SUBMISSION COVER SHEET IMPORTANT: Check box if Confidential Treatment is requested Registered Entity Identifier Code (optional): 19-430 **Organization: Chicago Mercantile Exchange Inc. ("CME")** \times DCM SEF DCO SDR Filing as a: Please note - only ONE choice allowed. Filing Date (mm/dd/yy): November 20, 2019 Filing Description: Weekly Notification of Amendments Related to Product Terms and Conditions - Week of November 11, 2019 **SPECIFY FILING TYPE** Please note only ONE choice allowed per Submission. **Organization Rules and Rule Amendments** Certification § 40.6(a) Approval § 40.5(a) Notification § 40.6(d) Advance Notice of SIDCO Rule Change § 40.10(a) SIDCO Emergency Rule Change § 40.10(h) **Rule Numbers: New Product** Please note only ONE product per Submission. Certification § 40.2(a) § 41.23(a) **Certification Security Futures** Certification Swap Class § 40.2(d) Approval § 40.3(a) **Approval Security Futures** § 41.23(b) Novel Derivative Product Notification § 40.12(a) **Swap Submission** § 39.5 Official Product Name: **Product Terms and Conditions (product related Rules and Rule Amendments)** Certification § 40.6(a) Certification Made Available to Trade Determination § 40.6(a) **Certification Security Futures** § 41.24(a) Delisting (No Open Interest) § 40.6(a) Approval § 40.5(a) Approval Made Available to Trade Determination § 40.5(a) **Approval Security Futures** § 41.24(c) Approval Amendments to enumerated agricultural products § 40.4(a), § 40.5(a) "Non-Material Agricultural Rule Change" § 40.4(b)(5) Notification § 40.6(d) Official Name(s) of Product(s) Affected: See filing. Rule Numbers: See filing.



November 20, 2019

VIA ELECTRONIC PORTAL

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

RE: CFTC Regulation 40.6(d) Notification. Chicago Mercantile Exchange Inc. ("CME" or "Exchange") Weekly Notification of Amendments Related to Product Terms and

Conditions.

CME Submission No. 19-430

Dear Mr. Kirkpatrick:

Pursuant to Commodity Futures Trading Commission ("CFTC" or "Commission") Regulation 40.6(d), the Exchange submits this weekly notification of the following amendments related to product terms and conditions made effective during the week of November 11, 2019.

On November 6, 2019, the Exchange filed Submission No. 19-386 (1 of 22) regarding the initial listing of twenty-two (22) Portland and Tokyo Weather Futures and Options contracts (the "Contracts") effective on Sunday, November 24, 2019 for trade date Monday, November 25, 2019. Special Executive Report ("SER") 8469R was released on November 15, 2019 but was subsequently revised on November 19, 2019 as 8469RR and advised the marketplace that the Exchange was clarifying the trading and clearing venues for the Contracts and correcting the related trading and clearing hours for the Contracts. SER 8469RR is attached hereto as Exhibit A.

If you require any additional information, please contact the undersigned at (212) 299-2200 or via e-mail at CMEGSubmissionInquiry@cmegroup.com.

Sincerely,

/s/ Christopher Bowen
Managing Director and Chief Regulatory Counsel

Attachment: Exhibit A – SER #8469RR

Exhibit A



Special Executive Report

DATE: November 19, 2019

SER#: 8469RR

SUBJECT: Initial Listing of Twenty-Two (22) Portland and Tokyo Weather Futures and

Option Contracts

(This SER supersedes SER 8469R dated November 15, 2019 and is being issued to clarify the trading and clearing venues and to correct the related trading and clearing hours as noted below. No other amendments have been made to SER 8469R.)

Effective Sunday, November 24, 2019 for trade date Monday, November 25, 2019, and pending all relevant CFTC regulatory review periods, Chicago Mercantile Exchange Inc. ("CME" or "Exchange") will list the CME Degree Days Index Futures – Portland HDD/CDD contract, Pacific Rim Index Futures – Tokyo CAT contract and their related options (the "Contracts"). Specifically, the futures contracts will be available for trading on the CME Globex electronic platform and for submission for clearing via CME ClearPort and the options contracts will be available for trading on the CME trading floor and for submission for clearing via CME ClearPort.

