to the contract size, delivered through the California MTS, which have a vintage corresponding to the specific vintage year only. The new CCAVS futures contract is for vintage year 2022. Amendments to Exchange Rule 18.D.024 list the 2022 Vintage Specific futures contract, while amendments to Exchange Rule 18.E.072 list the 2022 Vintage Specific option on futures contract.

California Carbon Allowance ("CCA") futures contracts are carbon emission allowance contracts. The Exchange currently lists futures contracts for the 2013 through 2021 vintage-years. The deliverable instruments for the existing CCA contracts are California Carbon Allowances equal to the contract size, delivered through the California MTS, which have a vintage corresponding to the specific vintage year or prior to the specific vintage year. Amendments to Exchange Rule 18.D.022 list the 2022 vintage-year for the futures, while amendments to Exchange Rule 18.E.067 list the 2022 vintage-year for the options.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the California Carbon Allowance Vintage and Vintage Specific Futures and Options contracts are similar to other Physical Environmental contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. Position limits and accountability levels have been set at levels consistent with existing Physical Environmental futures contracts currently listed by the Exchange. Additionally, options positions in the contracts listed above will be aggregated for position limit and accountability levels with the futures contract underlying the option.

b. California Carbon Allowance Current Auction Clearing Price

The Exchange is listing one new Physical Environmental futures contract. The California Carbon Allowance Current Auction Clearing Price ("ACP") contract is a cleared market for California Carbon Allowance (CCA) futures contracts at a premium or discount to the Current Auction Settlement Price, as published by the California Air Resources Board. The product complements the existing suite of California Carbon Allowance futures currently listed by the Exchange. The contract will cease trading on the day on which the Joint Auction Summary Results Report for the specified auction is released. This generally occurs near the middle of the month of the auction. At final settlement, all parties with open positions will establish equivalent long or short futures positions in the eligible California Carbon Allowance futures contract. The eligible contract is the futures contract with a vintage equal to the current calendar year and an expiry month following the month the auction is held. The established eligible futures contracts will be priced at the respective Current Auction Settlement Price, as published by the California Air Resources Board in the Joint Auction Summary Results Report. In the instance that an auction is cancelled or no Current Auction Settlement Price is published, an alternative settlement shall be determined by the Exchange. Further description of the contract is provided in Exhibit B.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contracts are similar to other Physical Environmental contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. For the California Carbon Allowance Current Auction Clearing Price contract, the Exchange has set spot month position limits, and single and all month accountability levels consistent with the Physical Environmental futures contracts that reference the delivery of California Carbon Allowances and underlie the future. Additionally, positions held in this contract will be aggregated with the relevant California Carbon Allowance Vintage Specific contract for position limits and accountability purposes.

c. California Carbon Allowance Advance Auction Clearing Price

The Exchange is listing one new Physical Environmental futures contract. The California Carbon Allowance Advance Auction Clearing Price ("ACA") contract is a cleared market for California Carbon Allowance (CCA) futures contracts at a premium or discount to the Advance Auction Settlement Price, as published by the California Air Resources Board. The product complements the existing suite of California Carbon Allowance futures currently listed by the Exchange. The contract will cease trading on the day on which the Joint Auction Summary Results Report for the specified auction is released. This generally occurs near the middle of the month of the auction. At final settlement, all parties with open positions will establish equivalent long or short futures positions in the eligible California Carbon Allowance futures contract. The eligible contract is the futures contract with a vintage three years advanced from the current calendar year and an expiry month following the month the auction is held. The established eligible futures contracts will be priced at the respective Advance Auction Settlement Price, as published by the California Air Resources Board in the Joint Auction Summary Results Report. In the instance that an auction is cancelled or no Advance Auction Settlement Price is published, an alternative settlement shall be determined by the Exchange. Further description of the contract is provided in Exhibit B.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contracts are similar to other Physical Environmental contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. For the California Carbon Allowance Advance Auction Clearing Price contract, the Exchange has set spot month position limits, and single and all month accountability levels consistent with the Physical Environmental futures contracts that reference the delivery of California Carbon Allowances and underlie the future. Additionally, positions held in this contract will be aggregated with the relevant California Carbon Allowance Vintage Specific contract for position limits and accountability purposes.

d. Regional Greenhouse Gas Initiative Allowance Auction Clearing Price

The Exchange is listing one new Physical Environmental futures contract. The Regional Greenhouse Gas Initiative Allowance Auction Clearing Price ("RCP") contract is a cleared market for Regional Greenhouse Gas Initiative ("RGGI") futures contracts at a premium or discount to the Clearing Price, as published by the RGGI, Inc. Market Monitor, currently Potomac Economics, of the respective RGGI quarterly auction. The product complements the existing suite of Regional Greenhouse Gas Initiative futures currently listed by the Exchange. The contract will cease trading on the day on which the Market Monitor Report for the specified auction is released. This generally occurs in the early part of the month of the quarterly auction. At final settlement, all parties with open positions will establish equivalent long or short futures positions in the eligible RGGI futures contract. The eligible contract is the futures contract with a vintage equal to the current calendar year and an expiry month of the month the auction is held. The established eligible futures contracts will be priced at the respective Auction Clearing Price, as published by RGGI, Inc. in the Market Monitor Report. In the instance that an auction is cancelled or no Auction Clearing Price is published, an alternative settlement shall be determined by the Exchange.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contracts are similar to other Physical Environmental contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. For the Regional Greenhouse Gas Initiative Allowance Auction Clearing Price futures contract, the Exchange has set spot month position limits, and single and all month accountability levels consistent with the Physical Environmental futures contracts that reference the delivery of Regional Greenhouse Gas Initiative Allowances and underlie the futures contract. Additionally, positions held in this contract will be aggregated with the relevant Regional Greenhouse Gas Initiative Vintage contract for position limits and accountability purposes. Further description of the contract is provided in Exhibit B.

e. PJM Tri-Qualified Renewable Energy Certificate Class I 2 Year Prior Future

The Exchange is listing one new Physical Environmental future, the PJM Tri-Qualified Renewable Energy Certificate Class I 2 Year Prior Future, which allows for delivery of Class I Renewable Energy Certificates, Tier 1 Renewable Energy Credits, and Tier I Alternative Energy Credits (collectively, "Class I REC"), where a Class I REC is an electronic certificate issued by the PJM Environmental Information System Generation Attribute Tracking System (PJM GATS) for generation simultaneously qualifying for the respective portions of the Pennsylvania, New Jersey, and Maryland renewable portfolio standard programs. The contract complements the existing suite of PJM Tri-Qualified Renewable Energy Certificate futures contracts currently listed by the Exchange. The contract will reach expiry at the close of business three business days prior to the last business day of the delivery month and will result in delivery of the eligible Class I RECs, those having a vintage year designation that correspond to the specified vintage year of the expiring contract, or, generally, a vintage two years prior to the current year.

a. California Carbon Allowance Vintage and Vintage Specific Options on Futures

The Exchange is also listing two new European-style Physical Environmental options on futures contracts based on futures contracts included by the Exchange in this submission, the Option on California Carbon Allowance Vintage 2022 Future and the Option on California Carbon Allowance Vintage Specific 2022 Future, as described further below. The contract will reach expiration at 4:00 p.m. (EPT) on the 15th calendar day of the delivery month, or the next business day following the 15th calendar day of the delivery month. These new options are subject to the position limit and accountability levels of the underlying futures contracts.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contracts are similar to other Physical Environmental contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. For the PJM Tri-Qualified Renewable Energy Certificate Class I 2 Year Prior Future, the Exchange has set spot month position limits, and single and all month accountability levels consistent with the Physical Environmental futures contracts that reference the delivery of PJM Tri-Qualified Renewable Energy Certificates currently listed by the Exchange. Additionally, positions held in the Option on California Carbon Allowance Vintage 2022 Future and the Option on California Carbon Allowance Vintage Specific 2022 Future will be aggregated with the underlying futures contract for position limit and accountability purposes.

