



Submission No. 24-42  
April 5, 2024

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

**Re: New Biodiesel Diff - Los Angeles RD 99% (OPIS) vs NYH Heating Oil 1st Line Future and Related Amendments (12 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”) submits, by written certification, 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. The new rules and amendments provide for 24 new futures and six new option on futures contracts, which will be listed 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 this submission is received by the Commission.

### **Financial Gas Option on Futures Contract**

#### a. Henry Cal 1X Fixed Price ICE Lots Options

The Exchange is listing one new European-style option on futures contract relating to the price of natural gas at Henry Hub. The Henry Cal 1X Fixed Price ICE Lots Option is an option on a basket of yearly contract periods, January through December, of the Henry LD1 Fixed Price Future. For purposes of the Exchange’s option on futures contract, 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. The contract size for the option is 2,500 MMBtu, which is consistent with other Financial Gas option on futures contracts listed by the Exchange. The contract will cease trading at 2:30pm on the sixth business day prior to the first calendar day of the first contract period in the basket. The options on futures will be automatic only and no manual exercise or abandon will be permitted. Options which are “in the money,” with respect to the reference price, 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 an option position is “out of the money,” the position will expire automatically.

The contract size, minimum price fluctuation, 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 option on futures contracts listed by the Exchange. The new contract is block eligible. The minimum block trade size has been set consistent

with existing Financial Gas option on futures contracts. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. New Exchange Rule 18.E.163 lists the new option on futures contract. The Exchange has set spot month position limits, single and all month accountability levels for such contract consistent with the spot month position limits for the Henry LD1 Fixed Price Future, with which its positions will be aggregated. Additionally, it is the Exchange's good faith belief that the above-referenced Financial Gas option on futures contract meets the definition of *referenced contract* as prescribed in CFTC Regulation §150.1.

### **Financial Power Futures and Option on Futures Contracts**

#### a. CAISO NP-15 and SP-15 TB4 Daily and Monthly Futures

The Exchange is listing four new Financial Power contracts which are daily and monthly cash settled futures contracts based upon the mathematical average of daily prices calculated by averaging the hourly electricity prices published by California ISO ("CAISO") for the NP-15 or SP-15 price hubs, as applicable. CAISO NP-15 Day-Ahead TB4 Fixed Price Future, 7X and the CAISO NP-15 Day-Ahead TB4 Fixed Price Daily Future reference electricity prices at the NP-15 price hub, while the CAISO SP-15 Day-Ahead TB4 Fixed Price Future, 7X and CAISO SP-15 Day-Ahead TB4 Fixed Price Daily Future contracts reference electricity prices at the SP-15 price hub. The monthly contracts will cease trading on the last business day of the contract period and will cash settle to a price, for each calendar day relevant to each of the futures contracts, Monday-Sunday, the average of Locational Marginal Prices ("LMP") for the four highest priced hours, minus the average of LMPs for the four lowest priced hours for all hours ending 0100-2400 PPT. The daily contracts will cease trading on the last business day prior to the contract period and will cash settle to a price, for the relevant calendar day, 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. These futures contracts supplement the Exchange's current offering of Financial Power futures and option on futures contracts related to the NP-15 and SP-15 price hubs.

#### b. Option on Calendar Year One Time Fixed Price Futures

The Exchange is listing two new European-style calendar year one-time option on futures contracts based on the price of futures contracts currently listed by the Exchange. The Option on NYISO Zone G Day-Ahead Peak Calendar Year One Time Fixed Price Future and Option on NYISO Zone A Day-Ahead Peak Calendar Year One Time Fixed Price Future are options on a basket of yearly contract periods, January-December, of the corresponding underlying futures contracts, in this instance, NYISO Zone G Day-Ahead Peak Fixed Price Futures and NYISO Zone A Day-Ahead Peak Fixed Price Futures. For purposes of these Exchange options, the term "One Time Option" shall mean that the option will exercise in each of the contract periods of the underlying futures contracts in the basket using a single reference price, as defined in the contract specifications, but generally relates to the price of electricity at the Zone A and Zone G price hubs. The contract sizes are consistent with the underlying futures: 1 MW. The contracts will cease trading at 2:30pm EPT on the second Friday prior to the first calendar day of the first Contract Period in the basket. At exercise time, options which are "in the money," with respect to the weighted average of the underlying futures contract, will exercise automatically into futures contracts with contract prices equal to the strike price. The options on futures will be automatic exercise only and no manual exercise or abandon will be permitted.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, where applicable, 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 futures and option on futures contracts listed by the Exchange. The new contracts are block eligible. The minimum block trade size has been set consistent with existing Financial Power futures and option on futures contracts. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. New Exchange Rules 18.B.418-18.B.421 and

