

SUBMISSION COVER SHEET

IMPORTANT: Check box if Confidential Treatment is requested

Registered Entity Identifier Code (optional): 24-141 (55 of 144)

Organization: Chicago Mercantile Exchange Inc. ("CME")

Filing as a: DCM SEF DCO SDR

Please note - only ONE choice allowed.

Filing Date (mm/dd/yy): 05/14/24 Filing Description: Initial Listing of One-Hundred and Forty-Four (144) Seasonal Strip Weather Futures and Options Contracts
SPECIFY FILING TYPE

Please note only ONE choice allowed per Submission.

Organization Rules and Rule Amendments

- | | | |
|--------------------------|-------------------------------------|------------|
| <input type="checkbox"/> | Certification | § 40.6(a) |
| <input type="checkbox"/> | Approval | § 40.5(a) |
| <input type="checkbox"/> | Notification | § 40.6(d) |
| <input type="checkbox"/> | Advance Notice of SIDCO Rule Change | § 40.10(a) |
| <input type="checkbox"/> | SIDCO Emergency Rule Change | § 40.10(h) |

Rule Numbers:

New Product

Please note only ONE product per Submission.

- | | | |
|-------------------------------------|---------------------------------------|------------|
| <input checked="" type="checkbox"/> | Certification | § 40.2(a) |
| <input type="checkbox"/> | Certification Security Futures | § 41.23(a) |
| <input type="checkbox"/> | Certification Swap Class | § 40.2(d) |
| <input type="checkbox"/> | Approval | § 40.3(a) |
| <input type="checkbox"/> | Approval Security Futures | § 41.23(b) |
| <input type="checkbox"/> | Novel Derivative Product Notification | § 40.12(a) |
| <input type="checkbox"/> | Swap Submission | § 39.5 |

Official Product Name: See filing.

Product Terms and Conditions (product related Rules and Rule Amendments)

- | | | |
|--------------------------|---|----------------------|
| <input type="checkbox"/> | Certification | § 40.6(a) |
| <input type="checkbox"/> | Certification Made Available to Trade Determination | § 40.6(a) |
| <input type="checkbox"/> | Certification Security Futures | § 41.24(a) |
| <input type="checkbox"/> | Delisting (No Open Interest) | § 40.6(a) |
| <input type="checkbox"/> | Approval | § 40.5(a) |
| <input type="checkbox"/> | Approval Made Available to Trade Determination | § 40.5(a) |
| <input type="checkbox"/> | Approval Security Futures | § 41.24(c) |
| <input type="checkbox"/> | Approval Amendments to enumerated agricultural products | § 40.4(a), § 40.5(a) |
| <input type="checkbox"/> | "Non-Material Agricultural Rule Change" | § 40.4(b)(5) |
| <input type="checkbox"/> | Notification | § 40.6(d) |

Official Name(s) of Product(s) Affected:

Rule Numbers:

May 14, 2024

VIA ELECTRONIC PORTAL

Mr. Christopher J. Kirkpatrick
Office of the Secretariat
Commodity Futures Trading Commission
Three Lafayette Centre
1155 21st Street, N.W.
Washington, D.C. 20581

**Re: CFTC Regulation 40.2(a) Certification. Initial Listing of One-Hundred and Forty-Four (144) Season Strip Weather Futures and Options Contracts.
CME Submission No. 24-141 (55 of 144)**

Dear Mr. Kirkpatrick:

Chicago Mercantile Exchange Inc. (“CME” or “Exchange”) certifies to the Commodity Futures Trading Commission (“CFTC” or “Commission”) the initial listing of one-hundred and forty-four (144) CME Seasonal Strip Index futures and options contracts (collectively, the “Contracts”) for trading on the CME Globex electronic platform (“CME Globex”) and for submission for clearing via CME ClearPort. There will be four (4) effective dates as set forth below.

(1) Effective: Sunday, June 2 for trade date Monday, June 3, 2024

| <i>Contract Title/Commodity Code/Rulebook Chapter</i> | Commodity Code | Rulebook Chapter |
|---|-----------------------|-------------------------|
| CME Seasonal Strip Degree Days Index Futures - ATLANTA CDD Q3 | 3K1 | 405 |
| CME Seasonal Strip Degree Days Index Futures - BOSTON CDD Q3 | 3KW | 405 |
| CME Seasonal Strip Degree Days Index Futures - BURBANK CDD Q3 | 3KP | 405 |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO CDD Q3 | 3K2 | 405 |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI CDD Q3 | 3K3 | 405 |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON CDD Q3 | 33K | 405 |
| CME Seasonal Strip Degree Days Index Futures - NEW YORK CDD Q3 | 3K4 | 405 |
| CME Seasonal Strip Degree Days Index Futures - DALLAS CDD Q3 | 3K5 | 405 |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS CDD Q3 | 3K0 | 405 |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS CDD Q3 | 3KQ | 405 |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO CDD Q3 | 3KS | 405 |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA CDD Q3 | 3K6 | 405 |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND CDD Q3 | 3K7 | 405 |
| CME European Seasonal Strip CAT Index Futures - AMSTERDAM CAT Q3 | 3G2 | 409 |

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| CME European Seasonal Strip CAT Index Futures - ESSEN CAT Q3 | 3G4 | 409 |
| CME European Seasonal Strip CAT Index Futures - LONDON CAT Q3 | 3G0 | 409 |
| CME European Seasonal Strip CAT Index Futures - PARIS CAT Q3 | 3G1 | 409 |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q3 | 3G6 | 412 |
| CME Seasonal Strip Degree Days Index Options - ATLANTA CDD Q3 | 3K1 | 405A |
| CME Seasonal Strip Degree Days Index Options - BOSTON CDD Q3 | 3KW | 405A |
| CME Seasonal Strip Degree Days Index Options - BURBANK CDD Q3 | 3KP | 405A |
| CME Seasonal Strip Degree Days Index Options - CHICAGO CDD Q3 | 3K2 | 405A |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI CDD Q3 | 3K3 | 405A |
| CME Seasonal Strip Degree Days Index Options - HOUSTON CDD Q3 | 33K | 405A |
| CME Seasonal Strip Degree Days Index Options - NEW YORK CDD Q3 | 3K4 | 405A |
| CME Seasonal Strip Degree Days Index Options - DALLAS CDD Q3 | 3K5 | 405A |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS CDD Q3 | 3K0 | 405A |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS CDD Q3 | 3KQ | 405A |
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO CDD Q3 | 3KS | 405A |
| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA CDD Q3 | 3K6 | 405A |
| CME Seasonal Strip Degree Days Index Options - PORTLAND CDD Q3 | 3K7 | 405A |
| CME European Seasonal Strip CAT Index Options - AMSTERDAM CAT Q3 | 3G2 | 409A |
| CME European Seasonal Strip CAT Index Options - ESSEN CAT Q3 | 3G4 | 409A |
| CME European Seasonal Strip CAT Index Options - LONDON CAT Q3 | 3G0 | 409A |
| CME European Seasonal Strip CAT Index Options - PARIS CAT Q3 | 3G1 | 409A |
| Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q3 | 3G6 | 412A |

(2) Effective on Sunday, July 14 for trade date Monday, July 15, 2024:

| <i>Contract Title/Commodity Code/Rulebook Chapter</i> | Commodity Code | Rulebook Chapter |
|---|-----------------------|-------------------------|
| CME Seasonal Strip Degree Days Index Futures - ATLANTA HDD Q4 | 4H1 | 405 |
| CME Seasonal Strip Degree Days Index Futures - BOSTON HDD Q4 | 4HW | 405 |
| CME Seasonal Strip Degree Days Index Futures - BURBANK HDD Q4 | 4LP | 405 |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO HDD Q4 | 4H2 | 405 |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI HDD Q4 | 4H3 | 405 |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON HDD Q4 | 4HR | 405 |

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| CME Seasonal Strip Degree Days Index Futures - NEW YORK HDD Q4 | 4H4 | 405 |
| CME Seasonal Strip Degree Days Index Futures - DALLAS HDD Q4 | 4H5 | 405 |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS HDD Q4 | 4H0 | 405 |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS HDD Q4 | 4HQ | 405 |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO HDD Q4 | 4HS | 405 |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA HDD Q4 | 4H6 | 405 |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD Q4 | 4H7 | 405 |
| CME European Seasonal Strip HDD Index Futures - AMSTERDAM HDD Q4 | 4D2 | 407 |
| CME European Seasonal Strip HDD Index Futures - ESSEN HDD Q4 | 4D4 | 407 |
| CME European Seasonal Strip HDD Index Futures - LONDON HDD Q4 | 4D0 | 407 |
| CME European Seasonal Strip HDD Index Futures - PARIS HDD Q4 | 4D1 | 407 |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q4 | 4G6 | 412 |
| CME Seasonal Strip Degree Days Index Options - ATLANTA HDD Q4 | 4H1 | 405A |
| CME Seasonal Strip Degree Days Index Options - BOSTON HDD Q4 | 4HW | 405A |
| CME Seasonal Strip Degree Days Index Options - BURBANK HDD Q4 | 4LP | 405A |
| CME Seasonal Strip Degree Days Index Options - CHICAGO HDD Q4 | 4H2 | 405A |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI HDD Q4 | 4H3 | 405A |
| CME Seasonal Strip Degree Days Index Options - HOUSTON HDD Q4 | 4HR | 405A |
| CME Seasonal Strip Degree Days Index Options - NEW YORK HDD Q4 | 4H4 | 405A |
| CME Seasonal Strip Degree Days Index Options - DALLAS HDD Q4 | 4H5 | 405A |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS HDD Q4 | 4H0 | 405A |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS HDD Q4 | 4HQ | 405A |
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO HDD Q4 | 4HS | 405A |
| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA HDD Q4 | 4H6 | 405A |
| CME Seasonal Strip Degree Days Index Options - PORTLAND HDD Q4 | 4H7 | 405A |
| CME European Seasonal Strip HDD Index Options - AMSTERDAM HDD Q4 | 4D2 | 407A |
| CME European Seasonal Strip HDD Index Options - ESSEN HDD Q4 | 4D4 | 407A |
| CME European Seasonal Strip HDD Index Options -LONDON HDD Q4 | 4D0 | 407A |
| CME European Seasonal Strip HDD Index Options - PARIS HDD Q4 | 4D1 | 407A |
| Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q4 | 4G6 | 412A |

(3) Effective on Sunday, July 28 for trade date Monday, July 29, 2024:

20 S Wacker Dr Chicago, IL 60606 T 312 466 7478 tim.elliott@cmegroup.com cmegroup.com

| <i>Contract Title/Commodity Code/Rulebook Chapter</i> | Commodity Code | Rulebook Chapter |
|---|---------------------------|-------------------------|
| CME Seasonal Strip Degree Days Index Futures - ATLANTA HDD Q1 | 1H1 | 405 |
| CME Seasonal Strip Degree Days Index Futures - BOSTON HDD Q1 | 1HW | 405 |
| CME Seasonal Strip Degree Days Index Futures - BURBANK HDD Q1 | 1LP | 405 |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO HDD Q1 | 1H2 | 405 |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI HDD Q1 | 1H3 | 405 |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON HDD Q1 | 1HR | 405 |
| CME Seasonal Strip Degree Days Index Futures - NEW YORK HDD Q1 | 1H4 | 405 |
| CME Seasonal Strip Degree Days Index Futures - DALLAS HDD Q1 | 1H5 | 405 |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS HDD Q1 | 1H0 | 405 |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS HDD Q1 | 1HQ | 405 |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO HDD Q1 | 1HS | 405 |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA HDD Q1 | 1H6 | 405 |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD Q1 | 1H7 | 405 |
| CME European Seasonal Strip HDD Index Futures - AMSTERDAM HDD Q1 | 1D2 | 407 |
| CME European Seasonal Strip HDD Index Futures - ESSEN HDD Q1 | 1D4 | 407 |
| CME European Seasonal Strip HDD Index Futures - LONDON HDD Q1 | 1D0 | 407 |
| CME European Seasonal Strip HDD Index Futures - PARIS HDD Q1 | 1D1 | 407 |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q1 | 1G6 | 412 |
| CME Seasonal Strip Degree Days Index Options - ATLANTA HDD Q1 | 1H1 | 405A |
| CME Seasonal Strip Degree Days Index Options - BOSTON HDD Q1 | 1HW | 405A |
| CME Seasonal Strip Degree Days Index Options - BURBANK HDD Q1 | 1LP | 405A |
| CME Seasonal Strip Degree Days Index Options - CHICAGO HDD Q1 | 1H2 | 405A |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI HDD Q1 | 1H3 | 405A |
| CME Seasonal Strip Degree Days Index Options - HOUSTON HDD Q1 | 1HR | 405A |
| CME Seasonal Strip Degree Days Index Options - NEW YORK HDD Q1 | 1H4 | 405A |
| CME Seasonal Strip Degree Days Index Options - DALLAS HDD Q1 | 1H5 | 405A |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS HDD Q1 | 1H0 | 405A |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS HDD Q1 | 1HQ | 405A |
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO HDD Q1 | 1HS | 405A |

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| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA HDD Q1 | 1H6 | 405A |
| CME Seasonal Strip Degree Days Index Options - PORTLAND HDD Q1 | 1H7 | 405A |
| CME European Seasonal Strip HDD Index Options - AMSTERDAM HDD Q1 | 1D2 | 407A |
| CME European Seasonal Strip HDD Index Options - ESSEN HDD Q1 | 1D4 | 407A |
| CME European Seasonal Strip HDD Index Options - LONDON HDD Q1 | 1D0 | 407A |
| CME European Seasonal Strip HDD Index Options - PARIS HDD Q1 | 1D1 | 407A |
| Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q1 | 1G6 | 412A |

(4) Effective on Sunday, August 25 for trade date Monday, August 26, 2024:

| <i>Contract Title/Commodity Code/Rulebook Chapter</i> | Commodity Code | Rulebook Chapter |
|--|-----------------------|-------------------------|
| CME Seasonal Strip Degree Days Index Futures - ATLANTA CDD Q2 | 2K1 | 405 |
| CME Seasonal Strip Degree Days Index Futures - BOSTON CDD Q2 | 2KW | 405 |
| CME Seasonal Strip Degree Days Index Futures - BURBANK CDD Q2 | 2KP | 405 |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO CDD Q2 | 2K2 | 405 |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI CDD Q2 | 2K3 | 405 |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON CDD Q2 | 2KR | 405 |
| CME Seasonal Strip Degree Days Index Futures - NEW YORK CDD Q2 | 2K4 | 405 |
| CME Seasonal Strip Degree Days Index Futures - DALLAS CDD Q2 | 2K5 | 405 |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS CDD Q2 | 2K0 | 405 |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS CDD Q2 | 2KQ | 405 |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO CDD Q2 | 2KS | 405 |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA CDD Q2 | 2K6 | 405 |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND CDD Q2 | 2K7 | 405 |
| CME European Seasonal Strip CAT Index Futures - AMSTERDAM CAT Q2 | G22 | 409 |
| CME European Seasonal Strip CAT Index Futures - ESSEN CAT Q2 | G42 | 409 |
| CME European Seasonal Strip CAT Index Futures - LONDON CAT Q2 | G02 | 409 |
| CME European Seasonal Strip CAT Index Futures - PARIS CAT Q2 | G12 | 409 |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q2 | G62 | 412 |
| CME Seasonal Strip Degree Days Index Options - ATLANTA CDD Q2 | 2K1 | 405A |
| CME Seasonal Strip Degree Days Index Options - BOSTON CDD Q2 | 2KW | 405A |
| CME Seasonal Strip Degree Days Index Options - BURBANK CDD Q2 | 2KP | 405A |

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| CME Seasonal Strip Degree Days Index Options - CHICAGO CDD Q2 | 2K2 | 405A |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI CDD Q2 | 2K3 | 405A |
| CME Seasonal Strip Degree Days Index Options - HOUSTON CDD Q2 | 2KR | 405A |
| CME Seasonal Strip Degree Days Index Options - NEW YORK CDD Q2 | 2K4 | 405A |
| CME Seasonal Strip Degree Days Index Options - DALLAS CDD Q2 | 2K5 | 405A |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS CDD Q2 | 2K0 | 405A |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS CDD Q2 | 2KQ | 405A |
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO CDD Q2 | 2KS | 405A |
| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA CDD Q2 | 2K6 | 405A |
| CME Seasonal Strip Degree Days Index Options - PORTLAND CDD Q2 | 2K7 | 405A |
| CME European Seasonal Strip CAT Index Options - AMSTERDAM CAT Q2 | G22 | 409A |
| CME European Seasonal Strip CAT Index Options - ESSEN CAT Q2 | G42 | 409A |
| CME European Seasonal Strip CAT Index Options - LONDON CAT Q2 | G02 | 409A |
| CME European Seasonal Strip CAT Index Options - PARIS CAT Q2 | G12 | 409A |
| Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q2 | G62 | 412A |

Exhibit A provides the market overview applicable to the Contracts.

Exhibits B, C, D, G, H, I, L, M, N, Q, R, and S, provide amendments to Rule 40X01. (“Contract Specification”) of the four (4) CME Chapters noted below to include the new strip futures contracts:

Chapter 405 CME Seasonal Strip Degree Days Index Futures
Chapter 407 CME European Seasonal Strip HDD Index Futures
Chapter 409 CME European Seasonal CAT Strip Index Futures
Chapter 412 CME Pacific Rim Seasonal CAT Index Futures

The four (4) CME Chapters below, which include the related option contracts, are provided for convenience and will not be impacted as a result of this initiative:

Chapter [405A](#) Options on CME Seasonal Strip Degree Days Index Futures
Chapter [407A](#) Options on CME European Season Strip HDD Index Futures
Chapter [409A](#) Options on CME European Seasonal Strip CAT Index Futures
Chapter [412A](#) Options on CME Pacific Rim Seasonal CAT Index Futures

Exhibits E, J, O, and T provide the Position Limit, Position Accountability and Reportable Level Table in Chapter 5 of the CME Rulebook for each effective date (under separate cover). Exhibits F, K, P, and U provide the applicable CME Rule 588.H (“Globex Non-Reviewable Trading Ranges”) Table for each effective date.

Section 1: Contract Terms and Conditions

Contract Specifications:

| <i>Contract Title/Rulebook Chapter/Commodity Code</i> | Commodity Code | Rulebook Chapter |
|---|---------------------------|-------------------------|
| EFFECTIVE TRADE DATE MONDAY, JUNE, 3, 2024 | | |
| CME Seasonal Strip Degree Days Index Futures - ATLANTA CDD Q3 | 3K1 | 405 |
| CME Seasonal Strip Degree Days Index Futures - BOSTON CDD Q3 | 3KW | 405 |
| CME Seasonal Strip Degree Days Index Futures - BURBANK CDD Q3 | 3KP | 405 |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO CDD Q3 | 3K2 | 405 |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI CDD Q3 | 3K3 | 405 |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON CDD Q3 | 33K | 405 |
| CME Seasonal Strip Degree Days Index Futures - NEW YORK CDD Q3 | 3K4 | 405 |
| CME Seasonal Strip Degree Days Index Futures - DALLAS CDD Q3 | 3K5 | 405 |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS CDD Q3 | 3K0 | 405 |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS CDD Q3 | 3KQ | 405 |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO CDD Q3 | 3KS | 405 |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA CDD Q3 | 3K6 | 405 |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND CDD Q3 | 3K7 | 405 |
| CME European Seasonal Strip CAT Index Futures - AMSTERDAM CAT Q3 | 3G2 | 409 |
| CME European Seasonal Strip CAT Index Futures - ESSEN CAT Q3 | 3G4 | 409 |
| CME European Seasonal Strip CAT Index Futures - LONDON CAT Q3 | 3G0 | 409 |
| CME European Seasonal Strip CAT Index Futures - PARIS CAT Q3 | 3G1 | 409 |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q3 | 3G6 | 412 |
| CME Seasonal Strip Degree Days Index Options - ATLANTA CDD Q3 | 3K1 | 405A |
| CME Seasonal Strip Degree Days Index Options - BOSTON CDD Q3 | 3KW | 405A |
| CME Seasonal Strip Degree Days Index Options - BURBANK CDD Q3 | 3KP | 405A |
| CME Seasonal Strip Degree Days Index Options - CHICAGO CDD Q3 | 3K2 | 405A |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI CDD Q3 | 3K3 | 405A |
| CME Seasonal Strip Degree Days Index Options - HOUSTON CDD Q3 | 33K | 405A |
| CME Seasonal Strip Degree Days Index Options - NEW YORK CDD Q3 | 3K4 | 405A |
| CME Seasonal Strip Degree Days Index Options - DALLAS CDD Q3 | 3K5 | 405A |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS CDD Q3 | 3K0 | 405A |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS CDD Q3 | 3KQ | 405A |
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO CDD Q3 | 3KS | 405A |

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| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA CDD Q3 | 3K6 | 405A |
| CME Seasonal Strip Degree Days Index Options - PORTLAND CDD Q3 | 3K7 | 405A |
| CME European Seasonal Strip CAT Index Options - AMSTERDAM CAT Q3 | 3G2 | 409A |
| CME European Seasonal Strip CAT Index Options - ESSEN CAT Q3 | 3G4 | 409A |
| CME European Seasonal Strip CAT Index Options - LONDON CAT Q3 | 3G0 | 409A |
| CME European Seasonal Strip CAT Index Options - PARIS CAT Q3 | 3G1 | 409A |
| Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q3 | 3G6 | 412A |