Oil Americas Futures Contracts

a. Fuel Oil Outright - Marine Fuel 0.5% FOB USGC Barges (Platts) Future

The Exchange is listing one monthly cash settled futures contract based on the Platts daily assessment price for 0.5% FOB US Gulf Coast Barges Marine Fuel. The contract will cease trading on the last trading day of the contract month and cash settle to the price for 0.5% FOB US Gulf Coast Barges Marine Fuel, as published by Platts in its *US Marketscan*. The assessment estimates, via bids, offers, and trades, the price of fuel oil loaded basis FOB Houston from Intercontinental Deer Park Terminal, Magellan Galena Park Terminal, Bayport Container Terminal (LBC), Houston Fuel Oil Terminal (HOFTI) and Battleground Oil Specialty Terminal (BOSTCO). Additionally, Platts may include bids, offers and trades published on any basis other than FOB Houston, including FOB New Orleans at the Gretna, Marrero, or St. Rose terminals, or FOB Galveston Bay, at the NuStar Texas City and World Point Terminals Pelican Island, normalized to FOB Houston. The marine fuel loaded FOB Houston and at the approved alternative locations must meet the ISO 8217:2010 standard for petroleum products - Fuels (Class F) - Specifications of Marine Fuels, but with a maximum sulfur limit of 0.5%. Platts began publishing the index on January 2, 2019, in response to regulatory changes by International Maritime Organization, which has sulfur limits for marine fuels beginning January 1, 2020.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contract are similar to other Oil Americas contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. A Deliverable Supply Analysis detailing the methodology the Exchange used to determine the spot month position limits for the aforementioned contract is attached hereto as Exhibit B.

b. Fuel Oil Diff - Marine Fuel 0.5% FOB USGC Barges (Platts) vs USGC HSFO (Platts) Future

The Exchange is listing one monthly cash settled futures contract based on the difference between the Platts daily assessment price for 0.5% FOB US Gulf Coast Barges Marine Fuel and the Platts daily assessment price for US Gulf Coast High Sulphur Fuel Oil. The contract will cease trading on the last trading day of the contract month and cash settle to the price for 0.5% FOB US Gulf Coast Barges Marine Fuel, as published by Platts in its *US Marketscan*. The assessment estimates, via bids, offers, and trades, the price of fuel oil loaded basis FOB Houston from Intercontinental Deer Park Terminal, Magellan Galena Park Terminal, Bayport Container Terminal (LBC), Houston Fuel Oil Terminal (HOFTI) and Battleground Oil Specialty Terminal (BOSTCO). Additionally, Platts may include bids, offers and trades published on any basis other than FOB Houston, including FOB New Orleans at the Gretna, Marrero, or St. Rose terminals, or FOB Galveston Bay, at the NuStar Texas City and World Point Terminals Pelican Island, normalized to FOB Houston. The High Sulfur Fuel Oil loaded FOB Houston and at the approved alternative locations must meet the ISO 8217:2005 standard for petroleum products - Fuels (Class F) - Specifications of Marine Fuels, but with a maximum sulfur limit of 3.5%. However, the Marine Fuel 0.5% component loaded FOB Houston and at the approved alternative locations must meet the ISO 8217:2010 standard for petroleum products - Fuels (Class F) - Specifications of Marine Fuels, but with a maximum sulfur limit of 0.5%. Platts began publishing the 0.5% index on January 2, 2019, in response to regulatory changes by International Maritime Organization, which has new sulfur limits for marine fuels beginning January 1, 2020.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contracts are similar to other Oil Americas contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. A Deliverable Supply Analysis detailing the methodology the Exchange used to determine the spot month position limits for the aforementioned contract is attached hereto as Exhibit B.

c. Gasoline Diff - Gulf Coast Unl 87 Gasoline Prompt Pipeline (Platts) vs Argus Eurobob Oxy FOB Rotterdam Barges Future (349.86 conversion)

The Exchange is listing one monthly cash settled futures contract based on the difference between the Platts daily settlement price for Gulf Coast Unleaded 87 Gasoline Prompt Pipeline and the Argus daily assessment for Eurobob Oxy FOB Rotterdam Barges and generally represents the difference in price between motor vehicle gasoline in the United States and Europe. The contract size represented is 1,000 Metric Tonnes, equivalent to approximately 349,860 gallons. The contract will cease trading on the last trading day of the contract month and cash settle to the difference between the average of the “mid” quotations appearing in the Platts *US Marketscan* and the average of the mean of the high and low quotations appearing in the Argus *European Products Report* for each business day of the contract month, utilizing a non-common pricing calendar.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contract are similar to other Oil Americas contracts listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. A Deliverable Supply Analysis detailing the methodology the Exchange used to determine the spot month position limits for the aforementioned contract is attached hereto as Exhibit B.

New Options Contracts

As indicated above, the Exchange is listing 15 new options contracts based on the price of an underlying futures contract currently listed by the Exchange or included in this filing. The contract sizes, minimum price fluctuations, No-Cancellation Ranges (NCRs), spot month position limits and single and all month accountability levels are provided in relevant documents attached as Exhibit A. All relevant terms of the contracts are similar to other Financial Gas, Financial Power and Physical Environmental options contracts currently listed by the Exchange. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. The position limits for the options contracts will be based on the position limits for the futures contracts underlying the options.

Certifications

The new rules and rule amendments will become effective with the listing of the new futures and options contracts. The Exchange is not aware of any substantive opposing views to the new futures and options contracts. The Exchange certifies that the new contract rules and rule amendments comply with the requirements of the Act and the rules and regulations promulgated thereunder. The Exchange has reviewed the designated contract market core principles ("Core Principles") as set forth in the Act and has determined that the listing of the contracts complies with the following relevant Core Principles:

COMPLIANCE WITH RULES
The terms and conditions of the new futures and options contracts are set forth in new Rules 18.A.200-18.A.214, 18.B.344 and 18.B.345, 18.D.047-18.D.050, 18.E.114-18.E.126, 19.A.35,

19.C.105, 19.C.106, amendments to Rules 18.D.022, 18.D.024, amendments to Resolutions 1 and 2 of Chapter 18, and amendments to Resolutions 1 and 2 of Chapter 19, and will be enforced by the Exchange. In addition, trading of the contracts are subject to all relevant Exchange rules which are enforced by the Market Regulation Department.

CONTRACTS NOT READILY SUBJECT TO MANIPULATION

The new futures and options contracts are not readily subject to manipulation as they are based on established and liquid underlying cash markets. In addition, trading of the new contracts will be monitored by the Market Regulation Department.

POSITION LIMITS OR ACCOUNTABILITY

Positions in the new futures and options contracts will be subject to position limits and accountability levels set by the Exchange. As described above, such position limits are based upon existing levels set for substantially similar products or are based upon the deliverable supply in the cash market. A Deliverable Supply Analysis is attached hereto as Exhibit B. Positions in the new options will be aggregated with the underlying futures contracts and subject to the position limits in place for the underlying futures contracts.

FINANCIAL INTEGRITY OF CONTRACTS

The new futures and options contracts will be cleared by ICE Clear Europe, a registered derivatives clearing organization subject to Commission regulation, and carried by registered futures commission merchants qualified to handle customer business.

The Exchange further certifies that, concurrent with this filing, a copy of this submission was posted on the Exchange's website and may be accessed at (https://www.theice.com/futures-us/regulation).

If you have any questions or need further information, please contact me at 312-836-6745 or at patrick.swartzer@theice.com.

Sincerely,

Patrick Swartzer
Manager
Market Regulation

Enc.
cc: Division of Market Oversight
New York Regional Office

EXHIBIT A

Rule	Contract Name	Commodity Code	Contract Size	Unit of Trading	Minimum Tick [1]	IPL Amount	IPL Recalc Time (Seconds)	IPL Hold Period (Seconds)	NCR
18.B.344	PJM Western Hub Real-Time 2x16 Peak Fixed Price Future	PW2	1	MW	0.01	$30.00	3	5	$1.00
18.B.345	ERCOT North 345KV Hub Real-Time 2x16 Peak Fixed Price Future	ER2	1	MW	0.01	$100.00	3	5	$1.00
18.E.114	Option on PJM Western Hub Real-Time Off-Peak Calendar Year One Time Mini Fixed Price Future	POX	1	MW	0.01	N/A			20% of Premium FMV up to 5.00; Min/Max Range = 0.50/5.00
18.A.212	Millennium East Pool Basis Future	MRB	2,500	MMBtu	0.0001	$4.00	3	5	20% of Basis/Spread FMV up to 0.05; Min/Max Range = 0.02/0.05
18.A.213	Millennium East Pool Swing Future	MRC	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.A.214	Millennium East Pool Index Future	MRA	2,500	MMBtu	0.0001	$0.20	3	5	$0.02
18.A.200	Algonquin Citygates Fixed Price Future	ALG	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.115	Option on Algonquin Citygates Fixed Price Future	ALG	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.202	CG-Mainline Fixed Price Future	CGA	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.116	Option on CG-Mainline Fixed Price Future	CGA	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.201	CIG Rockies Fixed Price Future	CRA	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.117	Option on CIG Rockies Fixed Price Future	CRA	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.203	Malin Fixed Price Future	MAF	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.118	Option on Malin Fixed Price Future	MAF	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.205	NGPL Midcont Fixed Price Future	MCN	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.119	Option on NGPL Midcont Fixed Price Future	MCN	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.206	NGPL TXOK Fixed Price Future	NTH	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.120	Option on NGPL TXOK Fixed Price Future	NTH	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.204	NNG Ventura Fixed Price Future	NNH	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.121	Option on NNG Ventura Fixed Price Future	NNH	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.208	REX Zone 3 Fixed Price Future	REH	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.123	Option on REX Zone 3 Fixed Price Future	REH	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.209	TCO Fixed Price Future	TCF	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.124	Option on TCO Fixed Price Future	TCF	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05

