



Submission No. 24-59A
April 8, 2024

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 NYISO Zone A Day-Ahead Peak Calendar Year One Time Fixed Price
Future and Related Amendments (29 of 30)
Submission Pursuant to Section 5c(c)(1) of the Act and Regulation 40.2**

Dear Mr. Kirkpatrick:

Pursuant to Section 5c(c)(1) of the Commodity Exchange Act, as amended (the "CEA"), and Commission Regulations 40.2, ICE Futures U.S., Inc. ("Exchange") filed Submission Nos 24-32 through 24-60 and 24-64 on April 5, 2024, which provided for the listing of 24 new futures and six new option on futures contracts on or about April 22, 2024, 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 such submission was received by the Commission.

The Exchange hereby submits this filing to modify Submission 24-59 to correct the Exchange Reportable Level for the applicable product. Such ERL should be 1 contract and is corrected in Exchange's Resolution No. 2 to Chapter 18 provided herein.

Certifications

The rules and amendments establishing the new futures and option on futures contracts' terms and conditions are to become effective on the second business day following the business day on which this submission is received by the Commission. The Exchange is not aware of any substantive opposing views to the new futures and option on futures contracts. The Exchange certifies that the 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 option on futures contracts are set forth in new Rules 18.B.418-18.B.421, 18.E.161-18.E.163, 19.A.79-19.A.87, 19.C.155-19.C.160, amendments to Rules 18.D.011, 18.D.022, 18.D.024, 18.D.068, 18.D.070, 18.E.148, 18.E.155, 18.E.160, and amendments to Resolutions 1 and 2 of Chapters 18 and 19, and will be enforced by the Exchange. In addition, trading of the contracts is subject to all relevant Exchange rules which are enforced by the Market Regulation Department.

CONTRACTS NOT READILY SUBJECT TO MANIPULATION

The new futures and option on futures 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 option on futures 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 at the Exchange or another designated contract market or based on the deliverable supply of the cash commodity underlying the contract. Positions held in the new option on futures contract will be aggregated with the futures contract underlying the option contract for purposes of position limits and accountability.

FINANCIAL INTEGRITY OF CONTRACTS

The new futures and option on futures 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 is not aware of any opposing views expressed by members or others regarding the listing of the new futures and option on futures contracts and the adoption of related amendments. The Exchange further certifies that concurrent with this filing a copy of this submission was posted on the Exchange's website, which may be accessed at: (<https://www.theice.com/futures-us/regulation#rule-filings>).

If you have any questions or need further information, please contact the undersigned at patrick.swartz@ice.com.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Patrick Swartz', is positioned above the printed name and title.

Patrick Swartz
Director
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.D.022	California Carbon Allowance Vintage 2028 Future	CB8	1,000	Allowances	0.01	2.50	3	5	0.25
18.D.024	California Carbon Allowance Specific Vintage 2028 Future	CCW	1,000	Allowances	0.01	2.50	3	5	0.25
18.D.068	Washington Carbon Allowance Vintage 2028 Future	WCF	1,000	Allowances	0.01	2.50	3	5	0.25
18.D.070	Washington Carbon Allowance Specific Vintage 2028 Future	WSF	1,000	Allowances	0.01	2.50	3	5	0.25
18.D.011	Regional Greenhouse Gas Initiative Vintage 2026 Future	RJ6	1,000	Allowances	0.01	1.00	3	5	0.10
18.E.148	Option on California Carbon Allowance Vintage 2026 Future	CB6	1,000	Allowances	0.01	N/A	N/A	N/A	20% of Premium FMV up to 0.25 (Min/Max Range = 0.01/0.25)
18.E.160	Option on Washington Carbon Allowance Vintage 2025 Future	WCC	1,000	Allowances	0.01	N/A	N/A	N/A	20% of Premium FMV up to 0.25 (Min/Max Range = 0.01/0.25)
18.E.155	Option on Regional Greenhouse Gas Initiative Vintage 2025 Future	RJ5	1,000	Allowances	0.01	N/A	N/A	N/A	20% of Premium FMV up to 0.10 (Min/Max Range = 0.05/0.10)
19.C.155	Crude Oil Diff - ICE CLK EDM 1a Index Future	CLE	1,000	bbl	0.0001	6.25	3	5	0.25
19.C.156	Biofuel Diff - RBD Soybean Oil Basis (Fastmarkets) Future	SYB	60,000	lbs	0.0001	1.00	3	5	0.10
19.A.79	Biodiesel Outright - Los Angeles RD 99% (OPIS) Future	RD1	1,000	bbl	0.0001	6.25	3	5	0.25
19.C.157	Biodiesel Diff - Los Angeles RD 99% (OPIS) vs NYH Heating Oil 1st Line Future	RDO	1,000	bbl	0.0001	6.25	3	5	0.25
19.A.80	Biodiesel Outright - Los Angeles SAF 99% (OPIS) Future	SAH	1,000	bbl	0.0001	6.25	3	5	0.25
19.C.158	Biodiesel Diff - Los Angeles SAF 99% (OPIS) vs NYH Heating Oil 1st Line Future	SAD	1,000	bbl	0.0001	6.25	3	5	0.25
19.A.81	Fuel Oil Outright - US Gulf Coast Asphalt (Argus) Future	BIT	1,000	bbl	0.0001	6.25	3	5	0.25
19.A.82	Fuel Oil Outright - US Atlantic Coast Asphalt (Argus) Future	NEA	1,000	bbl	0.0001	6.25	3	5	0.25
19.A.83	Fuel Oil Outright - US Midcontinent Asphalt (Argus) Future	MWR	1,000	bbl	0.0001	6.25	3	5	0.25
19.A.84	Diesel Outright - Los Angeles CARB Diesel (OPIS) Future	CBD	1,000	bbl	0.0001	6.25	3	5	0.25
19.A.85	Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) Future	CAG	1,000	bbl	0.0001	6.25	3	5	0.25
19.A.86	Biodiesel Outright - Los Angeles Jet (OPIS) Future	JEO	1,000	bbl	0.0001	6.25	3	5	0.25
19.C.159	Refined Diff - Los Angeles Jet (OPIS) vs NYH Heating Oil 1st Line Future	JXH	1,000	bbl	0.0001	6.25	3	5	0.25