18.E.161-18.E.162 list the new futures and option on futures contracts. The Exchange has set position limits and single month and all-months-combined accountability levels consistent with Exchange futures that reference the NP-15, SP-15, Zone A or Zone G price hubs. Positions held in the NP-15 and SP-15 daily contracts will be aggregated with positions held in the NP-15 and SP-15 monthly contracts, respectively, for purposes of position limits and single month and all-months-combined accountability. Positions held in the Zone A and Zone G option on futures contracts will be aggregated with positions held in the relevant underlying futures contracts. Additionally, it is the Exchange's good faith belief that the above-referenced Financial Power futures and option on futures contracts do not meet the definition of *referenced contract* as prescribed in CFTC Regulation §150.1.

### **Physical Environmental Futures and Option on Futures Contracts**

#### a. Washington Carbon Allowances Vintage 2028 Futures

Washington Carbon Allowance ("WCA") futures contracts are physically delivered carbon emission allowance futures contracts. The Exchange currently lists WCA futures contracts for the 2023 through 2027 vintage-years. The term "vintage" identifies the compliance year for which an allowance is designated. The contracts call for delivery of WCAs, which are issued by the Washington Department of Ecology and represent one metric ton of CO<sub>2</sub> 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." The deliverable instruments for the new futures contracts are WCA equal to the contract size issued as a limited authorization to emit up to one metric ton of CO<sub>2</sub> or CO<sub>2</sub>-equivalent in the Washington Cap and Invest Program and have a vintage corresponding to the calendar year of the expiring contract or allowances having a vintage of any year prior to the calendar year of the expiring contract. The contract specifications of the new Vintage 2028 (WCF) futures contract will be identical to the existing WCA futures currently listed by the Exchange, which prescribe that the contract will cease trading three business days prior to the last business day of the delivery month, at which time the contract will settle based on physical delivery of the underlying allowances through the Washington Compliance Instrument Tracking System Services ("CITSS") Registry. If the specified vintage year allowances do not exist in 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. For purposes of this contract, the last weekday of December will not be considered a business day, unless otherwise specified by the Exchange. Amendments to Exchange Rule 18.D.068 add the 2028 vintage-year to the suite of existing WCA futures.

#### b. Washington Carbon Allowance Specific Vintage 2028 Futures

The new Washington Carbon Allowance Vintage Specific ("WCAVS") futures contract is a physically delivered carbon emission allowance contract. The Exchange currently lists vintage-specific futures contracts through the 2027 vintage-year, which call for delivery of Washington Carbon Allowances for the applicable vintage-year. The deliverable instruments for the WCAVS contracts are Washington Carbon Allowances issued as a limited authorization to emit up to one metric ton of CO<sub>2</sub> or CO<sub>2</sub>-equivalent in the Washington Cap and Invest Program equal to the contract size, delivered through the Washington CITSS, which have a vintage corresponding to the specific vintage-year only. The contract specifications will be identical to other vintage-specific and Physical Environmental futures contracts currently listed by the Exchange, which prescribe that the contract will cease trading three business days prior to the last business day of the delivery month, at which time will settle based on physical delivery of the underlying vintage year 2028 allowances. For purposes of this contract, the last weekday of December will not be considered a business day, unless otherwise specified by the Exchange. Amendments to Exchange Rule 18.D.070 lists the Washington Carbon Allowance Specific Vintage 2028 Future ("WSF") contract to the suite of existing Washington Carbon Allowance futures.