18.A.207	PG&E Citygate Fixed Price Future	PGD	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.122	Option on PG&E Citygate Fixed Price Future	PGD	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.210	Transco Leidy Fixed Price Future	YQA	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.125	Option on Transco Leidy Fixed Price Future	YQA	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.A.211	Transco Zone 6 (non NY) Fixed Price Future	TPH	2,500	MMBtu	0.0001	$4.00	3	5	$0.05
18.E.126	Option on Transco Zone 6 (non NY) Fixed Price Future	TPH	2,500	MMBtu	0.0001	N/A			20% of Premium FMV up to 0.05; Min/Max Range = 0.005/0.05
18.D.022	California Carbon Allowance Vintage 2022 Future	CB0	1,000	California Carbon Allowances	0.01	$2.50	3	5	$0.25
18.E.067	Option on California Carbon Allowance Vintage 2022 Future	CB0	1,000	California Carbon Allowances	0.001	N/A			20% of Premium FMV up to 0.25; 0.01/0.25
18.D.024	California Carbon Allowance Specific Vintage 2022 Future	CC2	1,000	California Carbon Allowances	0.01	$2.50	3	5	$0.25
18.E.072	Option on California Carbon Allowance Vintage Specific 2022 Future	CC2	1,000	California Carbon Allowances	0.001	N/A			20% of Premium FMV up to 0.25; 0.01/0.25
18.D.047	PJM Tri Qualified Renewable Energy Certificate Class I 2 Year Prior Future	TQ2	100	MWh	0.01	$2.50	3	5	$0.25
19.C.106	Gasoline Diff - Gulf Coast Unl 87 Gasoline Prompt Pipeline (Platts) vs. Argus Eurobob Oxy FOB Rotterdam Barges Future (349.86 conversion)	GDU	1,000	MT	¢0.001	$18.75	3	5	$0.7500
18.D.048	California Carbon Allowance Current Auction Clearing Price	ACP	1	California Carbon Allowances futures contract	0.01	$2.50	3	5	$0.25
18.D.049	California Carbon Allowance Advance Auction Clearing Price	ACA	1	California Carbon Allowances futures contract	0.01	$2.50	3	5	$0.25
18.D.050	Regional Greenhouse Gas Initiative Allowance Auction Clearing Price	RCP	1	Regional Greenhouse Gas Initiative futures contract	0.01	$1.00	3	5	$0.10
19.C.105	Fuel Oil Diff - Marine Fuel 0.5% FOB USGC Barges (Platts) vs USGC HSFO (Platts) Future	MF2	1,000	barrels	0.001	$6.25	3	5	$0.2500
19.A.35	Fuel Oil Outright - Marine Fuel 0.5% FOB USGC Barges (Platts) Future	MF1	1,000	barrels	0.001	$6.25	3	5	$0.2500

[1] The minimum fluctuation for the above futures and options contracts may differ depending on trade type.

Resolution No. 1 - Minimum Price Fluctuation Table

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

Rule Number	Product	Minimum Price Fluctuations: Screen	Minimum Price Fluctuations: Blocks and other trades outside the central limit order book

* * *

18.B.344	PJM Western Hub Real-Time 2x16 Peak Fixed Price Future	0.01	0.01
18.B.345	ERCOT North 345KV Hub Real-Time 2x16 Peak Fixed Price Future	0.01	0.01
18.E.114	Option on PJM Western Hub Real-Time Off-Peak Calendar Year One Time Mini Fixed Price Future	0.01	0.01
18.A.212	Millennium East Pool Basis Future	0.0001	0.0001
18.A.213	Millennium East Pool Swing Future	0.0001	0.0001
18.A.214	Millennium East Pool Index Future	0.0001	0.0001
18.A.200	Algonquin Citygates Fixed Price Future	0.0001	0.0001
18.E.115	Option on Algonquin Citygates Fixed Price Future	0.0001	0.0001
18.A.202	CG-Mainline Fixed Price Future	0.0001	0.0001
18.E.116	Option on CG-Mainline Fixed Price Future	0.0001	0.0001
18.A.201	CIG Rockies Fixed Price Future	0.0001	0.0001
18.E.117	Option on CIG Rockies Fixed Price Future	0.0001	0.0001
18.A.203	Malin Fixed Price Future	0.0001	0.0001
18.E.118	Option on Malin Fixed Price Future	0.0001	0.0001
18.A.205	NGPL Midcont Fixed Price Future	0.0001	0.0001
18.E.119	Option on NGPL Midcont Fixed Price Future	0.0001	0.0001
18.A.206	NGPL TXOK Fixed Price Future	0.0001	0.0001
18.E.120	Option on NGPL TXOK Fixed Price Future	0.0001	0.0001
18.A.204	NNG Ventura Fixed Price Future	0.0001	0.0001
18.E.121	Option on NNG Ventura Fixed Price Future	0.0001	0.0001
18.A.208	REX Zone 3 Fixed Price Future	0.0001	0.0001
18.E.123	Option on REX Zone 3 Fixed Price Future	0.0001	0.0001
18.A.209	TCO Fixed Price Future	0.0001	0.0001
18.E.124	Option on TCO Fixed Price Future	0.0001	0.0001
18.A.207	PG&E Citygate Fixed Price Future	0.0001	0.0001
18.E.122	Option on PG&E Citygate Fixed Price Future	0.0001	0.0001
18.A.210	Transco Leidy Fixed Price Future	0.0001	0.0001
18.E.125	Option on Transco Leidy Fixed Price Future	0.0001	0.0001
18.A.211	Transco Zone 6 (non NY) Fixed Price Future	0.0001	0.0001
18.E.126	Option on Transco Zone 6 (non NY) Fixed Price Future	0.0001	0.0001
18.D.022	California Carbon Allowance Vintage 2022 Future	0.01	0.01
18.E.067	Option on California Carbon Allowance Vintage 2022 Future	0.001	0.001

18.D.024	California Carbon Allowance Specific Vintage 2022 Future	0.01	0.01
18.E.072	Option on California Carbon Allowance Vintage Specific 2022 Future	0.001	0.001
18.D.047	PJM Tri Qualified Renewable Energy Certificate Class I 2 Year Prior Future	0.01	0.01
18.D.048	California Carbon Allowance Current Auction Clearing Price	0.01	0.01
18.D.049	California Carbon Allowance Advance Auction Clearing Price	0.01	0.01
18.D.050	Regional Greenhouse Gas Initiative Allowance Auction Clearing Price	0.01	0.01

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Resolution No. 1 - Minimum Price Fluctuation Table

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

Rule Number	Product	Minimum Price Fluctuations	
		Screen	Blocks and other trades outside the central limit order book

*   *   *

Rule Number	Product	Screen	Blocks and other trades outside the central limit order book
19.C.106	Gasoline Diff - Gulf Coast Unl 87 Gasoline Prompt Pipeline (Platts) vs. Argus Eurobob Oxy FOB Rotterdam Barges Future (349.86 conversion)	¢0.001	¢0.01
19.C.105	Fuel Oil Diff - Marine Fuel 0.5% FOB USGC Barges (Platts) vs USGC HSFO (Platts) Future	0.001	0.01
19.A.35	Fuel Oil Outright - Marine Fuel 0.5% FOB USGC Barges (Platts) Future	0.001	0.01