19.A.87	Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) 1st Line Future	HOH	1,000	bbl	0.0001	6.25	3	5	0.25
19.C.160	Crude Diff - ICE HITAN EDM 1a Index Future	HTN	1,000	bbl	0.0001	6.25	3	5	0.25
18.B.418	CAISO NP-15 Day-Ahead TB4 Fixed Price Future, 7X	CBT	1	MW	0.01	30.00	3	5	2.00
18.B.419	CAISO SP-15 Day-Ahead TB4 Fixed Price Future, 7X	CBU	1	MW	0.01	30.00	3	5	2.00
18.B.420	CAISO NP-15 Day-Ahead TB4 Fixed Price Daily Future	CBV	4	MWh	0.01	120.00	3	5	5.00
18.B.421	CAISO SP-15 Day-Ahead TB4 Fixed Price Daily Future	CBW	4	MWh	0.01	120.00	3	5	5.00
18.E.161	Option on NYISO Zone G Day-Ahead Peak Calendar Year One Time Fixed Price Future	NSG	1	MW	0.01	N/A	N/A	N/A	20% of Premium FMV up to 5.00 (Min/Max Range = 0.50/5.00)
18.E.162	Option on NYISO Zone A Day-Ahead Peak Calendar Year One Time Fixed Price Future	NSA	1	MW	0.01	N/A	N/A	N/A	20% of Premium FMV up to 5.00 (Min/Max Range = 0.50/5.00)
18.E.163	Henry Cal 1X Fixed Price ICE Lots Options	HHB	2,500	MMBtu	0.0001	N/A	N/A	N/A	20% of Premium FMV up to 0.05 (Min/Max Range = 0.005/0.05)

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

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	Blocks and other trades outside the central limit order book
* * *			
<u>18.D.022</u>	<u>California Carbon Allowance Vintage 2028 Future</u>	<u>0.01</u>	<u>0.01</u>
<u>18.D.024</u>	<u>California Carbon Allowance Specific Vintage 2028 Future</u>	<u>0.01</u>	<u>0.01</u>
<u>18.D.068</u>	<u>Washington Carbon Allowance Vintage 2028 Future</u>	<u>0.01</u>	<u>0.01</u>
<u>18.D.070</u>	<u>Washington Carbon Allowance Specific Vintage 2028 Future</u>	<u>0.01</u>	<u>0.01</u>
<u>18.D.011</u>	<u>Regional Greenhouse Gas Initiative Vintage 2026 Future</u>	<u>0.01</u>	<u>0.01</u>
<u>18.E.148</u>	<u>Option on California Carbon Allowance Vintage 2026 Future</u>	<u>0.01</u>	<u>0.01</u>
<u>18.E.160</u>	<u>Option on Washington Carbon Allowance Vintage 2025 Future</u>	<u>0.01</u>	<u>0.01</u>
<u>18.E.155</u>	<u>Option on Regional Greenhouse Gas Initiative Vintage 2025 Future</u>	<u>0.01</u>	<u>0.01</u>
<u>18.B.418</u>	<u>CAISO NP-15 Day-Ahead TB4 Fixed Price Future, 7X</u>	<u>0.05</u>	<u>0.01</u>
<u>18.B.419</u>	<u>CAISO SP-15 Day-Ahead TB4 Fixed Price Future, 7X</u>	<u>0.05</u>	<u>0.01</u>
<u>18.B.420</u>	<u>CAISO NP-15 Day-Ahead TB4 Fixed Price Daily Future</u>	<u>0.05</u>	<u>0.01</u>
<u>18.B.421</u>	<u>CAISO SP-15 Day-Ahead TB4 Fixed Price Daily Future</u>	<u>0.05</u>	<u>0.01</u>
<u>18.E.161</u>	<u>Option on NYISO Zone G Day-Ahead Peak Calendar Year One Time Fixed Price Future</u>	<u>0.05</u>	<u>0.01</u>
<u>18.E.162</u>	<u>Option on NYISO Zone A Day-Ahead Peak Calendar Year One Time Fixed Price Future</u>	<u>0.05</u>	<u>0.01</u>
<u>18.E.163</u>	<u>Henry Cal 1X Fixed Price ICE Lots Options</u>	<u>0.001</u>	<u>0.0001</u>