EFFECTIVE TRADE DATE MONDAY, JULY 15, 2024

| | | |
|--|-----|------|
| CME Seasonal Strip Degree Days Index Futures - ATLANTA HDD Q4 | 4H1 | 405 |
| CME Seasonal Strip Degree Days Index Futures - BOSTON HDD Q4 | 4HW | 405 |
| CME Seasonal Strip Degree Days Index Futures - BURBANK HDD Q4 | 4LP | 405 |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO HDD Q4 | 4H2 | 405 |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI HDD Q4 | 4H3 | 405 |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON HDD Q4 | 4HR | 405 |
| CME Seasonal Strip Degree Days Index Futures - NEW YORK HDD Q4 | 4H4 | 405 |
| CME Seasonal Strip Degree Days Index Futures - DALLAS HDD Q4 | 4H5 | 405 |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS HDD Q4 | 4H0 | 405 |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS HDD Q4 | 4HQ | 405 |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO HDD Q4 | 4HS | 405 |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA HDD Q4 | 4H6 | 405 |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD Q4 | 4H7 | 405 |
| CME European Seasonal Strip HDD Index Futures - AMSTERDAM HDD Q4 | 4D2 | 407 |
| CME European Seasonal Strip HDD Index Futures - ESSEN HDD Q4 | 4D4 | 407 |
| CME European Seasonal Strip HDD Index Futures -LONDON HDD Q4 | 4D0 | 407 |
| CME European Seasonal Strip HDD Index Futures - PARIS HDD Q4 | 4D1 | 407 |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q4 | 4G6 | 412 |
| CME Seasonal Strip Degree Days Index Options - ATLANTA HDD Q4 | 4H1 | 405A |
| CME Seasonal Strip Degree Days Index Options - BOSTON HDD Q4 | 4HW | 405A |
| CME Seasonal Strip Degree Days Index Options - BURBANK HDD Q4 | 4LP | 405A |
| CME Seasonal Strip Degree Days Index Options - CHICAGO HDD Q4 | 4H2 | 405A |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI HDD Q4 | 4H3 | 405A |

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| CME Seasonal Strip Degree Days Index Options - HOUSTON HDD Q4 | 4HR | 405A |
| CME Seasonal Strip Degree Days Index Options - NEW YORK HDD Q4 | 4H4 | 405A |
| CME Seasonal Strip Degree Days Index Options - DALLAS HDD Q4 | 4H5 | 405A |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS HDD Q4 | 4H0 | 405A |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS HDD Q4 | 4HQ | 405A |
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO HDD Q4 | 4HS | 405A |
| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA HDD Q4 | 4H6 | 405A |
| CME Seasonal Strip Degree Days Index Options - PORTLAND HDD Q4 | 4H7 | 405A |
| CME European Seasonal Strip HDD Index Options - AMSTERDAM HDD Q4 | 4D2 | 407A |
| CME European Seasonal Strip HDD Index Options - ESSEN HDD Q4 | 4D4 | 407A |
| CME European Seasonal Strip HDD Index Options -LONDON HDD Q4 | 4D0 | 407A |
| CME European Seasonal Strip HDD Index Options - PARIS HDD Q4 | 4D1 | 407A |
| Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q4 | 4G6 | 412A |
| EFFECTIVE TRADE DATE MONDAY, JULY 29, 2024 | | |
| CME Seasonal Strip Degree Days Index Futures - ATLANTA HDD Q1 | 1H1 | 405 |
| CME Seasonal Strip Degree Days Index Futures - BOSTON HDD Q1 | 1HW | 405 |
| CME Seasonal Strip Degree Days Index Futures - BURBANK HDD Q1 | 1LP | 405 |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO HDD Q1 | 1H2 | 405 |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI HDD Q1 | 1H3 | 405 |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON HDD Q1 | 1HR | 405 |
| CME Seasonal Strip Degree Days Index Futures - NEW YORK HDD Q1 | 1H4 | 405 |
| CME Seasonal Strip Degree Days Index Futures - DALLAS HDD Q1 | 1H5 | 405 |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS HDD Q1 | 1H0 | 405 |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS HDD Q1 | 1HQ | 405 |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO HDD Q1 | 1HS | 405 |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA HDD Q1 | 1H6 | 405 |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD Q1 | 1H7 | 405 |
| CME European Seasonal Strip HDD Index Futures - AMSTERDAM HDD Q1 | 1D2 | 407 |
| CME European Seasonal Strip HDD Index Futures - ESSEN HDD Q1 | 1D4 | 407 |
| CME European Seasonal Strip HDD Index Futures - LONDON HDD Q1 | 1D0 | 407 |
| CME European Seasonal Strip HDD Index Futures - PARIS HDD Q1 | 1D1 | 407 |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q1 | 1G6 | 412 |

| | | |
|--|-----|------|
| CME Seasonal Strip Degree Days Index Options - ATLANTA HDD Q1 | 1H1 | 405A |
| CME Seasonal Strip Degree Days Index Options - BOSTON HDD Q1 | 1HW | 405A |
| CME Seasonal Strip Degree Days Index Options - BURBANK HDD Q1 | 1LP | 405A |
| CME Seasonal Strip Degree Days Index Options - CHICAGO HDD Q1 | 1H2 | 405A |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI HDD Q1 | 1H3 | 405A |
| CME Seasonal Strip Degree Days Index Options - HOUSTON HDD Q1 | 1HR | 405A |
| CME Seasonal Strip Degree Days Index Options - NEW YORK HDD Q1 | 1H4 | 405A |
| CME Seasonal Strip Degree Days Index Options - DALLAS HDD Q1 | 1H5 | 405A |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS HDD Q1 | 1H0 | 405A |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS HDD Q1 | 1HQ | 405A |
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO HDD Q1 | 1HS | 405A |
| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA HDD Q1 | 1H6 | 405A |
| CME Seasonal Strip Degree Days Index Options - PORTLAND HDD Q1 | 1H7 | 405A |
| CME European Seasonal Strip HDD Index Options - AMSTERDAM HDD Q1 | 1D2 | 407A |
| CME European Seasonal Strip HDD Index Options - ESSEN HDD Q1 | 1D4 | 407A |
| CME European Seasonal Strip HDD Index Options - LONDON HDD Q1 | 1D0 | 407A |
| CME European Seasonal Strip HDD Index Options - PARIS HDD Q1 | 1D1 | 407A |
| Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q1 | 1G6 | 412A |
| EFFECTIVE TRADE DATE MONDAY, AUGUST 26, 2024 | | |
| CME Seasonal Strip Degree Days Index Futures - ATLANTA CDD Q2 | 2K1 | 405 |
| CME Seasonal Strip Degree Days Index Futures - BOSTON CDD Q2 | 2KW | 405 |
| CME Seasonal Strip Degree Days Index Futures - BURBANK CDD Q2 | 2KP | 405 |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO CDD Q2 | 2K2 | 405 |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI CDD Q2 | 2K3 | 405 |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON CDD Q2 | 2KR | 405 |
| CME Seasonal Strip Degree Days Index Futures - NEW YORK CDD Q2 | 2K4 | 405 |
| CME Seasonal Strip Degree Days Index Futures - DALLAS CDD Q2 | 2K5 | 405 |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS CDD Q2 | 2K0 | 405 |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS CDD Q2 | 2KQ | 405 |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO CDD Q2 | 2KS | 405 |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA CDD Q2 | 2K6 | 405 |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND CDD Q2 | 2K7 | 405 |

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|-----------------------------------|---|--|------|
| | CME European Seasonal Strip CAT Index Futures - AMSTERDAM CAT Q2 | G22 | 409 |
| | CME European Seasonal Strip CAT Index Futures - ESSEN CAT Q2 | G42 | 409 |
| | CME European Seasonal Strip CAT Index Futures - LONDON CAT Q2 | G02 | 409 |
| | CME European Seasonal Strip CAT Index Futures - PARIS CAT Q2 | G12 | 409 |
| | Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q2 | G62 | 412 |
| | CME Seasonal Strip Degree Days Index Options - ATLANTA CDD Q2 | 2K1 | 405A |
| | CME Seasonal Strip Degree Days Index Options - BOSTON CDD Q2 | 2KW | 405A |
| | CME Seasonal Strip Degree Days Index Options - BURBANK CDD Q2 | 2KP | 405A |
| | CME Seasonal Strip Degree Days Index Options - CHICAGO CDD Q2 | 2K2 | 405A |
| | CME Seasonal Strip Degree Days Index Options - CINCINNATI CDD Q2 | 2K3 | 405A |
| | CME Seasonal Strip Degree Days Index Options - HOUSTON CDD Q2 | 2KR | 405A |
| | CME Seasonal Strip Degree Days Index Options - NEW YORK CDD Q2 | 2K4 | 405A |
| | CME Seasonal Strip Degree Days Index Options - DALLAS CDD Q2 | 2K5 | 405A |
| | CME Seasonal Strip Degree Days Index Options - LAS VEGAS CDD Q2 | 2K0 | 405A |
| | CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS CDD Q2 | 2KQ | 405A |
| | CME Seasonal Strip Degree Days Index Options - SACRAMENTO CDD Q2 | 2KS | 405A |
| | CME Seasonal Strip Degree Days Index Options - PHILADELPHIA CDD Q2 | 2K6 | 405A |
| | CME Seasonal Strip Degree Days Index Options - PORTLAND CDD Q2 | 2K7 | 405A |
| | CME European Seasonal Strip CAT Index Options - AMSTERDAM CAT Q2 | G22 | 409A |
| | CME European Seasonal Strip CAT Index Options - ESSEN CAT Q2 | G42 | 409A |
| | CME European Seasonal Strip CAT Index Options - LONDON CAT Q2 | G02 | 409A |
| | CME European Seasonal Strip CAT Index Options - PARIS CAT Q2 | G12 | 409A |
| | Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q2 | G62 | 412A |
| <i>Trading Unit</i> | US Cities: | \$20 (US Dollars) times the respective Index | |
| | Amsterdam, Essen, Paris: | €20 (Euros) times the respective Index | |
| | London | £20 (British Pounds) times the respective Index | |
| | Tokyo: | ¥2,500 (Japanese Yen) times the respective Index | |
| <i>Listing Schedule</i> | Q3: | 1 Jul-Sep Strip | |
| | Q4: | 1 Oct-Dec Strip | |
| | Q1: | 1 Jan-Mar Strip | |
| | Q2: | 1 Apr-Jun Strip | |
| <i>Initial Listing</i> | Q3: | Sep 2024 | |
| | Q4: | Dec 2024 | |
| | Q1: | Mar 2025 | |
| | Q2: | Jun 2025 | |
| <i>Trading and Clearing Hours</i> | CME Globex Pre-Open | Sunday – 4:00 p.m. – 5:00 p.m. Central Time/CT Monday – Thursday 4:45 p.m. – 5:00 p.m. CT | |
| | CME Globex | Sunday - Friday 5:00 p.m. - 3:15 p.m. CT with daily trading halts 3:15 p.m. - 5:00 p.m. | |

| | | |
|---|--|---|
| | CME ClearPort | Sunday 5:00 p.m. - Friday 5:45 p.m. CT with no reporting Monday - Thursday from 5:45 p.m. – 6:00 p.m. CT |
| <i>Minimum Price Increments</i> | US Cities: Amsterdam, Essen, Paris: London Tokyo: | 1 index point (= \$20 per contract) 1 index point (=€20 per contract) 1 index point (= £20 per contract) 0.01 index point (= ¥25 per contract) |
| <i>Termination of Trading</i> | Trading shall terminate for U.S. cities and Tokyo at 9:00 a.m. CT on the second Exchange Business Day after the futures contract month. Trading shall terminate for European cities at 9:00 a.m. CT on the fifth Exchange Business Day after the futures contract month. Options trading shall terminate on the same date and time as the underlying futures contract. | |
| <i>Settlement Type</i> | Futures Options | Financially Settled Physically Settled – Exercise into Futures |
| <i>Futures Final Settlement</i> | All futures contracts remaining open at the termination of trading shall be settled using the respective CME Seasonal Strip Index reported by Speedwell Settlement Services Ltd. for that city for that contract period, using the methodology in effect on that date. | |
| <i>Options Exercise Procedure</i> | European Style | |
| <i>Options Strike Price Intervals</i> | US and European Cities: Tokyo: | Dynamically listed at intervals of 1 index point Dynamically listed at intervals of .01 index point |
| <i>CME Globex Matching Algorithm</i> | F-FIFO (First-In, First Out) | |
| <i>Position Limits and Reportable Levels</i> | Single Month Accountability Level 10,000 | Reportable Levels 25 |
| <i>Block Trade Minimum Threshold and Reporting Window</i> | Minimum Threshold Reporting Window | 20 contracts 15 minutes |