*   *   *

Resolution No. 2 – Position Limit/Accountability Table

Rule	Contract Name	Commodity Code	Contract Size	Unit of Trading	Spot Month Limit	Single Month Accountability Level	All Month Accountability Level	Aggregate 1 (Positive Correlation)	Aggregate 2 (Negative Correlation)	Exchange Reportable Level
18.B.344	PJM Western Hub Real-Time 2x16 Peak Fixed Price Future	PW2	1	MW	8,929	11,905	35,714	PJM		1
18.B.345	ERCOT North 345KV Hub Real-Time 2x16 Peak Fixed Price Future	ER2	1	MW	7,143	7,143	11,905	ERN		1
18.E.114	Option on PJM Western Hub Real-Time Off-Peak Calendar Year One Time Mini Fixed Price Future	POX	1	MW	7,747	7,747	19,231	OPJ		1
18.A.212	Millennium East Pool Basis Future	MRB	2,500	MMBtu	1,900	1,900	1,900	MRB		25
18.A.213	Millennium East Pool Swing Future	MRC	2,500	MMBtu	1,900/1,900	1,900/1,900	1,900/1,900	MRC		1
18.A.214	Millennium East Pool Index Future	MRA	2,500	MMBtu	1,900	1,900	1,900	MRC	MRB	25
18.A.200	Algonquin Citygates Fixed Price Future	ALG	2,500	MMBtu	33,100	33,100	33,100	ALQ		25
18.E.115	Option on Algonquin Citygates Fixed Price Future	ALG	2,500	MMBtu	33,100	33,100	33,100	ALQ		25
18.A.202	CG-Mainline Fixed Price Future	CGA	2,500	MMBtu	12,000	12,000	12,000	CGB		25
18.E.116	Option on CG-Mainline Fixed Price Future	CGA	2,500	MMBtu	12,000	12,000	12,000	CGB		25
18.A.201	CIG Rockies Fixed Price Future	CRA	2,500	MMBtu	19,000	19,000	19,000	CRI		25
18.E.117	Option on CIG Rockies Fixed Price Future	CRA	2,500	MMBtu	19,000	19,000	19,000	CRI		25
18.A.203	Malin Fixed Price Future	MAF	2,500	MMBtu	10,600	10,600	10,600	MLN		25
18.E.118	Option on Malin Fixed Price Future	MAF	2,500	MMBtu	10,600	10,600	10,600	MLN		25
18.A.205	NGPL Midcont Fixed Price Future	MCN	2,500	MMBtu	3,800	10,000	10,000	MCO		25
18.E.119	Option on NGPL Midcont Fixed Price Future	MCN	2,500	MMBtu	3,800	10,000	10,000	MCO		25
18.A.206	NGPL TXOK Fixed Price Future	NTH	2,500	MMBtu	13,000	13,000	13,000	NTO		25
18.E.120	Option on NGPL TXOK Fixed Price Future	NTH	2,500	MMBtu	13,000	13,000	13,000	NTO		25
18.A.204	NNG Ventura Fixed Price Future	NNH	2,500	MMBtu	40,900	40,900	40,900	NVE		25
18.E.121	Option on NNG Ventura Fixed Price Future	NNH	2,500	MMBtu	40,900	40,900	40,900	NVE		25
18.A.208	REX Zone 3 Fixed Price Future	REH	2,500	MMBtu	7,300	7,300	7,300	REX		25
18.E.123	Option on REX Zone 3 Fixed Price Future	REH	2,500	MMBtu	7,300	7,300	7,300	REX		25
18.A.209	TCO Fixed Price Future	TCF	2,500	MMBtu	15,400	15,400	15,400	TCO		25
18.E.124	Option on TCO Fixed Price Future	TCF	2,500	MMBtu	15,400	15,400	15,400	TCO		25
18.A.207	PG&E Citygate Fixed Price Future	PGD	2,500	MMBtu	36,800	36,800	36,800	PGE		25

18.E.122	Option on PG&E Citygate Fixed Price Future	PGD	2,500	MMBtu	36,800	36,800	36,800	PGE		25
18.A.210	Transco Leidy Fixed Price Future	YQA	2,500	MMBtu	21,500	21,500	21,500	YQB		25
18.E.125	Option on Transco Leidy Fixed Price Future	YQA	2,500	MMBtu	21,500	21,500	21,500	YQB		25
18.A.211	Transco Zone 6 (non NY) Fixed Price Future	TPH	2,500	MMBtu	9,700	10,000	10,000	TPB		25
18.E.126	Option on Transco Zone 6 (non NY) Fixed Price Future	TPH	2,500	MMBtu	9,700	10,000	10,000	TPB		25
18.D.022	California Carbon Allowance Vintage 2022 Future	CB0	1,000	California Carbon Allowances	25,000	25,000	30,000	CB0		25
18.E.067	Option on California Carbon Allowance Vintage 2022 Future	CB0	1,000	California Carbon Allowances	25,000	25,000	30,000	CB0		25
18.D.024	California Carbon Allowance Specific Vintage 2022 Future	CC2	1,000	California Carbon Allowances	4,500	4,500	4,500	CC2		25
18.E.072	Option on California Carbon Allowance Vintage Specific 2022 Future	CC2	1,000	California Carbon Allowances	4,500	4,500	4,500	CC2		25
18.D.047	PJM Tri Qualified Renewable Energy Certificate Class I 2 Year Prior Future	TQ2	100	MWh	42,500	42,500	42,500	TQ2		25
19.C.106	Gasoline Diff - Gulf Coast Unl 87 Gasoline Prompt Pipeline (Platts) vs. Argus Eurobob Oxy FOB Rotterdam Barges Future (349.86 conversion)	GDU	1,000	MT	900	900	900	GDU		25
18.D.048	California Carbon Allowance Current Auction Clearing Price	ACP	1	California Carbon Allowances futures contracts	4,500	4,500	4,500	CA9		25
18.D.049	California Carbon Allowance Advance Auction Clearing Price	ACA	1	California Carbon Allowances futures contracts	4,500	4,500	4,500	CC2		25
18.D.050	Regional Greenhouse Gas Initiative Allowance Auction Clearing Price	RCP	1	Regional Greenhouse Gas Initiative futures contracts	25,000	25,000	25,000	RGR		25
19.C.105	Fuel Oil Diff - Marine Fuel 0.5% FOB USGC Barges (Platts) vs USGC HSFO (Platts) Future	MF2	1,000	barrels	1,000	1,000	1,000	MF2		25
19.A.35	Fuel Oil Outright - Marine Fuel 0.5% FOB USGC Barges (Platts) Future	MF1	1,000	barrels	1,000	1,000	1,000	MF1		25

SUBCHAPTER 18A - NATURAL GAS FUTURES CONTRACTS

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<u>18.A.200 Algonquin Citygates Fixed Price Future</u>
<u>18.A.201 CIG Rockies Fixed Price Future</u>
<u>18.A.202 CG-Mainline Fixed Price Future</u>
<u>18.A.203 Malin Fixed Price Future</u>
<u>18.A.204 NNG Ventura Fixed Price Future</u>
<u>18.A.205 NGPL Midcont Fixed Price Future</u>
<u>18.A.206 NGPL TXOK Fixed Price Future</u>
<u>18.A.207 PG&E Citygate Fixed Price Ftuure</u>
<u>18.A.208 REX Zone 3 Fixed Price Future</u>
<u>18.A.209 TCO Fixed Price Future</u>
<u>18.A.210 Transco Leidy Fixed Price Future</u>
<u>18.A.211 Transco Zone 6 (non NY) Fixed Price Future</u>
<u>18.A.212 Millennium East Pool Basis Future</u>
<u>18.A.213 Millennium East Pool Swing Future</u>
<u>18.A.214 Millennium East Pool Index Future</u>

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18.A.200 Algonquin Citygates Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: ALG

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: "NATURAL GAS-NORTHEAST (ALGONQUIN CITY-GATE)-INSIDE FERC"

- **a) Ref Price A - Description:** "NATURAL GAS-NORTHEAST (ALGONQUIN CITY-GATE)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Northeast: Algonquin, city-gates: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.
- **b) Ref Price A - Pricing Date:** First publication date of the Contract Period
- **c) Ref Price A - Specified Price:** Index
- **d) Ref Price A - Pricing calendar:** Inside FERC
- **e) Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.201 CIG Rockies Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: CRA

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-CIG (ROCKY MOUNTAINS)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-CIG (ROCKY MOUNTAINS)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Rockies/Northwest: CIG, Rockies: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.202 CG-Mainline Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: CGA

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-COLUMBIA GULF (MAINLINE)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-COLUMBIA GULF (MAINLINE)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Louisiana/Southeast: ANR, La.: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.203 Malin Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by NGI for the location specified in Reference Price A.