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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
* * *			
19.C.155	Crude Oil Diff - ICE CLK EDM 1a Index Future	0.0001	0.0001
19.C.156	Biofuel Diff - RBD Soybean Oil Basis (Fastmarkets) Future	0.0001	0.0001
19.A.79	Biodiesel Outright - Los Angeles RD 99% (OPIS) Future	0.0001	0.0001
19.C.157	Biodiesel Diff - Los Angeles RD 99% (OPIS) vs NYH Heating Oil 1st Line Future	0.0001	0.0001
19.A.80	Biodiesel Outright - Los Angeles SAF 99% (OPIS) Future	0.0001	0.0001
19.C.158	Biodiesel Diff - Los Angeles SAF 99% (OPIS) vs NYH Heating Oil 1st Line Future	0.0001	0.0001
19.A.81	Fuel Oil Outright - US Gulf Coast Asphalt (Argus) Future	0.0001	0.0001
19.A.82	Fuel Oil Outright - US Atlantic Coast Asphalt (Argus) Future	0.0001	0.0001
19.A.83	Fuel Oil Outright - US Midcontinent Asphalt (Argus) Future	0.0001	0.0001
19.A.84	Diesel Outright - Los Angeles CARB Diesel (OPIS) Future	0.0001	0.0001
19.A.85	Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) Future	0.0001	0.0001
19.A.86	Biodiesel Outright - Los Angeles Jet (OPIS) Future	0.0001	0.0001
19.C.159	Refined Diff - Los Angeles Jet (OPIS) vs NYH Heating Oil 1st Line Future	0.0001	0.0001
19.A.87	Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) 1st Line Future	0.0001	0.0001
19.C.160	Crude Diff - ICE HITAN EDM 1a Index Future	0.01	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	CFTC Referenced Contract	Trading Ratio
18.D.022	California Carbon Allowance Vintage 2028 Future	CB8	1,000	Allowances	25,000	25,000	30,000	CB8		25	N	
18.D.024	California Carbon Allowance Specific Vintage 2028 Future	CCW	1,000	Allowances	4,500	4,500	4,500	CCW		25	N	
18.D.068	Washington Carbon Allowance Vintage 2028 Future	WCF	1,000	Allowances	10,000	10,000	10,000	WCF		25	N	
18.D.070	Washington Carbon Allowance Specific Vintage 2028 Future	WSF	1,000	Allowances	10,000	10,000	10,000	WSF		25	N	
18.D.011	Regional Greenhouse Gas Initiative Vintage 2026 Future	RJ6	1,000	Allowances	25,000	25,000	25,000	RJ6		25	N	
18.E.148	Option on California Carbon Allowance Vintage 2026 Future	CB6	1,000	Allowances	25,000	25,000	30,000	CB6		25	N	
18.E.160	Option on Washington Carbon Allowance Vintage 2025 Future	WCC	1,000	Allowances	10,000	10,000	10,000	WCC		25	N	
18.E.155	Option on Regional Greenhouse Gas Initiative Vintage 2025 Future	RJ5	1,000	Allowances	25,000	25,000	25,000	RJ5		25	N	
19.C.155	Crude Oil Diff - ICE CLK EDM 1a Index Future	CLE	1,000	Barrels	2,400	2,400	2,400	CLE		25	N	
19.C.156	Biofuel Diff - RBD Soybean Oil Basis (Fastmarkets) Future	SYB	60,000	lbs	600	600	600	SYB		25	N	
19.A.79	Biodiesel Outright - Los Angeles RD 99% (OPIS) Future	RD1	1,000	Barrels	490	490	490	RD1		25	N	
19.C.157	Biodiesel Diff - Los Angeles RD 99% (OPIS) vs NYH Heating Oil 1st Line Future	RDO	1,000	Barrels	490	490	490	RDO		25	N	
19.A.80	Biodiesel Outright - Los Angeles SAF 99% (OPIS) Future	SAH	1,000	Barrels	7	7	7	SAH		1	N	
19.C.158	Biodiesel Diff - Los Angeles SAF 99% (OPIS) vs NYH Heating Oil 1st Line Future	SAD	1,000	Barrels	7	7	7	SAD		1	N	
19.A.81	Fuel Oil Outright - US Gulf Coast Asphalt (Argus) Future	BIT	1,000	Barrels	1,300	1,300	1,300	BIT		25	N	
19.A.82	Fuel Oil Outright - US Atlantic Coast Asphalt (Argus) Future	NEA	1,000	Barrels	1,600	1,600	1,600	NEA		25	N	
19.A.83	Fuel Oil Outright - US Midcontinent Asphalt (Argus) Future	MWR	1,000	Barrels	2,900	2,900	2,900	MWR		25	N	
19.A.84	Diesel Outright - Los Angeles CARB Diesel (OPIS) Future	CBD	1,000	Barrels	1,000	1,000	1,000	CBD		25	N	
19.A.85	Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) Future	CAG	1,000	Barrels	1,000	1,000	1,000	CAG		25	N	
19.A.86	Biodiesel Outright - Los Angeles Jet (OPIS) Future	JEO	1,000	Barrels	1,000	1,000	1,000	JEO		25	N	
19.C.159	Refined Diff - Los Angeles Jet (OPIS) vs NYH Heating Oil 1st Line Future	JXH	1,000	Barrels	1,000	1,000	1,000	JXH		25	N	
19.A.87	Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) 1st Line Future	HOH	1,000	Barrels	1,000	1,000	1,000	HOH		25	N	
19.C.160	Crude Diff - ICE HITAN EDM 1a Index Future	HTN	1,000	Barrels	8,100	8,100	8,100	HTN		25	N	
18.B.418	CAISO NP-15 Day-Ahead TB4 Fixed Price Future, 7X	CBT	1	MW	4,688	4,688	4,688	CBT		1	N	

<u>18.B.419</u>	<u>CAISO SP-15 Day-Ahead TB4 Fixed Price Future, 7X</u>	<u>CBU</u>	<u>1</u>	<u>MW</u>	<u>7,143</u>	<u>7,143</u>	<u>17,857</u>	<u>CBU</u>		<u>1</u>	<u>N</u>	
<u>18.B.420</u>	<u>CAISO NP-15 Day-Ahead TB4 Fixed Price Daily Future</u>	<u>CBV</u>	<u>4</u>	<u>MWh</u>	<u>140,640</u>	<u>140,640</u>	<u>140,640</u>	<u>CBT</u>		<u>1</u>	<u>N</u>	<u>30 CBV : 1 CBT</u>
<u>18.B.421</u>	<u>CAISO SP-15 Day-Ahead TB4 Fixed Price Daily Future</u>	<u>CBW</u>	<u>4</u>	<u>MWh</u>	<u>214,290</u>	<u>214,290</u>	<u>535,710</u>	<u>CBU</u>		<u>1</u>	<u>N</u>	<u>30 CBW : 1 CBU</u>
<u>18.E.161</u>	<u>Option on NYISO Zone G Day-Ahead Peak Calendar Year One Time Fixed Price Future</u>	<u>NSG</u>	<u>1</u>	<u>MW</u>	<u>2,968</u>	<u>2,968</u>	<u>11,905</u>	<u>NGY</u>		<u>1</u>	<u>N</u>	
<u>18.E.162</u>	<u>Option on NYISO Zone A Day-Ahead Peak Calendar Year One Time Fixed Price Future</u>	<u>NSA</u>	<u>1</u>	<u>MW</u>	<u>3,810</u>	<u>4,762</u>	<u>11,905</u>	<u>NAY</u>		<u>1</u>	<u>N</u>	
<u>18.E.163</u>	<u>Henry Cal 1X Fixed Price ICE Lots Options</u>	<u>HHB</u>	<u>2,500</u>	<u>MMBtu</u>	<u>8,000</u>	<u>24,000</u>	<u>48,000</u>	<u>H</u>		<u>200</u>	<u>Y</u>	