Exchange Fees:

| Membership Type | Venue/Transaction Type | Fee |
|--|------------------------|--------|
| Individual Members Clearing Members Rule 106.J Equity Member Firms & Rule 106.J Qualified Subsidiaries Rule 106.I Members & Rule 106.I Qualified Affiliates Rule 106.S Member Approved Funds | CME Globex | \$0.85 |
| | EFP | \$0.85 |
| | EFR | \$0.85 |
| | Block | \$0.85 |
| | Delivery | \$0.50 |
| | Exe Asn Future From | \$0.55 |
| Rule 106.D Lessees Rule 106.F Employees | CME Globex | \$0.85 |
| | EFP | \$0.85 |
| | EFR | \$0.85 |
| | Block | \$0.85 |
| | Delivery | \$0.50 |
| | Exe Asn Future From | \$0.55 |
| Rule 106.R Electronic Corporate Members (For other than CME Globex - Non-Member rates apply) | CME Globex | \$0.85 |

| | | |
|--|-------------------------------|--------|
| Rule 106.H and 106.N Firms | CME Globex | \$0.85 |
| | EFP | \$0.85 |
| | EFR | \$0.85 |
| | Block | \$0.85 |
| | Delivery | \$0.50 |
| | Exe Asn Future From | \$0.55 |
| International Incentive Program (IIP) Participants International Volume Incentive Program (IVIP) Participants (For other than CME Globex - Non-Member rates apply) | CME Globex | N/A |
| Latin American Fund Manager Incentive Program (FMIP) Participants (For other than CME Globex - Non-Member rates apply) | CME Globex | N/A |
| Members Trading Outside of Division (For other than CME Globex During ETH - Non-Member rates apply) | CME Globex During ETH Only | \$0.85 |
| Non-Members | CME Globex | \$1.35 |
| | EFP | \$1.35 |
| | EFR | \$1.35 |
| | Block | \$1.35 |
| | Delivery | \$1.00 |
| | Exe Asn Future From | \$1.05 |

| Processing Fees | Fee |
|---------------------------------------|--------|
| Position Adjustment/Position Transfer | \$0.10 |
| Give-Up Surcharge | \$0.05 |
| Facilitation Fee | \$0.40 |

Section 2: Price Reporting Agency

The official weather data that is used to settle our contracts is published by government weather agencies and then supplied to us from Speedwell Settlement Services Ltd. (“SSS”). In the case of the United States, the National Weather Service (“NWS”), Federal Aviation Administration (“FAA”), the Department of Defense (“DoD”), and the National Oceanic and Atmospheric Administration (“NOAA”) are responsible for the measurement, recording and issuance of the data. Weather stations used for CME weather contracts are located at major airports or government owned properties having 24 hour/365 day security measures in place to insure the accuracy of the data being reported. Similar to the US, European and Asian governments have implemented similar systems and collect the data in the same way, with the same authority and oversight.

These weather stations serve a vital function to air traffic safety around the world. Data readings from these stations are used to determine such things as flying and de-icing conditions. Therefore, the accuracy and security of these instruments are a high priority for these government agencies. Instrument placement is usually out on the property in remote secure locations, so as not to be affected by jet engine or tarmac heat radiation and most importantly human tampering.

Settlement Data

Raw Data Weather Elements that have been processed to produce Certified Data, and when needed, Calculated Data.

Data Certification

Data Certification involves the process of detecting data problems (Gross Errors and Missing Data) and then correcting those problems by removing and replacing problem values with Estimated Values.

As weather data is being released, a number of weather data suppliers are monitoring the data for any unusual readings. If a reading were to be an outlier or missing it would be reported to the issuing agency to verify for accuracy and/or correction. Weather data suppliers, such as SSS, not only monitor the specific CME weather locations, but also surrounding weather stations. They use surrounding weather stations as one means to verify for the accuracy of data being issued by the reporting agency. SSS is an industry leader in weather-related data to the futures and over-the-counter (“OTC”) markets.

Section 3: Compliance with Core Principles

The Exchange reviewed the designated contract market core principles (“Core Principles”) as set forth in the Commodity Exchange Act (“CEA” or “Act”) and identified that the following Core Principles may be impacted by this initiative as follows:

- **Compliance with Rules:** Trading in the Contracts will be subject to all CME Rules, including prohibitions against fraudulent, noncompetitive, unfair and abusive practices as outlined in CME Rule Chapter 4, the Exchange’s trade practice rules, the majority of which are contained in Chapter 5 and Chapter 8 of the CME Rulebook, and the dispute resolution and arbitration procedures of CME Rule Chapter 6. As with all products listed for trading on one of CME Group’s designated contract markets, trading activity in the Contract will be subject to monitoring and surveillance by CME Group’s Market Regulation Department. The Market Regulation Department has the authority to exercise its investigatory and enforcement power where potential rule violations are identified.
- **Contracts not Readily Subject to Manipulation:** The Contracts are not readily subject to manipulation because of their structural attributes and reliance on government supplied data. Final settlements are based on official weather data that is published by government weather agencies and supplied to the Exchange by a single PRA, Speedwell Settlement Services Ltd. In the case of the United States, NWS, FAA, DoD, and NOAA are responsible for the measurement, recording and issuance of the data. Weather stations used for CME weather contracts are located at major airports or government owned properties having 24 hour/365 day security measures in place to ensure the accuracy of the data being reported. Similar to the U.S., European and Asian governments have implemented similar systems and collect the data in the same way, with the same authority and oversight.
- **Prevention of Market Disruption:** Trading in the Contracts will be subject to the rules of the Exchange, which include prohibitions on manipulation, price distortion, and disruption to the cash settlement process. As with any new product listed for trading on a CME Group designated contract market, trading activity in the Contracts will be subject to monitoring and surveillance by CME Group’s Market Regulation Department.
- **Position Limitations or Accountability:** The speculative position limits for the Contracts as demonstrated in this submission are consistent with the Commission’s guidance.
- **Emergency Authority:** As with all CME Group futures and options product, the Exchange shall have full authority to act appropriately and as necessary in emergency situations.
- **Availability of General Information:** The Exchange will publish on its website information in regard to contract specifications, terms, and conditions, as well as daily trading volume, open interest, and price information for the Contracts. The Exchange will issue a Special Executive Report (“SER”) regarding the launch of the Contracts. The SER will also be posted on the CME Group website.

- **Daily Publication of Trading Information:** The Exchange will publish contract trading volumes, open interest levels, and price information daily on its website and through quote vendors for the Contracts.
- **Execution of Transactions:** The Contracts will be listed for trading on the CME Globex and for submission of clearing through the CME ClearPort platform. The CME Globex trading venue provides for competitive and open execution of transactions and affords the benefits of reliability and global connectivity.
- **Trade Information:** All requisite trade information for the Contracts will be included in the audit trail and is sufficient for the Market Regulation Department to monitor for market abuse.
- **Financial Integrity of Contracts:** The Contracts will be cleared by the CME Clearing, a derivatives clearing organization registered with the CFTC and subject to all CFTC Regulations related thereto.
- **Protection of Market Participants:** CME Rulebook Chapters 4 and 5 set forth multiple prohibitions that preclude intermediaries from disadvantaging their customers. These rules apply to trading in all of the Exchange's competitive trading venues.
- **Disciplinary Procedures:** Chapter 4 of the Rulebook contains provisions that allow the Exchange to discipline, suspend or expel members or market participants that violate the Rulebook. Trading in the Contracts will be subject to Chapter 4, and the Market Regulation Department has the authority to exercise its enforcement power in the event rule violations in these products are identified.
- **Dispute Resolution:** Disputes with respect to trading in the Contracts will be subject to the arbitration provisions set forth in Chapter 6 of the Rulebook. Chapter 6 allows all non-members to submit a claim for financial losses resulting from transactions on the Exchange to arbitration. A member named as a respondent in a claim submitted by a non-member is required to participate in the arbitration pursuant to Chapter 6. Additionally, the Exchange requires that members resolve all disputes concerning transactions on the Exchange via arbitration.

Pursuant to Section 5c(c) of the Act and CFTC Regulation 40.2(a), the Exchange hereby certifies that the listing of the Contracts complies with the Act, including regulations under the Act. There were no substantive opposing views to this proposal.

The Exchange certifies that this submission has been concurrently posted on the Exchange's website at <http://www.cmegroup.com/market-regulation/rule-filings.html>.

Should you have any questions concerning the above, please contact the undersigned at 312-466-7478 or via e-mail at CMEGSubmissionInquiry@cmegroup.com.

Sincerely,

/s/ Timothy Elliott
 Managing Director and Chief Regulatory Counsel

Attachments: Exhibit A – Market Overview (applicable to all contracts)

Effective June 3, 2024:

Exhibit B – CME Rulebook Chapter 405

Exhibit C – CME Rulebook Chapter 409

Exhibit D – CME Rulebook Chapter 412

Exhibit E – Position Limit, Position Accountability, and Reportable Level Table in

[20 S Wacker Dr](http://www.cmegroup.com) Chicago, IL 60606 T 312 466 7478 tim.elliott@cmegroup.com [cmegroup.com](http://www.cmegroup.com)

Chapter 5 of the CME Rulebook (attached under separate cover)
Exhibit F – CME Rule 588.H. – (“Globex Non-Reviewable Trading Ranges”) Table

Effective July 15, 2024:

Exhibit G – CME Rulebook Chapter 405
Exhibit H – CME Rulebook Chapter 407
Exhibit I – CME Rulebook Chapter 412
Exhibit J – Position Limit, Position Accountability, and Reportable Level Table in
Chapter 5 of the CME Rulebook (attached under separate cover)
Exhibit K – CME Rule 588.H. – (“Globex Non-Reviewable Trading Ranges”) Table

Effective July 29, 2024:

Exhibit L – CME Rulebook Chapter 405
Exhibit M – CME Rulebook Chapter 407
Exhibit N – CME Rulebook Chapter 412
Exhibit O – Position Limit, Position Accountability, and Reportable Level Table in
Chapter 5 of the CME Rulebook (attached under separate cover)
Exhibit P – CME Rule 588.H. – (“Globex Non-Reviewable Trading Ranges”) Table

Effective August 26, 2024:

Exhibit Q – CME Rulebook Chapter 405
Exhibit R – CME Rulebook Chapter 409
Exhibit S – CME Rulebook Chapter 412
Exhibit T – Position Limit, Position Accountability, and Reportable Level Table in
Chapter 5 of the CME Rulebook (attached under separate cover)
Exhibit U – CME Rule 588.H. – (“Globex Non-Reviewable Trading Ranges”) Table

Exhibit A

Position Limit/Accountability Levels and Market Overview [Applicable to all Contracts and all Effective Dates]

Position Limit/Accountability Levels

The Contracts will mirror the currently listed weather futures and options contracts with single month accountability levels of 10,000 contracts. These changes will be reflected in the position accountability table in Chapter 5.