Contract Symbol: MAF

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-CALIFORNIA (MALIN)-NGI

- **a) Ref Price A - Description:** "NATURAL GAS-CALIFORNIA (MALIN)-NGI" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Spot Gas Prices: California: Malin: avg." in the issue of NGI's Bidweek Survey that reports prices effective on that Pricing Date.
- **b) Ref Price A - Pricing Date:** First publication date of the Contract Period
- **c) Ref Price A - Specified Price:** Index
- **d) Ref Price A - Pricing calendar:** NGI
- **e) Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.204 NNG Ventura Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: NNH

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-NNG (VENTURA)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-NNG (VENTURA)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Upper Midwest: Northern, Ventura: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.205 NGPL Midcont Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: MCN

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-NGPL (MIDCONTINENT)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-NGPL (MIDCONTINENT)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Midcontinent: NGPL, Midcontinent: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.206 NGPL TXOK Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: NTH

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-NGPL (TEXOK)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-NGPL (TEXOK)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): East Texas: NGPL, Texok zone: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.207 PG&ECitygate Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by NGI for the location specified in Reference Price A.

Contract Symbol: PGD

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-CALIFORNIA (PG&E CITYGATE)-NGI

a) **Ref Price A - Description:** "NATURAL GAS-CALIFORNIA (PG&E CITYGATE)-NGI" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Spot Gas Prices: California: PG&E Citygate: avg." in the issue of NGI's Bidweek Survey that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** NGI

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.208 REX Zone 3 Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: REH

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-UPPER MIDWEST, REX, ZONE 3 DELIVERED-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-UPPER MIDWEST, REX, ZONE 3 DELIVERED-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Upper Midwest: REX, zone 3 delivered: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.209 TCO Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: TCF

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-COLUMBIA GAS (APPALACHIA)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-COLUMBIA GAS (APPALACHIA)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Appalachia: Columbia Gas, App.: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.210 Transco Leidy Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: YQA

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-TRANSCONTINENTAL GAS PIPE LINE, LEIDY LINE RECEIPTS-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-TRANSCONTINENTAL GAS PIPE LINE, LEIDY LINE RECEIPTS-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Appalachia: Transco, Leidy Line receipts: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar**: Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.211 Transco Zone 6 (non NY) Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: TPH

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-NORTHEAST (TRANSCO ZONE 6 NON-N.Y.)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-NORTHEAST (TRANSCO ZONE 6 NON-N.Y.)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Northeast: Transco, zone 6 non-N.Y.: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.212 Millennium East Pool Basis Future

Description: A monthly cash settled Exchange Futures Contract based upon the mathematical result of subtracting the price of the NYMEX Henry Hub Natural Gas Futures Contract, as defined in Reference Price B, from the monthly price published by Inside FERC for the location specified in Reference Price A.

Contract Symbol: MRB

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 84 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A minus Reference Price B

REFERENCE PRICE A: NATURAL GAS-MILLENNIUM, EAST RECEIPTS-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-MILLENNIUM, EAST RECEIPTS-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Appalachia, Millennium, East receipts: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

REFERENCE PRICE B

a) **Ref Price B - Description:** "NATURAL GAS-NYMEX" means that the price for a Pricing Date will be that day's Specified Price per MMBtu of natural gas on the NYMEX of the Henry Hub Natural Gas Futures Contract for the Delivery Date, stated in U.S. Dollars, as made public by the NYMEX on that Pricing Date.

b) **Ref Price B - Pricing Date:** Last scheduled trading day of the NYMEX Henry Hub Natural Gas Futures Contract for the Delivery Date

c) **Ref Price B - Specified Price:** Settlement Price

d) **Ref Price B - Pricing calendar:** NYMEX

e) **Ref Price B - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.213 Millennium East Pool Swing Future

Description: A daily cash settled Exchange Futures Contract based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Contract Symbol: MRC

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: NATURAL GAS-MILLENNIUM, EAST RECEIPTS-GAS DAILY

a) **Ref Price A - Description:** "NATURAL GAS- MILLENNIUM, EAST RECEIPTS-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey ($/MMBtu): Appalachia, Millennium, East receipts: Midpoint" in the issue of Gas Daily that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** Each day that prices are reported for the Delivery Date

c) **Ref Price A - Specified Price:** Midpoint

d) **Ref Price A - Pricing calendar:** Gas Daily

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

18.A.214 Millennium East Pool Index Future

Description: A monthly cash settled Exchange Futures Contract based upon the mathematical result of subtracting the monthly price published by Inside FERC, as defined in Reference Price B, from the average of the daily prices published by Gas Daily, as defined in Reference Price A.

Contract Symbol: MRA

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 120 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Average of the Reference Price A prices minus Reference Price B

REFERENCE PRICE A: NATURAL GAS-MILLENNIUM, EAST RECEIPTS-GAS DAILY

a) **Ref Price A - Description:** "NATURAL GAS- MILLENNIUM, EAST RECEIPTS-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey ($/MMBtu): Appalachia, Millennium, East receipts: Midpoint" in the issue of Gas Daily that reports prices effective on that Pricing Date

b) **Ref Price A - Pricing Date:** Each day that prices are reported for the Delivery Date

c) **Ref Price A - Specified Price:** Midpoint

d) **Ref Price A - Pricing calendar:** Gas Daily

e) **Ref Price A - Delivery Date:** Each calendar day in the Contract Period

REFERENCE PRICE B: NATURAL GAS-MILLENNIUM, EAST RECEIPTS-INSIDE FERC

a) **Ref Price B - Description:** "NATURAL GAS-MILLENNIUM, EAST RECEIPTS-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Appalachia, Millennium, East receipts: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price B - Pricing Date:** First publication date of Contract Period

c) **Ref Price B - Specified Price:** Index

d) **Ref Price B - Pricing calendar:** Inside FERC

e) **Ref Price B - Delivery Date:** Contract Period

Final Payment Date: The third Clearing Organization business day following the Last Trading Day.

MIC Code: IFED

Clearing Venue: ICEU

SUBCHAPTER 18B - FINANCIAL POWER FUTURES CONTRACTS

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<u>18.B.344 PJM Western Hub Real-Time Peak 2x16 Fixed Price Future</u>
<u>18.B.345 ERCOT North 345KV Hub Real-Time Peak 2x16 Fixed Price Future</u>

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18.B.344 PJM Western Hub Real-Time Peak 2x16 Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the mathematical average of daily electricity prices calculated by averaging the peak hourly prices published by PJM for the location specified in Reference Price A.

Contract Symbol: PW2

Settlement Method: Cash settlement

Contract Size: 1 MW

Currency: USD

Min Price Flux: The price quotation convention shall be One cent ($0.01) per MWh; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 50 consecutive monthly contract periods, or as otherwise determined by the Exchange

Last Trading Day: The last Business Day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: ELECTRICITY-PJM-WESTERN HUB-REAL TIME

a) **Ref Price A - Description:** "ELECTRICITY-PJM-WESTERN HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by PJM at http://www.pjm.com/markets-and-operations/energy/real-time/lmp.aspx, under the headings "Daily Real-Time LMP: WESTERN HUB " or any successor headings, that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** Each Saturday, Sunday, and all NERC holidays, that prices are reported for the Delivery Date

c) **Ref Price A - Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

d) **Ref Price A - Pricing calendar:** PJM

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The second Clearing Organization business day following the Last Trading Day

MIC Code: IFED

Clearing Venue: ICEU

18.B.345 ERCOT North 345KV Hub Real-Time Peak 2x16 Fixed Price Future

Description: A monthly cash settled Exchange Futures Contract based upon the mathematical average of daily electricity prices calculated by averaging the peak hourly prices published by ERCOT for the location specified in Reference Price A

Contract Symbol: ER2

Settlement Method: Cash Settlement

Contract Size: 1 MW

Currency: USD

Min Price Flux: The price quotation convention shall be one cent ($0.01) per MWh; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 50 consecutive monthly contract periods, or as otherwise determined by the Exchange

Last Trading Day: The last Business Day of the Contract Period

Final Settlement: Reference Price A

REFERENCE PRICE A: ELECTRICITY-ERCOT-NORTH 345KV HUB-REAL TIME

a) **Ref Price A - Description:** "ELECTRICITY-ERCOT-NORTH 345KV HUB REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the ERCOT at http://www.ercot.com/content/cdr/html/real_time_spp

b) **Ref Price A - Pricing Date:** Each Saturday, Sunday, and all NERC holidays, that prices are reported for the Delivery Date

c) **Ref Price A - Specified Price:** Average of SPPs for all hours ending 0700-2200 CPT

d) **Ref Price A - Pricing calendar:** ERCOT

e) **Ref Price A - Delivery Date:** Contract Period

Final Payment Date: The sixth Clearing Organization business day following the Last Trading Day

MIC Code: IFED

Clearing Venue: ICEU

SUBCHAPTER 18D - PHYSICAL ENVIRONMENTAL FUTURES CONTRACTS

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18.D.022 California Carbon Allowance Vintage 2022 Future

Contract Description: Physically delivered greenhouse gas emissions allowances where each is an allowance issued by the California Air Resources Board or a linked program ("California Carbon Allowance") representing one metric ton of CO_2 equivalent under California Assembly Bill 32 "California Global Warming Solutions Act of 2006" and its associated regulations, rules and amendments, all together known as the "California Cap and Trade Program".