#### c. Option on Washington Carbon Allowance Vintage 2025 Futures

The Exchange is listing one new option on futures contract calling for the delivery of Washington Carbon Allowances having a vintage of 2025 and allowances having a vintage of any year prior to the 2025 vintage-year. The Exchange currently lists options on WCA futures through the 2024 vintage year. Amendments to Exchange Rule 18.E.160 lists the new option on futures contract. The options are European-style and are based on Vintage 2025 futures contracts listed previously. The new contract will be margined based on futures-style margining, for which the premium for the contracts will be paid in full at maturity, as opposed to equity-style margining. The options will expire at 4:00 p.m. (EPT) on the 15<sup>th</sup> calendar day of the delivery month. If the 15<sup>th</sup> calendar day is not a business day, then the expiry day will be the first business day following the 15<sup>th</sup> calendar day of the delivery month, consistent with other Physical Environmental option on futures contracts.

d. California Carbon Allowance Vintage 2028 Futures

California Carbon Allowance (“CCA”) futures contracts are physically delivered carbon emission allowance futures contracts. The Exchange currently lists futures contracts through the 2027 vintage-year. The term “vintage” identifies the compliance year for which an allowance is designated. The deliverable instruments for the existing CCA contracts are California Carbon Allowances issued as a limited authorization to emit up to one metric ton of CO<sub>2</sub> or CO<sub>2</sub>-equivalent in the California Cap and Trade Program 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. The contract specifications will be identical to other CCA vintage futures contracts currently listed by the Exchange, which prescribe that the contract will cease trading three business days prior to the last business day of the delivery month, at which time the contract will settle based on physical delivery of the underlying allowances. For purposes of this contract, the last weekday of December will not be considered a business day, unless otherwise specified by the Exchange. Amendments to Exchange Rule 18.D.022 add the 2028 vintage-year to the suite of existing CCA futures.

e. California Carbon Allowance Specific Vintage 2028 Futures

California Carbon Allowance Vintage Specific (“CCAVS”) futures contracts are physically delivered carbon emission allowance contracts. The Exchange currently lists vintage-specific futures contracts through the 2027 vintage-year. The deliverable instruments for the existing CCAVS contracts are California Carbon Allowances issued as a limited authorization to emit up to one metric ton of CO<sub>2</sub> or CO<sub>2</sub>-equivalent in the California Cap and Trade Program equal to the contract size, delivered through the California MTS, which have a vintage corresponding to the specific vintage year only. The contract specifications will be identical to other CCA vintage futures contracts currently listed by the Exchange, which prescribe that the contract will cease trading three business days prior to the last business day of the delivery month, at which time will settle based on physical delivery of the underlying vintage year 2028 allowances. For purposes of this contract, the last weekday of December will not be considered a business day, unless otherwise specified by the Exchange. Amendments to Exchange Rule 18.D.024 list the 2028 Vintage Specific futures contract to the suite of existing CCAVS futures.

f. Regional Greenhouse Gas Initiative Vintage 2026 Futures

The Exchange is listing one new futures contract calling for the delivery of Regional Greenhouse Gas Initiative CO<sub>2</sub> Allowances having a vintage of 2025 and allowances having a vintage of any year prior to the 2026 vintage year. The amendments to Exchange Rule 18.D.011 include the new 2026 vintage to the available RGGI futures markets. The contract specifications are similar to other Physical Environmental futures contracts currently listed by the Exchange, which prescribe that the Last Trading Day for the contracts shall be the third business day prior to the last business day of the delivery month, at which time the contracts will settle based on physical delivery of the underlying RGGI allowances. For purposes of this contract, the last weekday of December will not be considered a business day, unless otherwise specified by the Exchange.

The contract sizes, minimum price fluctuations, Interval Price Limits (IPLs) and IPL recalculation times, where applicable, 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 futures and option on futures contracts listed by the Exchange. The new contracts are block eligible. The minimum block trade sizes have been set consistent with existing Physical Environmental futures and option on futures contracts. The listing cycle and other relevant specifications are provided in the contract specifications in Exhibit A. Amendments to Rules 18.D.011, 18.D.022, 18.D.024, 18.D.068, 18.D.070, 18.E.148, 18.E.155, and 18.E.160 list the aforementioned new vintages of existing Physical Environmental futures and option on futures contracts. Spot month position limits and single and all-months-combined accountability levels have been set consistent with existing products that reference Washington Carbon Allowances, California Carbon Allowances, or Regional Greenhouse Gas Initiative futures. Option on futures contracts will be aggregated with the futures contract underlying such option on futures for purposes of position limits and single and all-months-combined accountability. Additionally, it is the Exchange's good faith belief that the above-referenced Physical Environmental futures and option on futures contracts do not meet the definition of *referenced contract* as prescribed in CFTC Regulation §150.1.