Subchapter 18B - Power

Futures Contracts

Rule	Subject
* * *	
<u>18.B.418</u>	<u>CAISO NP-15 Day-Ahead TB4 Fixed Price Future, 7X</u>
<u>18.B.419</u>	<u>CAISO SP-15 Day-Ahead TB4 Fixed Price Future, 7X</u>
<u>18.B.420</u>	<u>CAISO NP-15 Day-Ahead TB4 Fixed Price Daily Future</u>
<u>18.B.421</u>	<u>CAISO SP-15 Day-Ahead TB4 Fixed Price Daily Future</u>

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18.B.418 CAISO NP-15 Day-Ahead TB4 Fixed Price Future, 7X

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

Contract Symbol: CBT

Settlement Method: Cash settlement

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 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: Average of Reference Price A prices

REFERENCE PRICE A: ELECTRICITY-CAISO-NP15- DAY AHEAD

- a) **Ref Price A - Description:** "ELECTRICITY-CAISO-NP15-DAY AHEAD" 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 California ISO at <http://oasis.caiso.com/mrioasis/logon.do>, under the headings "Prices: Locational Marginal Prices (LMP): P/APNode ID: TH NP15 GEN-APND: Market: DAM" 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:** For each calendar day, Monday-Sunday, the average of LMPs for the four highest priced hours, minus the average of LMPs for the four lowest priced hours for all hours ending 0100-2400 PPT
- d) **Ref Price A - Pricing calendar:** CAISO
- e) **Ref Price A - Delivery Date:** Contract Period

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

MIC: IFED

Clearing Venue: ICEU

18.B.419 CAISO SP-15 Day-Ahead TB4 Fixed Price Future, 7X

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

Contract Symbol: CBU

Settlement Method: Cash settlement

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 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: Average of Reference Price A prices

REFERENCE PRICE A: ELECTRICITY-CAISO-SP15- DAY AHEAD

- a) **Ref Price A - Description:** "ELECTRICITY-CAISO-SP15-DAY AHEAD" 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 California ISO at <http://oasis.caiso.com/mrioasis/logon.do>, under the headings "Prices: Locational Marginal Prices (LMP): P/APNode ID: TH_SP15 GEN-APND: Market: DAM" 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:** For each calendar day, Monday-Sunday, the average of LMPs for the four highest priced hours, minus the average of LMPs for the four lowest priced hours for all hours ending 0100-2400 PPT
- d) **Ref Price A - Pricing calendar:** CAISO
- e) **Ref Price A - Delivery Date:** Contract Period

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

MIC: IFED

Clearing Venue: ICEU

18.B.420 CAISO NP-15 Day-Ahead TB4 Fixed Price Daily Future

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

Contract Symbol: CBV

Settlement Method: Cash settlement

Contract Size: 4 MWh

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 365 consecutive daily contracts periods, or as otherwise determined by the Exchange

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

Final Settlement: Average of Reference Price A prices

REFERENCE PRICE A: ELECTRICITY-CAISO-NP15- DAY AHEAD

- a) **Ref Price A - Description:** "ELECTRICITY-CAISO-NP15-DAY AHEAD" 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 California ISO at <http://oasis.caiso.com/mrioasis/logon.do>, under the headings "Prices: Locational Marginal Prices (LMP): P/APNode ID: TH NP15 GEN-APND: Market: DAM" 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:** The average of LMPs for the four highest priced hours, minus the average of LMPs for the four lowest priced hours for all hours ending 0100-2400 PPT
- d) **Ref Price A - Pricing calendar:** CAISO
- e) **Ref Price A - Delivery Date:** Contract Period

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

MIC: IFED

Clearing Venue: ICEU

18.B.421 CAISO SP-15 Day-Ahead TB4 Fixed Price Daily Future

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

Contract Symbol: CBW

Settlement Method: Cash settlement

Contract Size: 4 MWh

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 365 consecutive daily contracts periods, or as otherwise determined by the Exchange

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

Final Settlement: Average of Reference Price A prices

REFERENCE PRICE A: ELECTRICITY-CAISO-SP15- DAY AHEAD

- a) **Ref Price A - Description:** "ELECTRICITY-CAISO-SP15-DAY AHEAD" 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 California ISO at <http://oasis.caiso.com/mrioasis/logon.do>, under the headings "Prices: Locational Marginal Prices (LMP): P/APNode ID: TH_SP15_GEN-APND: Market: DAM" 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:** The average of LMPs for the four highest priced hours, minus the average of LMPs for the four lowest priced hours for all hours ending 0100-2400 PPT
- d) **Ref Price A - Pricing calendar:** CAISO
- e) **Ref Price A - Delivery Date:** Contract Period

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

MIC: IFED

Clearing Venue: ICEU

Subchapter 18D – Physical Environmental Futures Contracts

Rule	Subject
	* * *
18.D.011	Regional Greenhouse Gas Initiative Future
18.D.022	California Carbon Allowance Future - Vintage 2019 and After
18.D.024	California Carbon Allowance Specific Vintage Future
18.D.068	Washington Carbon Allowance Future Vintage 2024 and After
18.D.070	Washington Carbon Allowance Specific Vintage Future

* * *

18.D.011 Regional Greenhouse Gas Initiative Future

Contract Description: Monthly physically delivered contract on Regional Greenhouse Gas Initiative ("RGGI") CO₂ allowances ("RGGI CO₂ Allowances").