Contract Symbol: CAX: Vintage 2019, CAY: Vintage 2020, CAZ: Vintage 2021, CB0: Vintage 2022

Settlement Method: Physical delivery

Contract Size: 1,000 California Carbon Allowances

Currency: USD

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

Listing Cycle: 1. The Exchange may list monthly contracts in the Standard Cycle or any other calendar month it determines for the current year and forward for up to ten years.

2. The Standard Cycle is: January, February, March, April, May, June, July, August, September, October, November and December

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

Deliverable Instruments: The deliverable instruments are California Carbon Allowances equal to the contract size delivered through the California MTS.

California Carbon Allowances acceptable for delivery are those issued as a limited authorization to emit up to one metric ton of CO_2 or CO_2 equivalent in the California Cap and Trade Program having a vintage corresponding to the calendar year of the expiring contract and allowances having a vintage of any year prior to the calendar year of the expiring contract.

If the specified vintage year allowances do not exist in the California MTS at contract expiry, allowances of any prior vintage year or allowances of the earliest vintage year available in the California MTS shall be delivered.

Registry: California MTS

MIC Code: IFED

Clearing Venues: ICEU

18.D.024 California Carbon Allowance Specific Vintage 2022 Future
Contract Description: Physically delivered greenhouse gas emissions allowances where each is an allowance issued by the California Air Resources Board or a linked program ("California Carbon Allowance") representing one metric ton of CO2 equivalent under California Assembly Bill 32 "California Global Warming Solutions Act of 2006" and its associated regulations, rules and amendments, all together known as the "California Cap and Trade Program".

Contract Symbol: CA7: CCAS Vintage 2017, CA8: CCAS Vintage 2018, CA9: CCAS Vintage 2019, CC0: CCAS Vintage 2020, CCI: Vintage 2021, CC2: Vintage 2022

Settlement Method: Physical delivery

Contract Size: 1,000 California Carbon Allowances

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. The Exchange may list monthly contracts in the Standard Cycle or any other calendar month it determines for the current year and forward for up to ten years.

2. The Standard Cycle is: January, February, March, April, May, June, July, August, September, October, November and December

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

Deliverable Instruments: The deliverable instruments are California Carbon Allowances equal to the contract size delivered through the California MTS.

California Carbon Allowances acceptable for delivery are those issued as a limited authorization to emit up to one metric ton of CO2 or CO2 equivalent in the California Cap and Trade Program having a vintage corresponding to the specified vintage year only.

Registry: California MTS

MIC Code: IFED

Clearing Venues: ICEU

18.D.047 PJM Tri Qualified Renewable Energy Certificate Class I 2 Year Prior Future

Contract Description: Physically delivered Class I Renewable Energy Certificates, Tier 1 Renewable Energy Credits and Tier I Alternative Energy Credits ("Class I REC") where a Class I REC is an electronic certificate issued by the PJM Environmental Information System Generation Attribute Tracking System ("PJM GATS") for generation simultaneously qualifying for the respective portions of the Pennsylvania, New Jersey and Maryland renewable portfolio standard programs.

Contract Symbol: TQ2

Settlement Method: Physical Delivery

Contract Size: 100 MWh representing 100 Qualifying Class I RECs

Currency: USD

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

Listing Cycle: 1. The Exchange may list monthly contracts in the Standard Cycle or any other calendar month it determines for the current year and forward for up to ten years.

2. The Standard Cycle is: January, February, March, April, May, June, July, August, September, October, November and December

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

Deliverable Instruments: Class I RECs eligible for delivery are those which are eligible to meet the Class I or Tier 1/I requirements in each of the states of Pennsylvania, New Jersey and Maryland where; the Pennsylvania requirements are specified in Pennsylvania Statutes Title 73 Chapter 18F; the New Jersey requirements are specified in N.J.A.C. 14:8-2-3; and the Maryland requirements are specified in Maryland Annotated Code, Public Utility Companies Article, § 7-701 – 7-713 and in the Code of Maryland Regulations as implemented through Title 20, Subtitle 61.

Class 1 RECs acceptable for delivery are those having a vintage year designation that corresponds to the specified vintage year of the expiring contract. Applicable to the Maryland vintage-year designation only and only for the expiry months of January through July, sellers have the option to deliver a vintage designation that corresponds to the specified vintage year of the expiring contract or one that is one year earlier.

Registry: PJM GATS

MIC CODE: IFED

CLEARING VENUE: ICEU

18.D.048 California Carbon Allowance Current Auction Clearing Price

Contract Description: The California Carbon Allowance Current Auction Clearing Price contract is a cleared market for California Carbon Allowance (CCA) futures contracts at a premium or discount to the Current Auction Settlement Price as published by the California Air Resources Board.

Contract Symbol: ACP

Settlement Method: 1 ACP contract expires into an eligible California Carbon Allowances futures contract

Contract Size: 1 California Carbon Allowances futures contract

Currency: USD

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

Listing Cycle: The Exchange may list contracts for trade on the standard listing cycle of February, May, August and November out two years. The Exchange may list any other calendar month contract sets off the standard -cycle listing schedule.

Last Trading Day: The last trading day for the ACP contract is the day on which the Joint Auction Summary Results Report for the specified auction is released.

Deliverable Instruments: All parties with open positions at expiry will establish equivalent long or short futures positions in the eligible CCA futures contract on the Final Settlement Day. The eligible CCA futures contract is the futures contract with a vintage equal to the current calendar year and an expiry month following the month the auction is held.

Open positions in the eligible CCA futures contract shall be priced at the respective Current Auction Settlement Price as published by the California Air Resources Board in the Joint Auction Summary Results Report. In the instance that an auction is cancelled or no Current Auction Settlement Price is published, an alternative settlement shall be determined by the Exchange.

MIC CODE: IFED

CLEARING VENUE: ICEU

Final Settlement: Final Settlement Day is on the day of publication of the Auction Settlement Price by the California Air Resources Board in the Joint Auction Summary Results Report.

18.D.049 California Carbon Allowance Advance Auction Clearing Price

Contract Description: The California Carbon Allowance Advance Auction Clearing Price contract is a cleared market for California Carbon Allowance (CCA) futures contracts at a premium or discount to the Advance Auction Settlement Price as published by the California Air Resources Board.

Contract Symbol: ACA

Settlement Method: 1 ACA contract expires into an eligible California Carbon Allowances futures contract

Contract Size: 1 California Carbon Allowances futures contract

Currency: USD

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

Listing Cycle: The Exchange may list contracts for trade on the standard listing cycle of February, May, August and November out two years. The Exchange may list any other calendar month contract sets off the standard -cycle listing schedule.

Last Trading Day: The last trading day for the ACA contract is the day on which the Joint Auction Summary Results Report for the specified Advance Auction is released.

Deliverable Instruments: All parties with open positions at expiry will establish equivalent long or short futures positions in the eligible CCA futures contract on the Final Settlement Day. The eligible CCA futures contract is the futures contract with a vintage three years advanced from the current calendar year and an expiry month following the month the auction is held.

Open positions in the eligible CCA futures contract shall be priced at the respective Advance Auction Settlement Price as published by the California Air Resources Board in the Joint Auction Summary Results Report. In the instance that an Advance Auction is cancelled or no Advance Auction Settlement Price is published, an alternative settlement shall be determined by the Exchange.