The 10,000 per month contract accountability level has been vetted with the CFTC due to the fact that Section 151 of the Act was vacated and reverted back to Section 150, which does not have an interpretation for position accountability for Alternative products. The CFTC acknowledged that weather is unique and that it is an excluded commodity and has no deliverable supply. In the conversation, CME noted the following: 1) due to the secured locations of the recording instruments (i.e., major airports), the index is not easily susceptible to manipulation and 2) a number of weather data suppliers are monitoring the data being released by these governmental agencies and any errors would most likely be reported and corrected promptly by the reporting agencies.

Cash Market Overview

Heating Degree Days (“HDD”)/Cooling Degree Days (“CDD”) and Cumulative Average Temperature (“CAT”) contracts are employed by a wide variety of enterprises, largely operating in the context of the energy industry, to manage their temperature related risks.

Energy companies, for example, have been known to sell HDD or CDD contracts to manage the risk of diminished revenues under mild weather conditions, noting that the quantity of energy sold is heavily contingent upon consumer demand driven by temperatures. Large scale energy consumers including automobile manufacturers and large residential building operators may buy HDD or CDD contracts to hedge against the risk of rising utility costs under extreme weather conditions.

Retailers whose sales are sensitive to weather conditions might control inventory costs more effectively through the use of HDD or CDD contracts. Beer consumption reaches a seasonal peak in the summer and cool weather can put a dent in beer sales. “the 2000 Preliminary Report for SABMiller, “History shows that on a summer day with the temperature over 25 degrees Celsius, sales can be more than 50% greater than on a day where the temperature is under 20 degrees...”

Utility companies may utilize HDD or CDD contracts to guard against “volumetric risks.” These volumetric risks are based upon the quantity of energy that might be expected to be marketed throughout the course of a heating or cooling season. These transactions rely upon the intuitive and well-documented relationship between power consumption and temperature extremes.

Thus, if the daily average temperatures during the course of a winter season were abnormally high, utility firms might face depressed demand for heating. Utilities have traditionally increased consumer prices to offset lower retail consumption volume. However, intensifying competition caused by ongoing deregulation has made it increasingly difficult for utilities to raise prices arbitrarily. Therefore, it becomes necessary for utility firms to address volumetric risks using other means such as HDD or CDD contracts.

Proper use of temperature related contracts not only enables utility firms to stabilize revenue streams but may also be used to provide at least a partial hedge to the cost side of the equation. Note that most utility firms operate under inherent capacity limitations. Electricity represents a non-storable commodity. If temperature suddenly rises or declines dramatically, utility firms may need to deploy less efficient generators to meet the sudden jump in demand or may be compelled to purchase electricity from the power grid in the face of soaring demands and rising prices. This implies that energy prices may increase, and

transmission costs may grow simultaneously. In this case, utility firms may find both weather derivatives and energy contracts useful to stabilize their economic outcomes, i.e., to hedge both volumetric and cost-based risks.

Weather Market Overview

It has been estimated that over 2/3 of the global economy is impacted either directly or indirectly by weather conditions. The impact that weather has on businesses in the energy and agriculture industries is particularly acute. However, not only energy and agriculture businesses observe the weather conditions. The lists of other economic sectors that are affected by the weather include construction and transportation sectors that have to contend with delays and budget overruns. The retail and entertainment sectors face similar challenges when weather turns unfavorable. A retailer may have stocked up on winter clothing only to have the season be unseasonably warm, causing markdowns at the end of the season to move merchandise, and incurring a loss. Entertainment such as concerts, municipal parades, ski resorts, amusement parks etc. can be impacted by rain, cold and heat translating into lost revenue.

In addition to the commercial market participants like utility companies, some of the most active participants in the existing weather markets are insurance and reinsurance companies. Reinsurance companies, for example, offer clients a path to transfer their weather-related risk, and are then able to lay off a portion of that risk by participating in our weather futures and options markets. Hedge funds, pension funds, and asset managers that are looking for assets that are uncorrelated to their current portfolio holdings are also active participants in weather futures and options markets.

Effective June 3, 2024

Exhibit B

CME Rulebook

(additions **underscored**, deletions ~~struck through~~)

Chapter 405

CME Seasonal Strip Degree Days Index Futures

40501. CONTRACT SPECIFICATIONS

1. Heating Degree Days and Cooling Degree Days

The daily average temperature is defined as the arithmetic average of the maximum and minimum temperature recorded between 0000 LST to 2359 LST. Observations are recorded by the U.S. National Weather Service and processed by Speedwell Settlement Services Ltd.

For each day, Heating-Degree-Days (HDD) is the greater of (1) zero, (2) 65 degrees Fahrenheit minus the daily average temperature.

For each day, Cooling-Degree-Days (CDD) is the greater of (1) zero, (2) the daily average temperature minus 65 degrees Fahrenheit.

2. The CME Seasonal Strip Degree Days Indexes and Listing Cities

Each defined CME Seasonal Strip Degree Days index below is the accumulation of like Degree Days over the season.

Cooling Degree Days Strips:

- May – September
- **July – August**
- **Q3 (July – September)**

Atlanta Hartsfield International Airport (WBAN 13874)

Boston-Logan International Airport (WBAN 14739)
Burbank-Glendale-Pasadena Airport (WBAN 23152)
Chicago O'Hare International Airport (WBAN 94846)
Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)
Dallas – Ft. Worth International Airport (WBAN 03927)
Houston-George Bush Intercontinental Airport (WBAN 12960)
Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)

● ~~July – August~~

~~Atlanta Hartsfield International Airport (WBAN 13874)
Boston-Logan International Airport (WBAN 14739)
Burbank-Glendale-Pasadena Airport (WBAN 23152)
Chicago O'Hare International Airport (WBAN 94846)
Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)
Dallas – Ft. Worth International Airport (WBAN 03927)
Houston-George Bush Intercontinental Airport (WBAN 12960)
Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)~~

Heating Degree Days Strips:

- November – March
- **December – February**

Atlanta Hartsfield International Airport (WBAN 13874)
Boston-Logan International Airport (WBAN 14739)
Burbank-Glendale-Pasadena Airport (WBAN 23152)
Chicago O'Hare International Airport (WBAN 94846)
Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)
Dallas – Ft. Worth International Airport (WBAN 03927)
Houston-George Bush Intercontinental Airport (WBAN 12960)
Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)

● ~~December – February~~

~~Atlanta Hartsfield International Airport (WBAN 13874)
Boston-Logan International Airport (WBAN 14739)
Burbank-Glendale-Pasadena Airport (WBAN 23152)
Chicago O'Hare International Airport (WBAN 94846)
Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)
Dallas – Ft. Worth International Airport (WBAN 03927)
Houston-George Bush Intercontinental Airport (WBAN 12960)
Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)~~

A separate futures contract shall be listed for each strip. The accumulation period of each CME SSHDD or CME SSCDD begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the defined strip.

[Remainder of Chapter unchanged.]

Exhibit C

CME Rulebook

(additions underscored)

Chapter 409

CME European Seasonal CAT Strip Index Futures

40901. CONTRACT SPECIFICATIONS

1. Cumulative Average Temperature (CAT)

The daily average temperature is defined as the arithmetic average of the maximum temperature (Tmax) and minimum temperature (Tmin), measured at the following times for each location. Observations are recorded by the relevant National Meteorological Service and processed by Speedwell Settlement Services Ltd.

- Amsterdam-Schiphol, Netherlands (WMO 06240)
Tmax: observed 0000 UTC_{D0} to 0000 UTC_{D+1} (D = calendar day)
Tmin: observed 0000 UTC_{D0} to 0000 UTC_{D+1} (D = calendar day)
National Meteorological Service: Royal Netherlands Meteorological Institute (KNMI)
- London-Heathrow, United Kingdom (WMO 03772)
Tmax: observed 0850 UTC_{D0} to 0850 UTC_{D+1} (D = calendar day)
Tmin: observed 0850 UTC_{D-1} to 0850 UTC_{D0} (D = calendar day)
National Meteorological Service: UK Met Office
- ESSEN, Germany (WMO 10410)
Tmax: observed 0000 UTC_{D0} to 0000 UTC_{D+1}
Tmin: observed 0000 UTC_{D0} to 0000 UTC_{D+1}
National Meteorological Service: Deutscher Wetterdienst (DWD)
- PARIS ORLY, France (WMO 07149)
Tmax: observed 0600 UTC_{D0} to 0600 UTC_{D+1}
Tmin: observed 1800 UTC_{D-1} to 1800 UTC_{D0}
National Meteorological Service: Meteo France

2. The CME European Seasonal Strip CAT Indexes

Each defined CME European Seasonal Strip CAT index below is the accumulation of like daily average temperatures over the season.

CAT Strips:

- May – September
- July – August
- **Q3 (July – September)**

A separate futures contract shall be listed for each strip. The accumulation period of each CME European Seasonal Strip CAT Index begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the strip.

[Remainder of Chapter unchanged.]

Exhibit D

CME Rulebook

(additions **underscored**)

Chapter 412

CME Pacific Rim Seasonal CAT Index Futures

41201. CONTRACT SPECIFICATIONS

1. Cumulative Average Temperature

The daily average temperature is defined as the arithmetic average calculated over a twenty-four (24) hour period. Observations are recorded by the Japan Meteorological Agency (JMA) and processed by Speedwell Settlement Services Ltd.

- Tokyo, Japan (WMO 47662): Average of the 24-hourly readings between and including 0100 JST D0 and 0000 JST _{D+1} (D = calendar day)

2. The Pacific Rim Seasonal CAT Indexes

Each particular CME Pacific Rim Seasonal index is the accumulation of the daily average temperatures over a minimum of two, and a maximum of seven, consecutive calendar months. A separate futures contract shall be listed for each strip. The accumulation period of each CME Pacific Rim CAT strip index begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the defined strip.

Cooling Degree Days Strips:

- **May – September**
- **July – August**
- **Q3 (July – September)**

Heating Degree Days Strips:

- **November – March**
- **December – February**

[Remainder of Chapter unchanged.]