Contract Symbol: Vintage 2018: RGQ, Vintage 2019: RGR, Vintage 2020: RGS, Vintage 2021: RGT, Vintage 2022: RGU, Vintage 2023: RJ3, Vintage 2024: RJ4, Vintage 2025: RJ5, Vintage 2026: RJ6

Settlement Method: Physical delivery

Contract Size: 1,000 RGGI CO₂ Allowances

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be One cent (\$0.01) per RGGI CO₂ 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. The last weekday of December is not considered a Business Day, unless otherwise determined and announced by the Exchange.

Deliverable Instruments: The deliverable instruments are RGGI CO₂ Allowances equal to the contract size delivered through the RGGI CO₂ Allowance Tracking System ("RGGI-COATS").

1. Contracts with a control period specific vintage: RGGI CO₂ Allowances acceptable for delivery are those having a vintage usable for compliance in the control period associated with the calendar year of the contract expiration or RGGI CO₂ Allowances having a vintage usable for compliance in any prior control period.

2. For vintages 2009, 2010, 2011, and 2012: RGGI CO₂ Allowances acceptable for delivery are RGGI CO₂ Allowances having a vintage corresponding to the specified vintage-year.

For Vintage 2013 and later vintages, RGGI CO₂ Allowances acceptable for delivery are RGGI CO₂ Allowances having a vintage corresponding to the specified vintage-year and allowances having a vintage of any year prior to the specified vintage-year.

Registry: RGGI-COATS

MIC CODE: IFED

CLEARING VENUE: ICEU

18.D.022 California Carbon Allowance Future - Vintage 2019 and After

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: CAY: Vintage 2020, CAZ: Vintage 2021, CB0: Vintage 2022, CB1: Vintage 2023, CB4: Vintage 2024, CB5: Vintage 2025; CB6: Vintage 2026, CB7: Vintage 2027, CB8: Vintage 2028

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. The last weekday of December is not considered a Business Day, unless otherwise determined and announced by the Exchange.

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 and allowances having a vintage of any year prior to the specified vintage-year.

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 VENUE: ICEU

18.D.024 California Carbon Allowance Specific Vintage 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: CC0: CCAS Vintage 2020, CCI: Vintage 2021, CC2: Vintage 2022, CC3: Vintage 2023, CC4: Vintage 2024, CCT: Vintage 2025; CCU: Vintage 2026; CCV: Vintage 2027; CCW: Vintage 2028

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. The last weekday of December is not considered a Business Day, unless otherwise determined and announced by the Exchange.

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 VENUE: ICEU

18.D.068 Washington Carbon Allowance Future Vintage 2024 and After

Contract Description: Physically delivered greenhouse gas emissions allowances where each is an allowance issued by the Washington Department of Ecology ("Washington Carbon Allowance") representing one metric ton of CO₂ equivalent under Chapter 173-446 WAC of the Climate Commitment Act and its associated regulations, rules and amendments, all together known as the "Washington Cap and Invest Program".

Contract Symbol: WCB: Vintage 2024; WCC: Vintage 2025; WCD: Vintage 2026; WCE: Vintage 2027; WCF: Vintage 2028

Settlement Method: Physical Delivery

Contract Size: 1,000 Washington 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. The last weekday of December is not considered a Business Day, unless otherwise specified by the Exchange.

Deliverable Instruments: The deliverable instruments are Washington Carbon Allowances equal to the contract size delivered through the Compliance Instrument Tracking System Service ("CITSS").

Washington 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 Washington Cap and Invest 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 Washington CITSS Registry at contract expiry, allowances of any prior vintage year or allowances of the earliest vintage year available in the Washington CITSS Registry shall be delivered.

MIC Code: IFED

Clearing Venue: ICEU

Registry: Washington CITSS Registry

18.D.070 Washington Carbon Allowance Specific Vintage Future

Contract Description: Physically delivered greenhouse gas emissions allowances where each is an allowance issued by the Washington Department of Ecology ("Washington Carbon Allowance") representing one metric ton of CO₂ equivalent under Chapter 173-446 WAC of the Climate Commitment Act and its associated regulations, rules and amendments, all together known as the "Washington Cap and Invest Program".

Contract Symbol: Vintage 2026: WSD; Vintage 2027: WSE; Vintage 2028: WSF

Settlement Method: Physical Delivery

Contract Size: 1,000 Washington 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. The last weekday of December is not considered a Business Day, unless otherwise specified by the Exchange.

Deliverable Instruments: The deliverable instruments are Washington Carbon Allowances equal to the contract size delivered through the Compliance Instrument Tracking System Service ("CITSS").

Washington 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 Washington Cap and Invest Program having a vintage corresponding to the specified vintage year only.

MIC Code: IFED

Clearing Venue: ICEU

Registry: Washington CITSS Registry

Subchapter 18E – Energy Options Contracts

Rule	Subject
	* * *
18.E.148	Option on California Carbon Allowance Future Vintage (Futures Style Margining)
18.E.155	Option on Regional Greenhouse Gas Initiative Future Vintage 2022 (Futures Style Margining)
18.E.160	Option on Washington Carbon Allowance Vintage 2024 Future
18.E.161	<u>Option on NYISO Zone G Day-Ahead Peak Calendar Year One Time Fixed Price Future</u>
18.E.162	<u>Option on NYISO Zone A Day-Ahead Peak Calendar Year One Time Fixed Price Future</u>
18.E.163	<u>Henry Cal 1X Fixed Price ICE Lots Options</u>

* * *

18.E.148 Option on California Carbon Allowance Future Vintage (Futures Style Margining)

Description: A Futures Style Margin (FSM) Option on the corresponding month of the California Carbon Allowance Future.

Contract Symbol: FSF: Vintage 2020; FSG: Vintage 2021; FSH: Vintage 2022; FSI: Vintage 2023; CB4: Vintage 2024; CB5: Vintage 2025; CB6: Vintage 2026

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

Option Premium: Futures Style

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.155 Option on Regional Greenhouse Gas Initiative Future Vintage 2022 (Futures Style Margining)

Description: A Futures Style Margin (FSM) Option on the corresponding month of the Regional Greenhouse Gas Initiative Future

Contract Symbol: RHA: Vintage 2022, RHB: Vintage 2023, Vintage 2024: RJ4, Vintage 2025: RJ5

Settlement Method: Exercise into Underlying 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; 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.