Exhibit 1 summarizes the Contracts' terms and conditions. Applicable Exchange fees are shown in Exhibit 2. Please refer questions to:

Business Line Management

Michael Marano (+1 312-454-8338 or Michael.Marano@cmegroup.com)

Research and Product Development

Dominic Sutton-Vermeulen (+1 312-715-6145 or Dominic.Sutton-Vermeulen@cmegroup.com)

Exhibit 1 -- Contract Specifications for Portland and Tokyo Futures and Options Contracts:

Contract Title/Commodity					
Code/Rulebook CME Degree Days Index Futures - PORTLAND CDD CME Degree Days Index Options - PORTLAND CDD CME Seasonal Strip Degree Days Index K7K 403A					CME Rulebook Chapter
CME Degree Days Index Options - PORTLAND CDD CME Seasonal Strip Degree Days Index K7K 405 Futures - PORTLAND CDD MAY CME Seasonal Strip Degree Days Index Options - PORTLAND CDD MAY CME Seasonal Strip Degree Days Index Options - PORTLAND CDD JMAY CME Seasonal Strip Degree Days Index Futures - PORTLAND CDD JML CME Seasonal Strip Degree Days Index Options - PORTLAND CDD JML CME Seasonal Strip Degree Days Index Options - PORTLAND CDD JML CME Degree Days Index Futures - PORTLAND HDD CME Degree Days Index Options - H7 403 CME Seasonal Strip Degree Days Index Options - PORTLAND HDD CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim			es -		403
CME Seasonal Strip Degree Days Index		CME Degree Days Index Option	ns -	K7	403A
CME Seasonal Strip Degree Days Index Options - PORTLAND CDD MAY CME Seasonal Strip Degree Days Index Futures - PORTLAND CDD JUL CME Seasonal Strip Degree Days Index Options - PORTLAND CDD JUL CME Seasonal Strip Degree Days Index Options - PORTLAND CDD JUL CME Degree Days Index Options - PORTLAND CDD JUL CME Degree Days Index Options - PORTLAND HDD CME Seasonal Strip Degree Days Index Options - PORTLAND HDD CME Seasonal Strip Degree Days Index Options - PORTLAND HDD CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - TOKYO CAT G6 411 Pacific Rim Index Options - TOKYO CAT G6 411 Pacific Rim Seasonal Strip Index G6K 412 Pacific Rim Seasonal Strip Index G6X 412 Pacific Rim Seasonal Strip Index G6Z 412 Pacific Rim Index Seasonal S		CME Seasonal Strip Degree Da	-	K7K	405
CME Seasonal Strip Degree Days Index Futures - PORTLAND CDD JUL CME Seasonal Strip Degree Days Index Options - PORTLAND CDD JUL CME Degree Days Index Futures - PORTLAND CDD JUL CME Degree Days Index Futures - PORTLAND CDD JUL CME Degree Days Index Futures - PORTLAND HDD CME Seasonal Strip Degree Days Index Options - PORTLAND HDD CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Index Options - PORTLAND HDD DEC CME Seasonal Strip Index Options - PORTLAND HDD DEC CME Seasonal Strip Index Options - PORTLAND HDD DEC CME Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim In		CME Seasonal Strip Degree Da	ys Index	K7K	405A
CME Seasonal Strip Degree Days Index Options - PORTLAND CDD JUL CME Degree Days Index Futures - PORTLAND HDD CME Degree Days Index Futures - PORTLAND HDD CME Degree Days Index Options - PORTLAND HDD CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Index CME CME Seasonal Strip Index CME		CME Seasonal Strip Degree Da	ys Index	K7N	405
CME Degree Days Index Futures - H7 403 PORTLAND HDD CME Degree Days Index Options - H7 403A PORTLAND HDD CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC Pacific Rim Index Futures - TOKYO CAT G6 411 Pacific Rim Index Futures - TOKYO CAT G6 411A Pacific Rim Seasonal Strip Index Futures - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Futures - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Futures - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Futures - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Futures - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Futures - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Degree Day Index Tokyo CAT Pacific Rim Seasonal CDD/HDD S20 (US Dollars) times the respective CME Pacific Rim Seasonal CDD/HDD S20 (US Dollars) times the respective CME Degree Day Index Options - TOKYO CAT DEC Degree Day Index Options - TOKYO CAT DEC Options Strike Pri		CME Seasonal Strip Degree Da	ıys Index	K7N	405A