Exhibit E

CME Rulebook

Chapter 5

(“Trading Qualifications and Practices”)

Position Limits, Position Accountability and Reportable Level Table

(attached under separate cover)

Exhibit F

CME Rulebook Chapter 5 ("Trading Qualifications and Practices")

Rule 588.H. – ("Globex Non-Reviewable Trading Ranges") Table (additions underscored)

| Instrument | Globex Symbol | Outrights | | | Spreads | |
|---|---------------|------------------------------------|--------------------|-------------------|--------------------|-----------------------------|
| | | Globex Non-Reviewable Ranges (NRR) | NRR: Globex Format | NRR:Minimum Ticks | NRR: Globex Format | NRR: Outright Minimum Ticks |
| <u>CME Seasonal Strip Degree Days Index Futures - ATLANTA CDD Q3</u> | <u>3K1</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - BOSTON CDD Q3</u> | <u>3KW</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - BURBANK CDD Q3</u> | <u>3KP</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - CHICAGO CDD Q3</u> | <u>3K2</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - CINCINNATI CDD Q3</u> | <u>3K3</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - HOUSTON CDD Q3</u> | <u>33K</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - NEW YORK CDD Q3</u> | <u>3K4</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - DALLAS CDD Q3</u> | <u>3K5</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - LAS VEGAS CDD Q3</u> | <u>3K0</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS HDD Q3</u> | <u>3KQ</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - SACRAMENTO CDD Q3</u> | <u>3KS</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA CDD Q3</u> | <u>3K6</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - PORTLAND CDD Q3</u> | <u>3K7</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |

| | | | | | | |
|--|---------------------|-------------------------------------|---------------------|---------------------|---------------------|---------------------|
| CME European Seasonal Strip CAT Index Futures - AMSTERDAM CAT Q3 | 3G2 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip CAT Index Futures - ESSEN CAT Q3 | 3G4 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip CAT Index Futures - LONDON CAT Q3 | 3G0 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip CAT Index Futures - PARIS CAT Q3 | 3G1 | 25.00 index points | 25 | 25 | N/A | N/A |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q3 | 3G6 | 100.00 index points | 100 | 100 | N/A | N/A |

| | Globex Symbol | Globex Non-Reviewable Ranges (NRR) |
|--|----------------------|--|
| CME Seasonal Strip Degree Days Index Options - ATLANTA CDD Q3 | 3K1 | <p>The greater of the following:</p> <ul style="list-style-type: none"> • Delta multiplied by the underlying futures non-reviewable range • 20% of premium up to 1/4 of the underlying futures non-reviewable range • 5 ticks |
| CME Seasonal Strip Degree Days Index Options - BOSTON CDD Q3 | 3KW | |
| CME Seasonal Strip Degree Days Index Options - BURBANK CDD Q3 | 3KP | |
| CME Seasonal Strip Degree Days Index Options - CHICAGO CDD Q3 | 3K2 | |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI CDD Q3 | 3K3 | |
| CME Seasonal Strip Degree Days Index Options - HOUSTON CDD Q3 | 33K | |
| CME Seasonal Strip Degree Days Index Options - NEW YORK CDD Q3 | 3K4 | |
| CME Seasonal Strip Degree Days Index Options - DALLAS CDD Q3 | 3K5 | |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS CDD Q3 | 3K0 | |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS HDD Q3 | 3KQ | |
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO CDD Q3 | 3KS | |
| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA CDD Q3 | 3K6 | |
| CME Seasonal Strip Degree Days Index Options - PORTLAND CDD Q3 | 3K7 | |
| CME European Seasonal Strip CAT Index Options - AMSTERDAM CAT Q3 | 3G2 | |
| CME European Seasonal Strip CAT Index Options - ESSEN CAT Q3 | 3G4 | |
| CME European Seasonal Strip CAT Index Options - LONDON CAT Q3 | 3G0 | |
| CME European Seasonal Strip CAT Index Options - PARIS CAT Q3 | 3G1 | |
| Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q3 | 3G6 | |

Effective July 15, 2024

Exhibit G

CME Rulebook

(additions **underscored**)

Chapter 405 CME Seasonal Strip Degree Days Index Futures

40501. CONTRACT SPECIFICATIONS

1. Heating Degree Days and Cooling Degree Days

The daily average temperature is defined as the arithmetic average of the maximum and minimum temperature recorded between 0000 LST to 2359 LST. Observations are recorded by the U.S. National Weather Service and processed by Speedwell Settlement Services Ltd.

For each day, Heating-Degree-Days (HDD) is the greater of (1) zero, (2) 65 degrees Fahrenheit minus the daily average temperature.

For each day, Cooling-Degree-Days (CDD) is the greater of (1) zero, (2) the daily average temperature minus 65 degrees Fahrenheit.

2. The CME Seasonal Strip Degree Days Indexes and Listing Cities

Each defined CME Seasonal Strip Degree Days index below is the accumulation of like Degree Days over the season.

Cooling Degree Days Strips:

- May – September
- July – August
- Q3 (July – September)

Atlanta Hartsfield International Airport (WBAN 13874)
Boston-Logan International Airport (WBAN 14739)
Burbank-Glendale-Pasadena Airport (WBAN 23152)
Chicago O'Hare International Airport (WBAN 94846)
Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)
Dallas – Ft. Worth International Airport (WBAN 03927)
Houston-George Bush Intercontinental Airport (WBAN 12960)
Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)

Heating Degree Days Strips:

- November – March
- December – February
- **Q4 (October – December)**

Atlanta Hartsfield International Airport (WBAN 13874)
Boston-Logan International Airport (WBAN 14739)
Burbank-Glendale-Pasadena Airport (WBAN 23152)
Chicago O'Hare International Airport (WBAN 94846)
Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)
Dallas – Ft. Worth International Airport (WBAN 03927)

Houston-George Bush Intercontinental Airport (WBAN 12960)
Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)

A separate futures contract shall be listed for each strip. The accumulation period of each CME SSHDD or CME SSCDD begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the defined strip.

[Remainder of Chapter unchanged.]

Exhibit H

CME Rulebook

(additions **underscored**)

Chapter 407

CME European Seasonal Strip HDD Index Futures

40701. CONTRACT SPECIFICATIONS

1. Heating Degree Days (HDD)

The daily average temperature is defined as the arithmetic average of the maximum temperature (Tmax) and minimum temperature (Tmin), measured at the following times for each location. Observations are recorded by the relevant National Meteorological Service and processed by Speedwell Settlement Services Ltd.

- Amsterdam-Schiphol, Netherlands (WMO 06240)
Tmax: observed 0000 UTC_{D0} to 0000 UTC_{D+1} (D = calendar day)
Tmin: observed 0000 UTC_{D0} to 0000 UTC_{D+1} (D = calendar day)
National Meteorological Service: Royal Netherlands Meteorological Institute (KNMI)
- London-Heathrow, United Kingdom (WMO 03772)
Tmax: observed 0850 UTC_{D0} to 0850 UTC_{D+1} (D = calendar day)
Tmin: observed 0850 UTC_{D-1} to 0850 UTC_{D0} (D = calendar day)
National Meteorological Service: UK Met Office
- ESSEN, Germany (WMO 10410)
Tmax: observed 0000 UTC_{D0} to 0000 UTC_{D+1}
Tmin: observed 0000 UTC_{D0} to 0000 UTC_{D+1}
National Meteorological Service: Deutscher Wetterdienst (DWD)
- PARIS ORLY, France (WMO 07149)
Tmax: observed 0600 UTC_{D0} to 0600 UTC_{D+1}
Tmin: observed 1800 UTC_{D-1} to 1800 UTC_{D0}
National Meteorological Service: Meteo France

For each day, HDD is the greater of (1) zero, (2) 18 degrees Celsius ("C") minus the daily average temperature.

2. The CME European Seasonal Strip HDD Indexes

Each defined CME European Seasonal Strip HDD index below is the accumulation of like Degree Days over the season.

Heating Degree Days Strips:

- November – March
- December – February
- **Q4 (October – December)**

A separate futures contract shall be listed for each strip. The accumulation period of each CME European Seasonal Strip HDD begins with the first calendar day of the first month of the strip and ends with the last calendar day of the last month in the defined strip.

[Remainder of Chapter unchanged.]

Exhibit I

CME Rulebook

(additions **underscored**)

Chapter 412

CME Pacific Rim Seasonal CAT Index Futures

41201. CONTRACT SPECIFICATIONS

1. Cumulative Average Temperature

The daily average temperature is defined as the arithmetic average calculated over a twenty-four (24) hour period. Observations are recorded by the Japan Meteorological Agency (JMA) and processed by Speedwell Settlement Services Ltd.

- Tokyo, Japan (WMO 47662): Average of the 24-hourly readings between and including 0100 JST D0 and 0000 JST _{D+1} (D = calendar day)

2. The Pacific Rim Seasonal CAT Indexes

Each particular CME Pacific Rim Seasonal index is the accumulation of the daily average temperatures over a minimum of two, and a maximum of seven, consecutive calendar months. A separate futures contract shall be listed for each strip. The accumulation period of each CME Pacific Rim CAT strip index begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the defined strip.

Cooling Degree Days Strips:

- May – September
- July – August
- Q3 (July – September)

Heating Degree Days Strips:

- November – March
- December – February
- **Q4 (October – December)**

[Remainder of Chapter unchanged.]

Exhibit J

**CME Rulebook
Chapter 5
("Trading Qualifications and Practices")**

Position Limits, Position Accountability and Reportable Level Table

(attached under separate cover)

Exhibit K

**CME Rulebook
Chapter 5
("Trading Qualifications and Practices")**

**Rule 588.H. – ("Globex Non-Reviewable Trading Ranges") Table
(additions underscored)**

| Instrument | Globex Symbol | Outrights | | | Spreads | |
|---|---------------|------------------------------------|--------------------|--------------------|--------------------|-----------------------------|
| | | Globex Non-Reviewable Ranges (NRR) | NRR: Globex Format | NRR: Minimum Ticks | NRR: Globex Format | NRR: Outright Minimum Ticks |
| <u>CME Seasonal Strip Degree Days Index Futures - ATLANTA HDD Q4</u> | <u>4H1</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - BOSTON HDD Q4</u> | <u>4HW</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - BURBANK HDD Q4</u> | <u>4LP</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - CHICAGO HDD Q4</u> | <u>4H2</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - CINCINNATI HDD Q4</u> | <u>4H3</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - HOUSTON HDD Q4</u> | <u>4HR</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| <u>CME Seasonal Strip Degree Days Index Futures - NEW YORK HDD Q4</u> | <u>4H4</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |

| | | | | | | |
|--|---------------------|-------------------------------------|---------------------|---------------------|---------------------|---------------------|
| CME Seasonal Strip Degree Days Index Futures - DALLAS HDD Q4 | 4H5 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS HDD Q4 | 4H0 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS HDD Q4 | 4HQ | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO HDD Q4 | 4HS | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA HDD Q4 | 4H6 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD Q4 | 4H7 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip HDD Index Futures - AMSTERDAM HDD Q4 | 4D2 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip HDD Index Futures - ESSEN HDD Q4 | 4D4 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip HDD Index Futures -LONDON HDD Q4 | 4D0 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip HDD Index Futures - PARIS HDD Q4 | 4D1 | 25.00 index points | 25 | 25 | N/A | N/A |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q4 | 4G6 | 100.00 index points | 100 | 100 | N/A | N/A |