Options Style: European

Options Premium: Futures Style

Exercise: 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.160 Option on Washington Carbon Allowance Vintage 2024 Future

Description: A Futures Style Margin (FSM) Option on the corresponding month of the Washington Carbon Allowance Future.

Contract Symbol: WCB: Vintage 2024; WCC: Vintage 2025

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 1 Washington 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

Option Premium: Futures Style

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

Registry: Washington CITSS Registry

MIC Code: IFED

Clearing Venue: ICEU

18.E.161 Option On NYISO Zone G Day-Ahead Peak Calendar One Time 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: NSG

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: The 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, summing 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-NYISO-ZONE G (HUD VL)-DAY AHEAD-PEAK MONTHLY-ICE

- a) **Description:** "ELECTRICITY-NYISO ZONE G-DAY AHEAD-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 NYISO ZONE G Day-Ahead Peak Fixed Price 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: IFED

Clearing Venue: ICEU

18.E.162 Option On NYISO Zone A Day-Ahead Peak Calendar One Time 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: NSA

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: The 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, summing 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-NYISO-ZONE A (WEST)-DAY AHEAD-PEAK MONTHLY-ICE

- a) **Description:** "ELECTRICITY-NYISO ZONE A-DAY AHEAD-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 NYISO ZONE A Day-Ahead Peak Fixed Price 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: IFED

Clearing Venue: ICEU

18.E.163 Henry Cal 1X Fixed Price ICE Lots Options

Contract Description: An Option on a basket of yearly Contract Periods, January-December, of the Underlying ICE Lots Futures 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.

Trading Screen Product Name: Natural Gas NYMEX LD1 ICE Lots Futures

Trading Screen Hub Name: Henry Cal 1X

Contract Symbol: HHB

Settlement Method: Exercise into Underlying Futures Contract

Contract Size: 2500 MMBtu

Currency: USD

Minimum Price Fluctuation: The price quotation convention shall be one hundredth of 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 10 consecutive January - December yearly Contract Periods, or as otherwise determined by the Exchange.

Last Trading Day: At 2:30pm EPT on the sixth Business Day 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: The Last Trading Day

Automatic Exercise Provisions: Options which are "in the money", with respect to 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.

If the option is "out of the money", then it expires automatically.

REFERENCE PRICE A: NATURAL GAS-ICE

- a) **Description:** "NATURAL GAS-ICE" means that the price for a Pricing Date will be that day's Specified Price per MMBtu of natural gas on ICE of the Henry Hub Natural Gas Futures Contract for the Delivery Date, stated in U.S. Dollars, as made public by ICE on that Pricing Date
- b) **Pricing Date:** Three Business Days prior to the last scheduled trading day of the ICE Henry Hub Natural Gas Futures Contract for the Contract Period in the basket
- c) **Specified Price:** Settlement Price

d) **Pricing calendar: NYMEX**

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

Strike Price Listing: A minimum of 10 Strike Prices in increments of \$1.00 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.

MIC: IFED

Clearing Venue: ICEU

SUBCHAPTER 19A - OUTRIGHT-CRUDE OIL AND REFINED PRODUCTS

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<u>19.A.79</u>	<u>Biodiesel Outright - Los Angeles RD 99% (OPIS) Future</u>
<u>19.A.80</u>	<u>Biodiesel Outright - Los Angeles SAF 99% (OPIS) Future</u>
<u>19.A.81</u>	<u>Fuel Oil Outright - US Gulf Coast Asphalt (Argus) Future</u>
<u>19.A.82</u>	<u>Fuel Oil Outright - US Atlantic Coast Asphalt (Argus) Future</u>
<u>19.A.83</u>	<u>Fuel Oil Outright - US Midcontinent Asphalt (Argus) Future</u>
<u>19.A.84</u>	<u>Diesel Outright - Los Angeles CARB Diesel (OPIS) Future</u>
<u>19.A.85</u>	<u>Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) Future</u>
<u>19.A.86</u>	<u>Biodiesel Outright - Los Angeles Jet (OPIS) Future</u>
<u>19.A.87</u>	<u>Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) 1st Line Future</u>

* * *

19.A.79 Biodiesel Outright - Los Angeles RD 99% (OPIS) Future

Description: A monthly cash settled future based on the OPIS daily assessment price for Los Angeles Renewable Diesel 99%.

Contract Symbol: RD1

Contract Size: 1,000 barrels (42,000 gallons)

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per gallon

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the average of the “Average” quotations appearing in the “OPIS Biofuels Daily Report” report under the heading “Renewable Diesel”, subheading “Spot Renewable Diesel Assessment” for “Los Angeles” and “RD 99%” for each business day (as specified below) in the determination period.

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

Business Days: Publication days for OPIS Biofuels Daily Report

MIC: IFED

Clearing Venue: ICEU

19.A.80 Biodiesel Outright - Los Angeles SAF 99% (OPIS) Future

Description: A monthly cash settled future based on the OPIS daily assessment price for Los Angeles Sustainable Aviation Fuel 99%.

Contract Symbol: SAH

Contract Size: 1,000 barrels (42,000 gallons)

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per gallon

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the average of the “Average” quotations appearing in the “OPIS Biofuels Daily Report” report under the heading “Sustainable Aviation Fuel”, subheading “Spot Sustainable Aviation Fuel Assessment” for “Los Angeles” and “SAF 99%” for each business day (as specified below) in the determination period.

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

Business Days: Publication days for OPIS Biofuels Daily Report

MIC: IFED

Clearing Venue: ICEU

19.A.81 Fuel Oil Outright - Argus US Gulf Coast Asphalt Future

Description: A monthly cash settled future based on the Argus weekly assessment price for US Gulf Coast Waterborne Asphalt.