PORTLÁND HDD CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC Pacific Rim Index Futures - TOKYO CAT Pacific Rim Index Pottons - TOKYO CAT Pacific Rim Index Pottons - TOKYO CAT Pacific Rim Seasonal Strip Index Futures - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Options Strike Price Index Point in a range of 0 to 15		CME Degree Days Index Future		H7	403
Futures - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Options - PORTLAND HDD NOV CME Seasonal Strip Degree Days Index Futures - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC Pacific Rim Index Options - TOKYO CAT G6 411 G6 412 G6 412 G6 412 G6 412 G6 412 G6 G6 G7 G6 G7 G7 G7 G7			ns -	H7	403A
Options - PORTLAND HDD NOV FITX		Futures - PORTLAND HDD NO	V	H7X	405
Futures - PORTLAND HDD DEC CME Seasonal Strip Degree Days Index Options - PORTLAND HDD DEC Pacific Rim Index Futures - TOKYO CAT G6 411 A11A Pacific Rim Seasonal Strip Index Futures - TOKYO CAT G6 411 A11A Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index G6K 412A A12A A1		Options - PORTLAND HDD NO	Ý	H7X	405A
Options - PORTLAND HDD DEC Pacific Rim Index Futures - TOKYO CAT G6 411 Pacific Rim Index Options - TOKYO CAT G6 411A Pacific Rim Index Options - TOKYO CAT G6 411A Pacific Rim Seasonal Strip Index Futures - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Degree Day Index Tokyo CAT Evaluation Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points		Futures - PORTLAND HDD DEC	Š	H7Z	
Pacific Rim Index Options - TOKYO CAT G6 411A Pacific Rim Seasonal Strip Index Futures - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Futures - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacif		Options - PORTLAND HDD DE	Ć		
Pacific Rim Index Options - TOKYO CAT G6 411A Pacific Rim Seasonal Strip Index Futures - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Futures - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Trading Unit Portland CDD/HDD \$20 (US Dollars) times the respective CME Degree Day Index V2,500 (Japanese Yen) times the respective CME Pacific Rim Index Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points Tokyo CAT Of index points in a range of 0 to 1500 index points Tokyo Seasonal CAT Of index points in a range of 0 to 1500 index points Tokyo Seasonal CAT Of index points in a range of 0 to 1500 index points Nov, Dec, Jan, Feb, Mar, Oct, Apr		Pacific Rim Index Futures - TO	KYO CAT	G6	411
Pacific Rim Seasonal Strip Index Futures - TOKYO CAT MAY					411A
Pacific Rim Seasonal Strip Index Options - TOKYO CAT MAY Pacific Rim Seasonal Strip Index Futures - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Futures - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Futures - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options Strike Price Intervals Options Strike Price Intervals Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index points in a range of 0 to 1500 index points HDD: 1 index points in a range of 0 to 1500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 1500 index points Index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range of 0 to 1500 index points		Pacific Rim Seasonal Strip Inde			
Pacific Rim Seasonal Strip Index Futures - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Futures - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Futures - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Trading Unit Portland CDD/HDD S20 (US Dollars) times the respective CME Degree Day Index Tokyo CAT Facific Rim Index Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index points HDD: 1 index point in a range of 0 to 1500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 8500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 1500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 8500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 8500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 8500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 8500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 8500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 8500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 8500 index points Tokyo Seasonal CAT O1 index points in a range of 0 to 8500 index points		Pacific Rim Seasonal Strip Inde	ex	G6K	412A