### **Oil Americas Futures Contracts**

#### a. Crude Oil Differentials - ICE CLK EDM and ICE HITAN EDM

The Crude Diff - ICE CLK EDM 1a Index Future ("CLE") is 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 value of West Texas Intermediate ("WTI") crude oil. The final settlement price for the CLE contract will be 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 Notice of Shipments ("NOS") date (as published by Enbridge) in the same calendar month. The contract size for CLE contracts will be equivalent to 1,000 barrels. The contract will cease trading on one Canadian business day prior to the 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. Generally, the CLE contract will reflect the market premium (or discount) between the value of WTI, a US light sweet crude oil blend, and the value of crude oil extracted from oil sand deposits in the Cold Lake basin of Alberta, Canada destined to flow on Enbridge Transfer, Cold Lake Pipeline, or Trans Mountain Pipeline.

The Crude Diff - ICE HITAN EDM 1a Index Future ("HTN") is a monthly cash settled future based on the ICE HITAN Edmonton 1a Monthly Volume Weighted Average Price Index (ICE HITAN EDM 1a). The futures price is expressed as a differential to the value of WTI crude oil. The contract will reach expiry 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. Generally, the HTN futures contract will reflect the values of Canadian High TAN crude streams at Edmonton, Alberta. The crude streams included in the index are Access Western Blend ("AWB"), Western Canadian Dilbit ("WDB"), Surmont Heavy Dilbit ("SHD"), and Kearl Lake ("KDB"). All of these oils are derived from bitumen recovered in Alberta's oil sand basins.

#### b. Renewable Diesel, Sustainable Aviation Fuel, and Jet Futures

The Exchange is listing two new futures contracts based on the price of sustainable aviation fuel. The Biodiesel Outright - Los Angeles SAF 99% (OPIS) Future ("SAH") is a monthly cash settled future based

on the OPIS daily assessment price for Los Angeles Sustainable Aviation Fuel 99%. The contract size will represent 1,000 barrels (42,000 gallons) of Los Angeles Sustainable Aviation Fuel 99%. The contract will cease trading on the last trading day of the contract month, at which time the contract will settle to a price in USD and cents per gallon based on the average of the quotations appearing in the “OPIS Biofuels Daily Report” under the heading “Sustainable Aviation Fuel” subheading “Spot Sustainable Aviation Fuel Assessment” for “Los Angeles” and “SAF 99%” for each business day in the determination period. Additionally, the Biodiesel Diff - Los Angeles SAF 99% (OPIS) vs Heating Oil 1st Line Future (“SAD”) is a monthly cash settled future based on the difference of the OPIS daily assessment price of Los Angeles Sustainable Aviation Fuel 99% and the ICE settlement price for Heating Oil 1st Line Future. The contract size will represent 1,000 barrels (42,000 gallons). The contract will cease trading on the last trading day of the contract month and will settle to a price in USD and cents per gallon based on the average of the “average” quotations appearing in the “OPIS Biofuels Daily 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 in the determination period. In general, these contracts will reflect the value of Sustainable Aviation Fuel (SAF) in Los Angeles, California. SAF is a burgeoning source of aviation fuel globally and has seen exponential growth in domestic production in recent years due to the development of new refining technologies and government incentives. SAF can be produced from renewable feedstocks like solid waste, woody biomass, fats, greases, oils, and other biomass-based feedstocks.

Additionally, the Exchange is listing two new futures contracts based on the price of renewable diesel. The Biodiesel Outright - Los Angeles RD 99% (OPIS) Futures and the Biodiesel Diff - Los Angeles RD 99% (OPIS) vs Heating Oil 1<sup>st</sup> Line Future are cash settled monthly futures contracts based on the OPIS daily assessment price for Los Angeles Renewable Diesel 99%. The contracts will have a size of 1,000 barrels (42,000 gallons) of Los Angeles Renewable Diesel 99%. The contracts will cease trading on the last trading day of the contract month, at which time the contracts will settle to a price in U.S. Dollars and cents per gallon based, for the RD1 contract, 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 in the determination period. The RDO contract, which is priced as a differential to ICE Heating Oil 1<sup>st</sup> Line Future, will cash settle based on 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 in the determination period. In general, these contracts will reflect the value of renewable diesel available for delivery in Los Angeles, California. Renewable Diesel is comprised of hydrocarbon chains that are chemically equivalent to regular, petroleum diesel and can be used as a substitute for such diesel. The contracts supplement the Exchange’s currently listed biofuels futures and option on futures contracts.