Contract Symbol: BIT

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per barrel

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per barrel

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per barrel

Last Trading Day: Last Friday of the contract month. If such Friday is not a business day then the Last Trading Day will be the business day prior that is the same as the publication date of Argus Americas Asphalt report.

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 mean of the “High” and “Low” quotations appearing in the “Argus Americas Asphalt” report under the heading “US Gulf Coast” subheading “Asphalt” for “Waterborne, fob” and “Asphalt” for each business day (as specified below) in the determination period.

conversion factor: 1 short ton = 5.6 barrels

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

Business Days: Publication days for Argus Americas Asphalt

MIC: IFED

Clearing Venue: ICEU

19.A.82 Fuel Oil Outright - Argus US Atlantic Coast Asphalt Future

Description: A monthly cash settled future based on the Argus weekly assessment price for New England Waterborne Asphalt.

Contract Symbol: NEA

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per barrel

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per barrel

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per barrel

Last Trading Day: Last Friday of the contract month. If such Friday is not a business day then the Last Trading Day will be the business day prior that is the same as the publication date of Argus Americas Asphalt report.

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 mean of the “High” and “Low” quotations appearing in the “Argus Americas Asphalt” report under the heading “US Atlantic Coast” subheading “Asphalt” for “Waterborne, cif” and “New England” for each business day (as specified below) in the determination period.

conversion factor: 1 short ton = 5.6 barrels

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

Business Days: Publication days for Argus Americas Asphalt

MIC: IFED

Clearing Venue: ICEU

19.A.83 Fuel Oil Outright - Argus US Midcontinent Asphalt Future

Description: A monthly cash settled future based on the Argus weekly assessment price for US Midcontinent Rail Asphalt.

Contract Symbol: MWR

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per barrel

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per barrel

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per barrel

Last Trading Day: Last Friday of the contract month. If such Friday is not a business day then the Last Trading Day will be the business day prior that is the same as the publication date of Argus Americas Asphalt report.

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 mean of the “High” and “Low” quotations appearing in the “Argus Americas Asphalt” report under the heading “US Midcontinent” subheading “Asphalt” for “Rail, fob” and “Asphalt” for each business day (as specified below) in the determination period.

conversion factor: 1 short ton = 5.6 barrels

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

Business Days: Publication days for Argus Americas Asphalt

MIC: IFED

Clearing Venue: ICEU

19.A.84 Diesel Outright - Los Angeles CARB Diesel (OPIS) Future

Description: A monthly cash settled future based on the OPIS daily assessment price for Los Angeles CARB Diesel.

Contract Symbol: CBD

Contract Size: 1,000 barrels (42,000 gallons)

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per gallon

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the average of the “Mean” quotations appearing in the “OPIS West Coast Spot Market Report” report under the heading “Los Angeles”, subheading “Physical Prices” for “CARB No. 2” for each business day (as specified below) in the determination period.

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

Business Days: Publication days for OPIS West Coast Spot Market Report

MIC: IFED

Clearing Venue: ICEU

19.A.85 Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) Future

Description: A monthly cash settled future based on the OPIS daily assessment price for Los Angeles CARBOB Gasoline.

Contract Symbol: CAG

Contract Size: 1,000 barrels (42,000 gallons)

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per gallon

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the average of the “Mean” quotations appearing in the “OPIS West Coast Spot Market Report” report under the heading “Los Angeles”, subheading “Physical Prices” for “CARBOB-R” for each business day (as specified below) in the determination period.

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

Business Days: Publication days for OPIS West Coast Spot Market Report

MIC: IFED

Clearing Venue: ICEU

19.A.86 Jet Fuel Outright - Los Angeles Jet (OPIS) Future

Description: A monthly cash settled future based on the OPIS daily assessment price for Los Angeles Jet

Contract Symbol: JEO

Contract Size: 1,000 barrels (42,000 gallons)

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per gallon

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the average of the “Mean” quotations appearing in the “OPIS West Coast Spot Market Report” report under the heading “Los Angeles”, subheading “Physical Prices” for “Jet” for each business day (as specified below) in the determination period.

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

Business Days: Publication days for OPIS West Coast Spot Market Report

MIC: IFED

Clearing Venue: ICEU

19.A.87 Diesel Diff - Los Angeles CARB Diesel (OPIS) vs Heating Oil 1st Line Future

Description: A monthly cash settled future based on the difference of the OPIS daily assessment price for Los Angeles Carb Diesel and the ICE settlement price for Heating Oil 1st Line Future.

Contract Symbol: HOH

Contract Size: 1,000 barrels (42,000 gallons)

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per gallon

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the average of the “Mean” quotations appearing in the “OPIS West Coast Spot Markert Report” report under the heading “Los Angeles”, subheading “Physical Prices” for “CARB No.2” and the average of the settlement prices as made public by NYMEX for the front month NY Harbor ULSD Future for each business day (as specified below) in the determination period.

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

Business Days: Publication days for OPIS West Coast Spot Market Report

MIC: IFED

Clearing Venue: ICEU

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

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<u>19.C.155</u>	<u>Crude Oil Diff - ICE CLK EDM 1a Index Future</u>
<u>19.C.156</u>	<u>Biofuel Diff - RBD Soybean Oil Basis (Fastmarkets) Future</u>
<u>19.C.157</u>	<u>Biodiesel Diff - Los Angeles RD 99% (OPIS) vs NYH Heating Oil 1st Line Future</u>
<u>19.C.158</u>	<u>Biodiesel Diff - Los Angeles SAF 99% (OPIS) vs NYH Heating Oil 1st Line Future</u>
<u>19.C.159</u>	<u>Refined Diff - Los Angeles Jet (OPIS) vs NYH Heating Oil 1st Line Future</u>
<u>19.C.160</u>	<u>Crude Diff - ICE HITAN EDM 1a Index Future</u>

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19.C.155 Crude Oil Diff - ICE CLK EDM 1a Index Future

Description: A monthly cash settled future based on the ICE Cold Lake Edmonton 1a Monthly Volume Weighted Average Price Index (ICE CLK EDM 1a). The ICE CLK EDM 1a Index is expressed as a differential to the NYMEX WTI 1st Line Future (Calendar Month Average).