MIC CODE: IFED

CLEARING VENUE: ICEU

Final Settlement: Final Settlement Day is on the day of publication of the auction Settlement Price by the California Air Resources Board in the Joint Auction Summary Results Report.

18.D.050 Regional Greenhouse Gas Initiative Allowance Auction Clearing Price

Contract Description: The Regional Greenhouse Gas Initiative (RGGI) Allowance Auction Clearing Price contract is a cleared market for RGGI futures contracts at a premium or discount to the Clearing Price as published in the RGGI Inc. Market Monitor Report of the respective RGGI Auction.

Contract Symbol: RCP

Settlement Method: 1 RCP contract expires into an eligible Regional Greenhouse Gas Initiative futures contract

Contract Size: 1 Regional Greenhouse Gas Initiative futures contract

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One cent ($0.01) per RGGI CO2 Allowance; Price may be positive or negative; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: The Exchange may list contracts for trade on the standard listing cycle of March, June, September and December out two years. The Exchange may list any other calendar month contract sets off the standard-cycle listing schedule.

Last Trading Day: The last trading day for the RCP contract is the day on which the Market Monitor Report for the specified auction is released.

Deliverable Instruments: All parties with open positions at expiry will establish equivalent long or short futures positions in the eligible RGGI futures contract on the Final Settlement Day. The eligible RGGI futures contract is the futures contract with a vintage equal to the current calendar year and an expiry month of the month the auction is held.

Open positions in the eligible RGGI futures contract shall be priced at the respective Auction Clearing Price as published by RGGI Inc. in the Market Monitor Report. In the instance that an auction is cancelled or no Auction Clearing Price is published, an alternative settlement shall be determined by the Exchange.

MIC CODE: IFED

CLEARING VENUE: ICEU

Final Settlement: Final Settlement Day is on the day of publication of the Auction Clearing Price by RGGI Inc. in the Market Monitor Report.

SUBCHAPTER 18E - ENERGY OPTIONS CONTRACTS

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18.E.067 Option on California Carbon Allowance Future - Vintage 2019 and After
18.E.072 Option on California Carbon Allowance Vintage Specific Future
<u>18.E.114 Option on PJM Western Hub Real-Time Off-Peak Calendar Year One Time Mini Fixed Price Future</u>
<u>18.E.115 Option on Algonquin Citygates Fixed Price Future</u>
<u>18.E.116 Option on CG-Mainline Fixed Price Future</u>
<u>18.E.117 Option on CIG Rockies Fixed Price Future</u>
<u>18.E.118 Option on Malin Fixed Price Future</u>
<u>18.E.119 Option on NGPL Midcont Fixed Price Future</u>
<u>18.E.120 Option on NGPL TXOK Fixed Price Future</u>
<u>18.E.121 Option on NNG Ventura Fixed Price Future</u>
<u>18.E.122 Option on PG&E Citygate Fixed Price Future</u>
<u>18.E.123 Option on REX Zone 3 Fixed Price Future</u>
<u>18.E.124 Option on TCO Fixed Price Future</u>
<u>18.E.125 Option on Transco Leidy Fixed Price Future</u>
<u>18.E.126 Option on Transco Zone 6 (non NY) Fixed Price Future</u>

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18.E.067 Option on California Carbon Allowance Vintage 2022 Future

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

Contract Symbol: CAX: Vintage 2019, CAY: Vintage 2020, CAZ: Vintage 2021, CB0: Vintage 2022

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 1 California Carbon Allowances Futures

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One tenth of one cent ($0.001) per Allowance; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: 1. The Exchange may list monthly contracts in the Standard Cycle or any other calendar month it determines for the current year and forward for up to ten years.

2. The Standard Cycle is: January, February, March, April, May, June, July, August, September, October, November and December

Strike Price Intervals: A minimum of ten Strike Prices in increments of $0.05 above and below the at-the-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 4:00 pm 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

MIC Code: IFED

Clearing Venue: ICEU

18.E.072 Option on California Carbon Allowance Vintage Specific 2022 Future

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

Contract Symbol: CA7: CCAS Vintage 2017, CA8: CCAS Vintage 2018, CA9: CCAS Vintage 2019, CC0: Vintage 2020; CC1: Vintage 2021; CC2: Vintage 2022

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 1 California Carbon Allowances Futures

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One tenth of one cent ($0.001) per Allowance; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: 1. The Exchange may list monthly contracts in the Standard Cycle or any other calendar month it determines for the current year and forward for up to ten years.

2. The Standard Cycle is: January, February, March, April, May, June, July, August, September, October, November and December

Strike Price Intervals: A minimum of ten Strike Prices in increments of $0.05 above and below the at-the-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 4:00 pm 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

MIC Code: IFED

Clearing Venue: ICEU

18.E.114 Option On PJM Western Hub Real-Time Off-Peak Calendar Year One Time Mini Fixed Price Future

Contract Description: An Option on a basket of yearly Contract Periods, January-December, of the Underlying Future Contract. For purposes of this Exchange Option, the term "One Time Option" shall mean that the Option will exercise into each of the Contract Periods of the Underlying Futures Contract in the basket using a single reference price, as defined in Reference Price A

Contract Symbol: POX

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 1 MW

Currency: USD

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

Listing Cycle: Up to 4 consecutive January-December yearly Contract Periods, or as otherwise determined by the Exchange

Last Trading Day: At 2:30pm EPT on the second Friday prior to the first calendar day of the first Contract Period in the basket

Option Style: European

Exercise Method: Automatic Only

Exercise Procedure: Manual exercise or abandon is not permitted.

Exercise Day: Last Trading Day

Automatic Exercise Provisions: At Exercise Time, options which are "in the money", with respect to the weighted average of the Reference Price A prices, will exercise automatically into twelve Underlying Futures Contracts, one for each contract month in the Contract period, with a contract price equal to the Strike Price. The weighted average shall be determined by multiplying the Specified Price for each Delivery Date, as specified in Reference Price A, by its Weighting Factor to determine the weighted prices, and then dividing that sum by the sum of the Weighting Factors. For purposes of this Exchange Option, the "Weighting Factor" shall mean a number equal to the number of Pricing Days in the Contract Period of the Underlying Futures Contract. Each Contract Period in the basket will have its own Weighting Factor. If the option is "out of the money", then it expires automatically

REFERENCE PRICE A: ELECTRICITY-PJM-WESTERN HUB-REAL TIME-OFF PEAK MONTHLY-ICE

a) **Description:** "ELECTRICITY-PJM-WESTERN HUB-REAL TIME-OFF PEAK MONTHLY-ICE" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity on ICE of the PJM Western Hub Real-Time Peak Fixed Price Swap Futures Contract for the Delivery Date, stated in U.S. Dollars, as made public by ICE on that Pricing Date.

b) **Pricing Date:** Second to Last Friday in December preceding the Contract Period

c) **Specified Price:** Settlement Price

d) **Pricing calendar:** ICE

e) **Delivery Date:** Each Contract Period in the basket

Strike Price Listing: A minimum of ten Strike Prices in increments of $1.00 per MWh above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-Defined Strike Prices are allowed in $0.05 increments.

MIC Code: IFED

Clearing Venue: ICEU

18.E.115 Option on Algonquin Citygates Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the Algonquin Citygates Fixed Price Future.

Contract Symbol: ALG

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: "NATURAL GAS-NORTHEAST (ALGONQUIN CITY-GATE)-INSIDE FERC"

a) **Ref Price A - Description:** "NATURAL GAS-NORTHEAST (ALGONQUIN CITY-GATE)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Northeast: Algonquin, city-gates: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.116 Option on CG-Mainline Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the CG Mainline Fixed Price Future.

Contract Symbol: CGA

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-COLUMBIA GULF (MAINLINE)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-COLUMBIA GULF (MAINLINE)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Louisiana/Southeast: ANR, La. : Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.117 Option on CIG Rockies Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the CIG Rockies Fixed Price Future.

Contract Symbol: CRA

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-CIG (ROCKY MOUNTAINS)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-CIG (ROCKY MOUNTAINS)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Rockies/Northwest: CIG, Rockies: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.118 Option on Malin Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the Malin Fixed Price Future.

Contract Symbol: MAF

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-CALIFORNIA (MALIN)-NGI

a) **Ref Price A - Description:** "NATURAL GAS-CALIFORNIA (MALIN)-NGI" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Spot Gas Prices: California: Malin: avg." in the issue of NGI's Bidweek Survey that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** NGI

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.119 Option on NGPL Midcont Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the NGPL Midcont Fixed Price Future.