| Instrument | Globex Symbol | Globex Non-Reviewable Ranges (NRR) |
|---|----------------------|--|
| CME Seasonal Strip Degree Days Index Options - ATLANTA HDD Q4 | 4H1 | <p>The greater of the following:</p> <ul style="list-style-type: none"> • Delta multiplied by the underlying futures non-reviewable range • 20% of premium up to 1/4 of the underlying futures non-reviewable range • 5 ticks |
| CME Seasonal Strip Degree Days Index Options - BOSTON HDD Q4 | 4HW | |
| CME Seasonal Strip Degree Days Index Options - BURBANK HDD Q4 | 4LP | |
| CME Seasonal Strip Degree Days Index Options - CHICAGO HDD Q4 | 4H2 | |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI HDD Q4 | 4H3 | |
| CME Seasonal Strip Degree Days Index Options - HOUSTON HDD Q4 | 4HR | |
| CME Seasonal Strip Degree Days Index Options - NEW YORK HDD Q4 | 4H4 | |
| CME Seasonal Strip Degree Days Index Options - DALLAS HDD Q4 | 4H5 | |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS HDD Q4 | 4H0 | |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS HDD Q4 | 4HQ | |

| | |
|--|---------------------|
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO HDD Q4 | 4HS |
| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA HDD Q4 | 4H6 |
| CME Seasonal Strip Degree Days Index Options - PORTLAND HDD Q4 | 4H7 |
| CME European Seasonal Strip HDD Index Options - AMSTERDAM HDD Q4 | 4D2 |
| CME European Seasonal Strip HDD Index Options - ESSEN HDD Q4 | 4D4 |
| CME European Seasonal Strip HDD Index Options -LONDON HDD Q4 | 4D0 |
| CME European Seasonal Strip HDD Index Options - PARIS HDD Q4 | 4D1 |
| Pacific Rim Seasonal Strip Index Options TOKYO CAT Q4 | 4G6 |

Effective July 29, 2024

Exhibit L

CME Rulebook

(additions **underscored**)

Chapter 405 CME Seasonal Strip Degree Days Index Futures

40501. CONTRACT SPECIFICATIONS

1. Heating Degree Days and Cooling Degree Days

The daily average temperature is defined as the arithmetic average of the maximum and minimum temperature recorded between 0000 LST to 2359 LST. Observations are recorded by the U.S. National Weather Service and processed by Speedwell Settlement Services Ltd.

For each day, Heating-Degree-Days (HDD) is the greater of (1) zero, (2) 65 degrees Fahrenheit minus the daily average temperature.

For each day, Cooling-Degree-Days (CDD) is the greater of (1) zero, (2) the daily average temperature minus 65 degrees Fahrenheit.

2. The CME Seasonal Strip Degree Days Indexes and Listing Cities

Each defined CME Seasonal Strip Degree Days index below is the accumulation of like Degree Days over the season.

Cooling Degree Days Strips:

- May – September
- July – August
- Q3 (July – September)

Atlanta Hartsfield International Airport (WBAN 13874)

Boston-Logan International Airport (WBAN 14739)

Burbank-Glendale-Pasadena Airport (WBAN 23152)

Chicago O'Hare International Airport (WBAN 94846)

Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)

Dallas – Ft. Worth International Airport (WBAN 03927)

Houston-George Bush Intercontinental Airport (WBAN 12960)

Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)

Heating Degree Days Strips:

- November – March
- December – February
- **Q1 (Jan – March)**
- Q4 (October – December)

Atlanta Hartsfield International Airport (WBAN 13874)
Boston-Logan International Airport (WBAN 14739)
Burbank-Glendale-Pasadena Airport (WBAN 23152)
Chicago O'Hare International Airport (WBAN 94846)
Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)
Dallas – Ft. Worth International Airport (WBAN 03927)
Houston-George Bush Intercontinental Airport (WBAN 12960)
Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)

A separate futures contract shall be listed for each strip. The accumulation period of each CME SSHDD or CME SSCDD begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the defined strip.

[Remainder of Chapter unchanged.]

Exhibit M

CME Rulebook

(additions underscored)

Chapter 407

CME European Seasonal Strip HDD Index Futures

40701. CONTRACT SPECIFICATIONS

1. Heating Degree Days (HDD)

The daily average temperature is defined as the arithmetic average of the maximum temperature (Tmax) and minimum temperature (Tmin), measured at the following times for each location. Observations are recorded by the relevant National Meteorological Service and processed by Speedwell Settlement Services Ltd.

- Amsterdam-Schiphol, Netherlands (WMO 06240)
Tmax: observed 0000 UTC_{D0} to 0000 UTC_{D+1} (D = calendar day)
Tmin: observed 0000 UTC_{D0} to 0000 UTC_{D+1} (D = calendar day)
National Meteorological Service: Royal Netherlands Meteorological Institute (KNMI)
- London-Heathrow, United Kingdom (WMO 03772)

Tmax: observed 0850 UTC_{D0} to 0850 UTC_{D+1} (D = calendar day)
Tmin: observed 0850 UTC_{D-1} to 0850 UTC_{D0} (D = calendar day)
National Meteorological Service: UK Met Office

- ESSEN, Germany (WMO 10410)
Tmax: observed 0000 UTC_{D0} to 0000 UTC_{D+1}
Tmin: observed 0000 UTC_{D0} to 0000 UTC_{D+1}
National Meteorological Service: Deutscher Wetterdienst (DWD)
- PARIS ORLY, France (WMO 07149)
Tmax: observed 0600 UTC_{D0} to 0600 UTC_{D+1}
Tmin: observed 1800 UTC_{D-1} to 1800 UTC_{D0}
National Meteorological Service: Météo France

For each day, HDD is the greater of (1) zero, (2) 18 degrees Celsius (“C”) minus the daily average temperature.

2. The CME European Seasonal Strip HDD Indexes

Each defined CME European Seasonal Strip HDD index below is the accumulation of like Degree Days over the season.

Heating Degree Days Strips:

- November – March
- December – February
- **Q1 (Jan – March)**
- Q4 (October – December)

A separate futures contract shall be listed for each strip. The accumulation period of each CME European Seasonal Strip HDD begins with the first calendar day of the first month of the strip and ends with the last calendar day of the last month in the defined strip.

[Remainder of Chapter unchanged.]

Exhibit N

CME Rulebook

(additions **underscored**)

Chapter 412

CME Pacific Rim Seasonal CAT Index Futures

41201. CONTRACT SPECIFICATIONS

1. Cumulative Average Temperature

The daily average temperature is defined as the arithmetic average calculated over a twenty-four (24) hour period. Observations are recorded by the Japan Meteorological Agency (JMA) and processed by Speedwell Settlement Services Ltd.

- Tokyo, Japan (WMO 47662): Average of the 24-hourly readings between and including 0100 JST D0 and 0000 JST _{D+1} (D = calendar day)

2. The Pacific Rim Seasonal CAT Indexes

Each particular CME Pacific Rim Seasonal index is the accumulation of the daily average temperatures over a minimum of two, and a maximum of seven, consecutive calendar months. A separate futures contract shall be listed for each strip. The accumulation period of each CME Pacific Rim CAT strip index begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the defined strip.

Cooling Degree Days Strips:

- May – September
- July – August
- Q3 (July – September)

Heating Degree Days Strips:

- November – March
- December – February
- **Q1 (Jan – March)**
- Q4 (October – December)

[Remainder of Chapter unchanged.]

Exhibit O

**CME Rulebook
Chapter 5
("Trading Qualifications and Practices")**

Position Limits, Position Accountability and Reportable Level Table

(attached under separate cover)

Exhibit P

**CME Rulebook
Chapter 5
("Trading Qualifications and Practices")**

Rule 588.H. – ("Globex Non-Reviewable Trading Ranges") Table

(additions underscored)

| Instrument | Globex Symbol | Outrights | | | Spreads | |
|--|---------------|------------------------------------|--------------------|--------------------|--------------------|-----------------------------|
| | | Globex Non-Reviewable Ranges (NRR) | NRR: Globex Format | NRR: Minimum Ticks | NRR: Globex Format | NRR: Outright Minimum Ticks |
| <u>CME Seasonal Strip Degree Days Index Futures - ATLANTA HDD Q1</u> | <u>1H1</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |

| | | | | | | |
|--|---------------------|-------------------------------------|---------------------|---------------------|---------------------|---------------------|
| CME Seasonal Strip Degree Days Index Futures - BOSTON HDD Q1 | 1HW | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - BURBANK HDD Q1 | 1LP | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO HDD Q1 | 1H2 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI CDD Q1 | 1H3 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON HDD Q1 | 1HR | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - NEW YORK HDD Q1 | 1H4 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - DALLAS HDD Q1 | 1H5 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS HDD Q1 | 1H0 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS HDD Q1 | 1HQ | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO HDD Q1 | 1HS | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA HDD Q1 | 1H6 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD Q1 | 1H7 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip HDD Index Futures - AMSTERDAM HDD Q1 | 1D2 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip HDD Index Futures - ESSEN HDD Q1 | 1D4 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip HDD Index Futures - LONDON HDD Q1 | 1D0 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip HDD Index Futures - PARIS HDD Q1 | 1D1 | 25.00 index points | 25 | 25 | N/A | N/A |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q1 | 1G6 | 100.00 index points | 100 | 100 | N/A | N/A |

| | Globex Symbol | Globex Non-Reviewable Ranges (NRR) |
|--|----------------------|--|
| CME Seasonal Strip Degree Days Index Options - ATLANTA HDD Q1 | 1H1 | <p>The greater of the following:</p> <ul style="list-style-type: none"> • Delta multiplied by the underlying futures non-reviewable range • 20% of premium up to 1/4 of the underlying futures non-reviewable range • 5 ticks |
| CME Seasonal Strip Degree Days Index Options - BOSTON HDD Q1 | 1HW | |
| CME Seasonal Strip Degree Days Index Options - BURBANK HDD Q1 | 1LP | |
| CME Seasonal Strip Degree Days Index Options - CHICAGO HDD Q1 | 1H2 | |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI CDD Q1 | 1H3 | |
| CME Seasonal Strip Degree Days Index Options - HOUSTON HDD Q1 | 1HR | |

| | | |
|---|----------------------------|--|
| <u>CME Seasonal Strip Degree Days Index Options - NEW YORK HDD Q1</u> | <u>1H4</u> | |
| <u>CME Seasonal Strip Degree Days Index Options - DALLAS HDD Q1</u> | <u>1H5</u> | |
| <u>CME Seasonal Strip Degree Days Index Options - LAS VEGAS HDD Q1</u> | <u>1H0</u> | |
| <u>CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS HDD Q1</u> | <u>1HQ</u> | |
| <u>CME Seasonal Strip Degree Days Index Options - SACRAMENTO HDD Q1</u> | <u>1HS</u> | |
| <u>CME Seasonal Strip Degree Days Index Options - PHILADELPHIA HDD Q1</u> | <u>1H6</u> | |
| <u>CME Seasonal Strip Degree Days Index Options - PORTLAND HDD Q1</u> | <u>1H7</u> | |
| <u>CME European Seasonal Strip HDD Index Options - AMSTERDAM HDD Q1</u> | <u>1D2</u> | |
| <u>CME European Seasonal Strip HDD Index Options - ESSEN HDD Q1</u> | <u>1D4</u> | |
| <u>CME European Seasonal Strip HDD Index Options - LONDON HDD Q1</u> | <u>1D0</u> | |
| <u>CME European Seasonal Strip HDD Index Options - PARIS HDD Q1</u> | <u>1D1</u> | |
| <u>Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q1</u> | <u>1G6</u> | |

Effective August 26, 2024

Exhibit Q

CME Rulebook

(additions underscored)

Chapter 405 CME Seasonal Strip Degree Days Index Futures

40501. CONTRACT SPECIFICATIONS

1. Heating Degree Days and Cooling Degree Days

The daily average temperature is defined as the arithmetic average of the maximum and minimum temperature recorded between 0000 LST to 2359 LST. Observations are recorded by the U.S. National Weather Service and processed by Speedwell Settlement Services Ltd.