Contract Symbol: CLE

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 hundredth of one cent (\$0.0001) per barrel

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per barrel

Last Trading Day: Trading shall cease one Canadian business day prior to the Notice of Shipments (NOS) date on the Enbridge Pipeline. The NOS date occurs on or about the 20th calendar day of the month, subject to confirmation by Enbridge Pipeline. The official schedule for the NOS dates will be made publicly available by Enbridge Pipeline prior to the start of each year.

Final Settlement Price: A price in USD and cents per barrel based on the ICE CLK EDM 1a Index, as published by ICE-NGX. The index pricing period for each contract month begins on the first Canadian business day of the calendar month prior to the contract month and ends on the Canadian business day prior to the NOS date (as published by Enbridge) in the same calendar month.

Contract Series: Up to 60 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 ICE-NGX Crude Oil Markets

MIC: IFED

Clearing Venue: ICEU

19.C.156 Biodiesel Diff - RBD Soybean Oil Basis (Fastmarkets) Future

Description: A monthly cash settled future based on the Fastmarkets daily assessment price for Soybean Oil (RBD) Basis.

Contract Symbol: SYB

Contract Size: 60,000 pounds

Unit of Trading: Any multiple of 60,000 pounds

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per pound

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per pound

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per pound

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per pound based on the average of the “Latest Price” quotations appearing in the “Fastmarkets The Jacobsen” report under the heading “Soybean Oil (RBD) (cents/lb), subheading “Basis” for “Central Illinois” for each business day (as specified below) in the determination period.

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

Business Days: Publication days for Fastmarkets The Jacobsen Report

MIC: IFED

Clearing Venue: ICEU

19.C.157 Biodiesel Diff - Los Angeles RD 99% (OPIS) vs Heating Oil 1st Line Future

Description: A monthly cash settled future based on the difference between the OPIS daily assessment price for Los Angeles Renewable Diesel 99% and the ICE settlement price for Heating Oil 1st Line Future.

Contract Symbol: RDO

Contract Size: 1,000 barrels (42,000 gallons)

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per gallon

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the average of the “Average” quotations appearing in the “OPIS Biofuels Daily Report” report under the heading “Renewable Diesel”, subheading “Spot Renewable Diesel Assessment” for “Los Angeles” and “RD 99%” and the average of the settlement prices as made public by NYMEX for the front month NY Harbor ULSD Future for each business day (as specified below) in the determination period.

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

Business Days: Publication days for OPIS Biofuels Daily Report

MIC: IFED

Clearing Venue: ICEU

19.C.158 Biodiesel Diff - Los Angeles SAF 99% (OPIS) vs Heating Oil 1st Line Future

Description: A monthly cash settled future based on the difference of the OPIS daily assessment price for Los Angeles Sustainable Aviation Fuel 99% and the ICE settlement price for Heating Oil 1st Line Future.

Contract Symbol: SAD

Contract Size: 1,000 barrels (42,000 gallons)

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per gallon

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the average of the “Average” quotations appearing in the “OPIS Biofuels Daily Report” report under the heading “Sustainable Aviation Fuel”, subheading “Spot Sustainable Aviation Fuel Assessment” for “Los Angeles” and “SAF 99%” and the settlement prices as made public by NYMEX for the front month NY Harbor ULSD Future for each business day (as specified below) in the determination period.

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

Business Days: Publication days for OPIS Biofuels Daily Report

MIC: IFED

Clearing Venue: ICEU

19.C.159 Jet Fuel Diff - Los Angeles Jet (OPIS) vs Heating Oil 1st Line Future

Description: A monthly cash settled future based on the difference of the OPIS daily assessment price for Los Angeles Jet and the ICE settlement price for Heating Oil 1st Line Future.

Contract Symbol: JXH

Contract Size: 1,000 barrels (42,000 gallons)

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Settlement Price Quotation: One hundredth of one cent (\$0.0001) per gallon

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per gallon

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per gallon based on the average of the “Mean” quotations appearing in the “OPIS West Coast Spot Markert Report” report under the heading “Los Angeles”, subheading “Physical Prices” for “Jet and the average of the settlement prices as made public by NYMEX for the front month NY Harbor ULSD Future for each business day (as specified below) in the determination period.

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

Business Days: Publication days for OPIS West Coast Spot Market Report

MIC: IFED

Clearing Venue: ICEU

19.C.160 Crude Diff - ICE HITAN EDM 1a Index Future

Description: A monthly cash settled future based on the ICE HITAN Edmonton 1a Monthly Volume Weighted Average Price Index (ICE HITAN EDM 1a). The ICE HITAN EDM 1a Index is expressed as a differential to the NYMEX WTI 1st Line Future (Calendar Month Average).

Contract Symbol: HTN

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 hundredth of one cent (\$0.0001) per barrel

Minimum Price Fluctuation: One hundredth of one cent (\$0.0001) per barrel

Last Trading Day: Trading shall cease one Canadian business day prior to the Notice of Shipments (NOS) date on the Enbridge Pipeline. The NOS date occurs on or about the 20th calendar day of the month, subject to confirmation by Enbridge Pipeline. The official schedule for the NOS dates will be made publicly available by Enbridge Pipeline prior to the start of each year.

Final Settlement Price: A price in USD and cents per barrel based on the ICE HITAN EDM 1a Index, as published by ICE-NGX. The index pricing period for each contract month begins on the first Canadian business day of the calendar month prior to the contract month and ends on the Canadian business day prior to the NOS date (as published by Enbridge) in the same calendar month.

Contract Series: Up to 60 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 ICE-NGX Crude Oil Markets

MIC Code: IFED

Clearing Venue: ICEU

[REMAINDER OF RULEBOOK UNCHANGED]

EXHIBIT B
[REDACTED]