Contract Symbol: MCN

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-NGPL (MIDCONTINENT)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-NGPL (MIDCONTINENT)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Midcontinent: NGPL, Midcontinent: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.120 Option on NGPL TXOK Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the NGPL TXOK Fixed Price Future.

Contract Symbol: NTH

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-NGPL (TEXOK)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-NGPL (TEXOK)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): East Texas: NGPL, Texok zone: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.121 Option on NNG Ventura Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the NNG Ventura Fixed Price Future.

Contract Symbol: NNH

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-NNG (VENTURA)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-NNG (VENTURA)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Upper Midwest: Northern, Ventura: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.122 Option on PG&E Citygate Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the PG&E Citygate Fixed Price Future.

Contract Symbol: PGD

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-CALIFORNIA (PG&E CITYGATE)-NGI

a) **Ref Price A - Description:** "NATURAL GAS-CALIFORNIA (PG&E CITYGATE)-NGI" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Spot Gas Prices: California: PG&E Citygate: avg." in the issue of NGI's Bidweek Survey that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** NGI

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.123 Option on REX Zone 3 Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the REX Zone 3 Fixed Price Future.

Contract Symbol: REH

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-UPPER MIDWEST, REX, ZONE 3 DELIVERED-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-UPPER MIDWEST, REX, ZONE 3 DELIVERED-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Upper Midwest: REX, zone 3 delivered: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.124 Option on TCO Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the TCO Fixed Price Future.

Contract Symbol: TCF

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-COLUMBIA GAS (APPALACHIA)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-COLUMBIA GAS (APPALACHIA)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Appalachia: Columbia Gas, App.: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.125 Option on Transco Leidy Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the Transco Leidy Fixed Price Future.

Contract Symbol: YQA

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day
Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-TRANSCONTINENTAL GAS PIPE LINE, LEIDY LINE RECEIPTS-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-TRANSCONTINENTAL GAS PIPE LINE, LEIDY LINE RECEIPTS-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Appalachia: Transco, Leidy Line receipts: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

18.E.126 Option on Transco Zone 6 (non NY) Fixed Price Future

Contract Description: A monthly Option on the corresponding Contract Period of the Transco Zone 6 (non NY) Fixed Price Future.

Contract Symbol: TPH

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One hundredth of a cent ($0.0001) per MMBtu; minimum price fluctuation may vary by trade type. Please see Table in Resolution 1 to this Chapter 18.

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At the end of the Trading Session on the last Business Day prior to the first calendar day of the Contract Period

Strike Price Intervals: Strike Price Listing Provisions: A minimum of 10 Strike Prices in increments of $0.25 per MMBtu above and below the at-the-money Strike Price. Strike Price boundaries are adjusted according to futures price movements. User-defined Strike Prices are allowed in $0.001 increments.

Option Style: European

Exercise Method: Automatic

Exercise procedure: Manual exercise or abandon is not permitted.

Exercise Day: The second Clearing Organization business day following the Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to Reference Price A, exercise automatically into the Underlying Futures Contract with a contract price equal to the Strike Price.

Options which are "out of the money" expire automatically.

REFERENCE PRICE A: NATURAL GAS-NORTHEAST (TRANSCO ZONE 6 NON-N.Y.)-INSIDE FERC

a) **Ref Price A - Description:** "NATURAL GAS-NORTHEAST (TRANSCO ZONE 6 NON-N.Y.)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Monthly Bidweek Spot Gas Prices ($/MMBtu): Northeast: Transco, zone 6 non-N.Y.: Index" in the issue of Inside FERC that reports prices effective on that Pricing Date.

b) **Ref Price A - Pricing Date:** First publication date of the Contract Period

c) **Ref Price A - Specified Price:** Index

d) **Ref Price A - Pricing calendar:** Inside FERC

e) **Ref Price A - Delivery Date:** Contract Period

MIC Code: IFED

Clearing Venue: ICEU

SUBCHAPTER 19A - OUTRIGHT-CRUDE OIL AND REFINED PRODUCTS

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<u>19.A.35 Fuel Oil Outright - Marine Fuel 0.5% FOB USGC Barges (Platts) Future</u>

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19.A.35 Fuel Oil Outright - Marine Fuel 0.5% FOB USGC Barges (Platts) Future

Description: A monthly cash settled future based on the Platts daily assessment price for 0.5% FOB US Gulf Coast Barges Marine Fuel.

Contract Symbol: MF1

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent ($0.01) per barrel

Settlement Price Quotation: One tenth of one cent ($0.001) per barrel

Minimum Price Fluctuation: One tenth of one cent ($0.001) per barrel

Last Trading Day: Last Trading Day of the contract month

Floating Price: In respect of daily settlement, the Floating Price will be determined by ICE using price data from a number of sources including spot, forward and derivative markets for both physical and financial products.

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the "$/barrel" quotations appearing in the "Platts US Marketscan" under the heading "Marine Fuel" for "0.5% FOB US Gulf Coast barge" for each business day (as specified below) in the determination period.

Contract Series: Up to 60 consecutive months

Final Payment Dates: Two Clearing House Business Days following the Last Day in the determination period.

Business Days: Publication days for Platts US Marketscan

MIC Code: IFED

Clearing Venue: ICEU

SUBCHAPTER 19C - DIFFERENTIAL FUTURES CONTRACTS – CRUDE OIL AND REFINED PRODUCTS

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19.C.105 Fuel Oil Diff - Marine Fuel 0.5% FOB USGC Barges (Platts) vs USGC HSFO (Platts) Future

Description: A monthly cash settled future based on the difference between the Platts daily assessment price for 0.5% FOB US Gulf Coast Barges Marine Fuel and the Platts daily assessment price for US Gulf Coast High Sulphur Fuel Oil.

Contract Symbol: MF2

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent ($0.01) per barrel

Settlement Price Quotation: One tenth of one cent ($0.001) per barrel

Minimum Price Fluctuation: One tenth of one cent ($0.001) per barrel

Last Trading Day: Last Trading Day of the contract month

Floating Price: In respect of daily settlement, the Floating Price will be determined by ICE using price data from a number of sources including spot, forward and derivative markets for both physical and financial products.

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the "$/barrel" quotations appearing in the "Platts US Marketscan" under the heading "Marine Fuel" for "0.5% FOB US Gulf Coast barge" and the average of the "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Houston" and "$/barrel" for "USGC HSFO" for each business day (as specified below) in the determination period.

Contract Series: Up to 60 consecutive months

Final Payment Dates: Two Clearing House Business Days following the Last Day in the determination period.

Business Days: Publication days for Platts US Marketscan

MIC Code: IFED

Clearing Venue: ICEU

19.C.106 Gasoline Diff - Gulf Coast Unl 87 Gasoline Prompt Pipeline (Platts) vs Argus Eurobob Oxy FOB Rotterdam Barges Future (349.86 conversion)

Description: A monthly cash settled future based on the difference between the Platts daily settlement price for Gulf Coast Unleaded 87 Gasoline Prompt Pipeline and the Argus daily assessment price for Eurobob Oxy FOB Rotterdam Barges.

Contract Symbol: GDU

Contract Size: 1,000 metric tonnes (349,860 gallons)

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (¢0.01) per gallon

Settlement Price Quotation: One thousandth of one cent (¢0.001) per gallon

Minimum Price Fluctuation: One thousandth of one cent (¢0.001) per gallon

Last Trading Day: Last Trading Day of the contract month

Floating Price: In respect of daily settlement, the Floating Price will be determined by ICE using price data from a number of sources including spot, forward and derivative markets for both physical and financial products.

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the difference between the average of the "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" and "Houston", subheading "Prompt Pipeline" for "Unleaded 87" and the average of the mean of the high and low quotations appearing in the "Argus European Products Report" under the heading "Northwest Europe light products" subheading "barge" for "Eurobob oxy" for each business day (as specified below) in the determination period.

Non-Common Pricing applies.

conversion factor: 1 metric tonne = 349.86 gallons.

Contract Series: Up to 48 consecutive months, or as otherwise determined by the Exchange.

Final Payment Dates: Two Clearing House Business Days following the Last Trading Day

Business Days: Publication days for Platts US Marketscan and Argus European Products Report

MIC Code: IFED

Clearing Venue: ICEU

[REMAINDER OF RULES UNCHANGED]

EXHIBIT B

[EXHIBIT REDACTED]