Lastly, the Exchange is listing two new futures contracts based on the price of jet aviation fuel. The Jet Fuel Outright - Los Angeles Jet (OPIS) Future and the Jet Fuel Diff - Los Angeles Jet (OPIS) vs Heating Oil 1<sup>st</sup> Line Future are cash settled monthly futures contracts based on the OPIS daily assessment price for Los Angeles Jet fuel. The contracts will have a size of 1,000 barrels (42,000 gallons) of Los Angeles Jet fuel. The contracts will cease trading on the last trading day of the contract month. The JEO contract will settle to 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 in the determination period. The JXH contract, which is priced as a differential to the ICE settlement price for Heating Oil 1<sup>st</sup> Line Future, will cash settle to 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” and the average of the settlement prices as made public by NYMEX for the front month NY Harbor ULSD Future for each business day in the determination period. In general, the contracts will reflect the value of

jet aviation fuel available for delivery in Los Angeles, California. The contracts supplement the Exchange's currently listed Jet fuel futures contracts.

c. Fuel Oil Outrights - Asphalt Futures

The Exchange is listing three new futures based on the price of asphalt. The Fuel Oil Outright - Argus US Midcontinent Asphalt Future ("MWR") is a monthly cash settled future based on the Argus weekly assessment price for US Midcontinent Rail Asphalt. The final settlement price will be a price in USD and cents per barrel based on 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" for each business day in the determination period. The contract will cease trading on the last Friday of the contract month. If such Friday is not a business day, then the contract will cease trading on the business day prior that is the same as the publication date of the Argus Asphalt report. Generally, the MWR futures contract will reflect the value of asphalt in the US Midwest. For asphalt deliveries by rail in the US Midwest, including Illinois, Indiana, Michigan, Ohio, Kentucky, Oklahoma, Minnesota, and Pennsylvania.

Additionally, the Fuel Oil Outright - Argus US Atlantic Coast Asphalt Future ("NEA") is a monthly cash settled future based on the Argus weekly assessment price for New England Waterborne Asphalt. The final settlement price will be a price in USD and cents per barrel based on 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 in the determination period. The contract will cease trading on the last Friday of the contract month. If such Friday is not a business day, then the contract will cease trading on the business day prior that is the same as the publication date of the Argus Asphalt report. Generally, the NEA futures contract will reflect the value of asphalt along the US Atlantic Coast and New England, specifically Massachusetts and Maine.

Lastly, the Fuel Oil Outright - Argus US Gulf Coast Asphalt Future ("BIT") is a monthly cash settled future based on the Argus weekly assessment price for US Gulf Coast Waterborne Asphalt. The final settlement price will be a price in USD and cents per barrel based on 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" for each business day in the determination period. The contract will cease trading on the last Friday of the contract month. If such Friday is not a business day, then the contract will cease trading on the business day prior that is the same as the publication date of the Argus Asphalt report. Generally, the BIT futures contract will reflect the value of asphalt along the US Gulf Coast including Greater New Orleans, Mobile and Corpus Christi.

d. Los Angeles CARB and CARBOB Futures

The Exchange is listing one new futures contract based on the price of Los Angeles CARBOB Gasoline. The Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) Future is a monthly cash settled futures contract based on the OPIS daily assessment price for Los Angeles CARBOB Gasoline. The contract will cease trading on the last trading day of the contract month, at which time it will cash settle to 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 in the determination period. The contract will have a contract size of 1,000 barrels (42,000 gallons), which is consistent with other Oil Americas futures contracts. The contract will generally represent the value of CARBOB Gasoline available for delivery in Los Angeles, California. The contract supplements the Exchange's existing gasoline futures offerings.