For each day, Heating-Degree-Days (HDD) is the greater of (1) zero, (2) 65 degrees Fahrenheit minus the daily average temperature.

For each day, Cooling-Degree-Days (CDD) is the greater of (1) zero, (2) the daily average temperature minus 65 degrees Fahrenheit.

2. The CME Seasonal Strip Degree Days Indexes and Listing Cities

Each defined CME Seasonal Strip Degree Days index below is the accumulation of like Degree Days over the season.

Cooling Degree Days Strips:

- May – September
- July – August
- **Q2 (April – June)**
- Q3 (July – September)

Atlanta Hartsfield International Airport (WBAN 13874)
Boston-Logan International Airport (WBAN 14739)
Burbank-Glendale-Pasadena Airport (WBAN 23152)
Chicago O'Hare International Airport (WBAN 94846)
Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)
Dallas – Ft. Worth International Airport (WBAN 03927)
Houston-George Bush Intercontinental Airport (WBAN 12960)
Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)

Heating Degree Days Strips:

- November – March
- December – February
- Q1 (Jan – March)
- Q4 (October – December)

Atlanta Hartsfield International Airport (WBAN 13874)
Boston-Logan International Airport (WBAN 14739)
Burbank-Glendale-Pasadena Airport (WBAN 23152)
Chicago O'Hare International Airport (WBAN 94846)

Cincinnati-Northern Kentucky (Covington) Airport (WBAN 93814)
Dallas – Ft. Worth International Airport (WBAN 03927)
Houston-George Bush Intercontinental Airport (WBAN 12960)
Las Vegas McCarran International Airport (WBAN 23169)
Minneapolis-St. Paul International Airport (WBAN 14922)
New York La Guardia Airport (WBAN 14732)
Philadelphia International Airport (WBAN 13739)
Portland International Airport (WBAN 24229)
Sacramento Executive Airport (WBAN 23232)

A separate futures contract shall be listed for each strip. The accumulation period of each CME SSHDD or CME SSCDD begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the defined strip.

[Remainder of Chapter unchanged.]

Exhibit R

CME Rulebook

(additions **underscored**)

Chapter 409

CME European Seasonal CAT Strip Index Futures

40901. CONTRACT SPECIFICATIONS

1. Cumulative Average Temperature (CAT)

The daily average temperature is defined as the arithmetic average of the maximum temperature (Tmax) and minimum temperature (Tmin), measured at the following times for each location. Observations are recorded by the relevant National Meteorological Service and processed by Speedwell Settlement Services Ltd.

- Amsterdam-Schiphol, Netherlands (WMO 06240)
Tmax: observed 0000 UTC_{D0} to 0000 UTC_{D+1} (D = calendar day)
Tmin: observed 0000 UTC_{D0} to 0000 UTC_{D+1} (D = calendar day)
National Meteorological Service: Royal Netherlands Meteorological Institute (KNMI)
- London-Heathrow, United Kingdom (WMO 03772)
Tmax: observed 0850 UTC_{D0} to 0850 UTC_{D+1} (D = calendar day)
Tmin: observed 0850 UTC_{D-1} to 0850 UTC_{D0} (D = calendar day)
National Meteorological Service: UK Met Office
- ESSEN, Germany (WMO 10410)
Tmax: observed 0000 UTC_{D0} to 0000 UTC_{D+1}
Tmin: observed 0000 UTC_{D0} to 0000 UTC_{D+1}
National Meteorological Service: Deutscher Wetterdienst (DWD)
- PARIS ORLY, France (WMO 07149)
Tmax: observed 0600 UTC_{D0} to 0600 UTC_{D+1}
Tmin: observed 1800 UTC_{D-1} to 1800 UTC_{D0}
National Meteorological Service: Météo France

2. The CME European Seasonal Strip CAT Indexes

Each defined CME European Seasonal Strip CAT index below is the accumulation of like daily average temperatures over the season.

CAT Strips:

- May – September
- July – August
- **Q2 (April – June)**
- Q3 (July – September)

A separate futures contract shall be listed for each strip. The accumulation period of each CME European Seasonal Strip CAT Index begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the strip.

[Remainder of Chapter unchanged.]

Exhibit S
CME Rulebook

(additions **underscored**)

Chapter 412
CME Pacific Rim Seasonal CAT Index Futures

41201. CONTRACT SPECIFICATIONS

1. Cumulative Average Temperature

The daily average temperature is defined as the arithmetic average calculated over a twenty-four (24) hour period. Observations are recorded by the Japan Meteorological Agency (JMA) and processed by Speedwell Settlement Services Ltd.

- Tokyo, Japan (WMO 47662): Average of the 24-hourly readings between and including 0100 JST D0 and 0000 JST _{D+1} (D = calendar day)

2. The Pacific Rim Seasonal CAT Indexes

Each particular CME Pacific Rim Seasonal index is the accumulation of the daily average temperatures over a minimum of two, and a maximum of seven, consecutive calendar months. A separate futures contract shall be listed for each strip. The accumulation period of each CME Pacific Rim CAT strip index begins with the first calendar day of the first month of the strip, and ends with the last calendar day of the last month of the defined strip.

Cooling Degree Days Strips:

- May – September
- July – August
- **Q2 (April – June)**
- Q3 (July – September)

Heating Degree Days Strips:

- November – March
- December – February
- Q1 (Jan – March)
- Q4 (October – December)

[Remainder of Chapter unchanged.]

Exhibit T

**CME Rulebook
Chapter 5
("Trading Qualifications and Practices")**

Position Limits, Position Accountability and Reportable Level Table

(attached under separate cover)

Exhibit U

**CME Rulebook
Chapter 5
("Trading Qualifications and Practices")**

Rule 588.H. – ("Globex Non-Reviewable Trading Ranges") Table

(additions underscored)

| Instrument | Globex Symbol | Outrights | | | Spreads | |
|--|---------------|------------------------------------|--------------------|--------------------|--------------------|-----------------------------|
| | | Globex Non-Reviewable Ranges (NRR) | NRR: Globex Format | NRR: Minimum Ticks | NRR: Globex Format | NRR: Outright Minimum Ticks |
| CME Seasonal Strip Degree Days Index Futures - ATLANTA CDD Q2 | <u>2K1</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| CME Seasonal Strip Degree Days Index Futures - BOSTON CDD Q2 | <u>2KW</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| CME Seasonal Strip Degree Days Index Futures - BURBANK CDD Q2 | <u>2KP</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| CME Seasonal Strip Degree Days Index Futures - CHICAGO CDD Q2 | <u>2K2</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| CME Seasonal Strip Degree Days Index Futures - CINCINNATI HDD Q2 | <u>2K3</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| CME Seasonal Strip Degree Days Index Futures - HOUSTON CDD Q2 | <u>2KR</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| CME Seasonal Strip Degree Days Index Futures - NEW YORK CDD Q2 | <u>2K4</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| CME Seasonal Strip Degree Days Index Futures - DALLAS CDD Q2 | <u>2K5</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |
| CME Seasonal Strip Degree Days Index Futures - LAS VEGAS CDD Q2 | <u>2K0</u> | <u>25.00 index points</u> | <u>25</u> | <u>25</u> | <u>N/A</u> | <u>N/A</u> |

| | | | | | | |
|--|---------------------|-------------------------------------|---------------------|---------------------|---------------------|---------------------|
| CME Seasonal Strip Degree Days Index Futures - MINNEAPOLIS HDD Q2 | 2KQ | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - SACRAMENTO CDD Q2 | 2KS | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - PHILADELPHIA CDD Q2 | 2K6 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME Seasonal Strip Degree Days Index Futures - PORTLAND CDD Q2 | 2K7 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip CAT Index Futures - AMSTERDAM CAT Q2 | G22 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip CAT Index Futures - ESSEN CAT Q2 | G42 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip CAT Index Futures - LONDON CAT Q2 | G02 | 25.00 index points | 25 | 25 | N/A | N/A |
| CME European Seasonal Strip CAT Index Futures - PARIS CAT Q2 | G12 | 25.00 index points | 25 | 25 | N/A | N/A |
| Pacific Rim Seasonal Strip Index Futures - TOKYO CAT Q2 | G62 | 100.00 index points | 100 | 100 | N/A | N/A |

| Instrument | Globex Symbol | Globex Non-Reviewable Ranges (NRR) |
|--|----------------------|--|
| CME Seasonal Strip Degree Days Index Options - ATLANTA CDD Q2 | 2K1 | <p>The greater of the following:</p> <ul style="list-style-type: none"> • Delta multiplied by the underlying futures non-reviewable range • 20% of premium up to 1/4 of the underlying futures non-reviewable range • 5 ticks |
| CME Seasonal Strip Degree Days Index Options - BOSTON CDD Q2 | 2KW | |
| CME Seasonal Strip Degree Days Index Options - BURBANK CDD Q2 | 2KP | |
| CME Seasonal Strip Degree Days Index Options - CHICAGO CDD Q2 | 2K2 | |
| CME Seasonal Strip Degree Days Index Options - CINCINNATI HDD Q2 | 2K3 | |
| CME Seasonal Strip Degree Days Index Options - HOUSTON CDD Q2 | 2KR | |
| CME Seasonal Strip Degree Days Index Options - NEW YORK CDD Q2 | 2K4 | |
| CME Seasonal Strip Degree Days Index Options - DALLAS CDD Q2 | 2K5 | |
| CME Seasonal Strip Degree Days Index Options - LAS VEGAS CDD Q2 | 2K0 | |
| CME Seasonal Strip Degree Days Index Options - MINNEAPOLIS HDD Q2 | 2KQ | |
| CME Seasonal Strip Degree Days Index Options - SACRAMENTO CDD Q2 | 2KS | |
| CME Seasonal Strip Degree Days Index Options - PHILADELPHIA CDD Q2 | 2K6 | |
| CME Seasonal Strip Degree Days Index Options - PORTLAND CDD Q2 | 2K7 | |
| CME European Seasonal Strip CAT Index Options - AMSTERDAM CAT Q2 | G22 | |

| | | |
|---|---------------------|--|
| CME European Seasonal Strip CAT Index Options - ESSEN CAT Q2 | G42 | |
| CME European Seasonal Strip CAT Index Options - LONDON CAT Q2 | G02 | |
| CME European Seasonal Strip CAT Index Options - PARIS CAT Q2 | G12 | |
| Pacific Rim Seasonal Strip Index Options - TOKYO CAT Q2 | G62 | |