Additionally, the Exchange is listing two new futures contracts based on the price of Los Angeles CARB Diesel. The Diesel Outright - Los Angeles CARB Diesel (OPIS) Future and the Diesel Diff - Los Angeles CARB Diesel (OPIS) vs Heating Oil 1<sup>st</sup> Line Future are monthly cash settled futures contracts based on the OPIS daily assessment price for Los Angeles CARB Diesel. The contracts will have a size of 1,000 barrels

(42,000 gallons), which is consistent with the contract size for other Oil Americas futures contracts. The CBD contract will cease trading on the last trading day of the contract month, at which point it will cash settle to 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” under the heading “Los Angeles,” subheading “Physical Prices” for “CARB No. 2” for each business day in the determination period. The HOH contract, which is priced at a differential to Heating Oil, will cease trading on the last trading day of the contract month, and cash settle to 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” and the average for the settlement prices as made public by NYMEX for the front month NY Harbor ULSD Future for each business day of the determination period. In general, the contracts represent the price or price differential to diesel at NY Harbor, of conventional CARB-compliant diesel fuel available for delivery in Los Angeles, California. These futures contracts supplement the Exchange’s currently listed diesel fuel futures contracts.

e. Biodiesel Diff - RBD Soybean Oil Basis Future

The Exchange is listing one new monthly cash settled futures contract, the Biodiesel Diff - RBD Soybean Oil Basis (Fastmarkets) Future (“SYB”) is a monthly cash settled futures contract based on the daily settlement price for Soybean Oil (RBD) Basis. The contract size will represent 60,000 pounds (lbs.) of RBD soybean oil. The contract will cease trading at the close of business on the last trading day of the contract month, at which time the contract will settle to 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. In general, the contract will reflect the value of refined, bleached, and deodorized (“RBD”) soybean oil in Central Illinois relative to the value of crude soybean oil. The difference between crude soybean oil and RBD soybean oil is commonly referred to as the “refining margin” associated with transforming crude soybean oil into the higher value RBD soybean oil commodity. RBD soybean oil is produced by additional refining of once-refined or water degummed soybean oils. Acid degumming, bleaching, and deodorization is applied to once-refined soybean oil to produce RBD soybean oil, which is often used as a feedstock for biodiesel.

The contract size, minimum price fluctuation, Interval Price Limits (IPLs) and IPL recalculation times, where applicable, 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 futures contracts listed by the Exchange. The new contracts are block eligible. The minimum block trade sizes have been set consistent with existing Oil Americas futures contracts. The listing cycles and other relevant specifications are provided in the contract specifications in Exhibit A. New Exchange Rules 19.A.79-19.A.87 and 19.C.155-19.C.160 list the new futures contracts. The Exchange has set spot month position limits and single and all month accountability levels for the contracts consistent with the spot month position limits for similar products listed at the Exchange or at another designated contract market. Where applicable, a Deliverable Supply Analysis detailing the methodology the Exchange used to determine the spot month position limits for such Oil Americas contracts is attached hereto as Exhibit B. The Exchange has set single and all-months-combined accountability levels for such contracts consistent with the spot month position limits for the products. The Exchange believes that the CBD, CAG, JEO, JXH, and HOH contracts are substantially the same as existing contracts (*look-a-likes*) currently listed on another designated contract market. Therefore, pursuant to CFTC Regulation 150.5(b)(3), the Exchange has set spot month position limits and single and all-months-combined accountability levels for such contracts at levels identical to those of existing contracts listed by such designated contract market, in compliance with the requirement.<sup>1</sup> Additionally, it is the Exchange’s good

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<sup>1</sup> 17 C.F.R. § 150.5(b)(3) (October 15, 2020) (relevant regulation providing that: “For any newly listed commodity derivative contract subject to paragraph (b) of this section that is substantially the same as an existing contract listed



faith belief that the above-referenced Oil Americas futures contracts do not meet the definition of *referenced contract* as prescribed in CFTC Regulation §150.1.

## **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

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on a designated contract market or swap execution facility that is a trading facility, the designated contract market or swap execution facility that is a trading facility listing such newly listed contract shall adopt spot month, individual month, and all-months-combined speculative position limits comparable to those of the existing contract.”) Here, the CBD, CAG, JEO, JXH, and HOH contracts have nearly identical deliverable instruments and expiration schedules to those listed by CME Group in its Los Angeles Jet (OPIS) Futures (LL), Los Angeles Jet (OPIS) vs. NY Harbor ULSD Futures (JS), Los Angeles CARB Diesel (OPIS) Futures (LX), Los Angeles CARB Diesel (OPIS) vs. NY Harbor ULSD Futures (KL), Los Angeles CARBOB Gasoline (OPIS) vs. RBOB Gasoline Futures (JL), Los Angeles CARBOB Gasoline (OPIS) Futures (MH) contracts. Therefore, the Exchange has determined to set spot month speculative position limits, single and all-months-combined accountability levels at 1,000 contracts for CBD, CAG, JEO, JXH, and HOH, consistent with spot month limits at CME Group. (<https://www.cmegroup.com/rulebook/files/position-limits-nymex.xlsx>)

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](mailto:patrick.swartz@ice.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Patrick Swartz", written in a cursive style.

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 <sup>[1]</sup>	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	bbbl	0.0001	6.25	3	5	0.25
19.C.160	Crude Diff - ICE HITAN EDM 1a Index Future	HTN	1,000	bbbl	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>

\* \* \*

## 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
* * *			
<u>19.C.155</u>	<u>Crude Oil Diff - ICE CLK EDM 1a Index Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.C.156</u>	<u>Biofuel Diff - RBD Soybean Oil Basis (Fastmarkets) Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.A.79</u>	<u>Biodiesel Outright - Los Angeles RD 99% (OPIS) Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.C.157</u>	<u>Biodiesel Diff - Los Angeles RD 99% (OPIS) vs NYH Heating Oil 1st Line Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.A.80</u>	<u>Biodiesel Outright - Los Angeles SAF 99% (OPIS) Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.C.158</u>	<u>Biodiesel Diff - Los Angeles SAF 99% (OPIS) vs NYH Heating Oil 1st Line Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.A.81</u>	<u>Fuel Oil Outright - US Gulf Coast Asphalt (Argus) Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.A.82</u>	<u>Fuel Oil Outright - US Atlantic Coast Asphalt (Argus) Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.A.83</u>	<u>Fuel Oil Outright - US Midcontinent Asphalt (Argus) Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.A.84</u>	<u>Diesel Outright - Los Angeles CARB Diesel (OPIS) Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.A.85</u>	<u>Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.A.86</u>	<u>Biodiesel Outright - Los Angeles Jet (OPIS) Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.C.159</u>	<u>Refined Diff - Los Angeles Jet (OPIS) vs NYH Heating Oil 1st Line Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.A.87</u>	<u>Gasoline Outright - Los Angeles CARBOB Gasoline (OPIS) 1st Line Future</u>	<u>0.0001</u>	<u>0.0001</u>
<u>19.C.160</u>	<u>Crude Diff - ICE HITAN EDM 1a Index Future</u>	<u>0.01</u>	<u>0.01</u>

\* \* \*

## 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		5	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>5</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>5</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>5</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**

<b>Rule</b>	<b>Subject</b>
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

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## 18.D.011 Regional Greenhouse Gas Initiative Future

**Contract Description:** Monthly physically delivered contract on Regional Greenhouse Gas Initiative ("RGGI") CO<sub>2</sub> allowances ("RGGI CO<sub>2</sub> 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 CO<sub>2</sub> Allowances

**Currency:** USD

**Minimum Price Fluctuation:** The price quotation convention shall be One cent (\$0.01) per RGGI CO<sub>2</sub> 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 CO<sub>2</sub> Allowances equal to the contract size delivered through the RGGI CO<sub>2</sub> Allowance Tracking System ("RGGI-COATS").

1. Contracts with a control period specific vintage: RGGI CO<sub>2</sub> 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 CO<sub>2</sub> Allowances having a vintage usable for compliance in any prior control period.

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

For Vintage 2013 and later vintages, RGGI CO<sub>2</sub> Allowances acceptable for delivery are RGGI CO<sub>2</sub> 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 CO<sub>2</sub> 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 CO<sub>2</sub> or CO<sub>2</sub> 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 CO<sub>2</sub> 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 CO<sub>2</sub> or CO<sub>2</sub> 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 CO<sub>2</sub> 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 CO<sub>2</sub> or CO<sub>2</sub> 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 CO<sub>2</sub> 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 CO<sub>2</sub> or CO<sub>2</sub> 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

<b>Rule</b>	<b>Subject</b>
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
<u>18.E.161</u>	<u>Option on NYISO Zone G Day-Ahead Peak Calendar Year One Time Fixed Price Future</u>
<u>18.E.162</u>	<u>Option on NYISO Zone A Day-Ahead Peak Calendar Year One Time Fixed Price Future</u>
<u>18.E.163</u>	<u>Henry Cal 1X Fixed Price ICE Lots Options</u>

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### **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 CO<sub>2</sub> 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>

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**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 Market 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]**