Pacific Rim Seasonal Strip Index Options - TOKYO CAT JUL Pacific Rim Seasonal Strip Index Futures - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Futures - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Portland CDD/HDD Substitute Strip Index Pacific Rim Index Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index points Tokyo CAT O1 index points in a range of 0 to 1500 index points Tokyo Seasonal CAT O1 index points in a range 0 to 8500 index points Listing Schedule Portland CDD/HDD CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr		Pacific Rim Seasonal Strip Inde	ex	G6N	412
Pacific Rim Seasonal Strip Index Futures - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Futures - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Portland CDD/HDD \$20 (US Dollars) times the respective CME Degree Day Index Tokyo CAT \$2,500 (Japanese Yen) times the respective CME Pacific Rim Index Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index points HDD: 1 index points in a range of 0 to 1500 index points Tokyo CAT Oli index points in a range of 0 to 1500 index points Tokyo Seasonal CAT Oli index points in a range of 0 to 1500 index points Tokyo Seasonal CAT Oli index points in a range of 0 to 1500 index points Tokyo Seasonal CAT Oli index points in a range of 0 to 8500 index points CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr			ex	G6N	412A
Options - TOKYO CAT NOV Pacific Rim Seasonal Strip Index Futures - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Trading Unit Portland CDD/HDD \$20 (US Dollars) times the respective CME Degree Day Index Tokyo CAT \$2,500 (Japanese Yen) times the respective CME Pacific Rim Index Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index points HDD: 1 index points in a range of 0 to 1500 index points Tokyo CAT Of index points in a range of 0 to 1500 index points Tokyo Seasonal CAT Of index points in a range of 0 to 8500 index points CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr		Pacific Rim Seasonal Strip Inde Futures - TOKYO CAT NOV		G6X	412
Futures - TOKYO CAT DEC Pacific Rim Seasonal Strip Index Options - TOKYO CAT DEC Portland CDD/HDD \$20 (US Dollars) times the respective CME Degree Day Index Tokyo CAT \$2,500 (Japanese Yen) times the respective CME Pacific Rim Index Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index points in a range of 0 to 1500 index points Tokyo CAT O1 index points in a range 0 to 8500 index points Listing Schedule Portland CDD/HDD CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr		Options - TOKYO CAT NOV		G6X	412A
Options - TOKYO CAT DEC Trading Unit Portland CDD/HDD \$20 (US Dollars) times the respective CME Degree Day Index Tokyo CAT \$2,500 (Japanese Yen) times the respective CME Pacific Rim Index Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index points HDD: 1 index points in a range of 0 to 1500 index points HDD: 1 index points in a range of 0 to 1500 index points HDD: 1 index points in a range of 0 to 1500 index points Tokyo CAT Tokyo Seasonal CAT Listing Schedule Options - TOKYO CAT \$20 (US Dollars) times the respective CME Pacific Rim Index CDD: 1 index point in a range of 0 to 1500 index points CDD: 1 index point in a range of 0 to 1500 index points O1 index points in a range 0 to 8500 index points CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr		Futures - TOKYO CAT DEC		G6Z	412
Degree Day Index Tokyo CAT Facific Rim Index Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index points HDD: 1 index point in a range of 0 to 16,000 index point Tokyo CAT Tokyo Seasonal CAT Listing Schedule Degree Day Index \$\frac{\pmathbb{2}{2},500 (Japanese Yen) times the respective CME Pacific Rim Index CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points O1 index points in a range of 0 to 1500 index points CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr		Options - TOKYO CAT DEC			
Options Strike Price Intervals Portland CDD/HDD CDD: 1 index point in a range of 0 to 1500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index points HDD: 1 index point in a range of 0 to 16,000 index point in a range of 0 to 1500 index points 1 index points in a range of 0 to 1500 index points 1 index points in a range of 0 to 1500 index points 1 index points in a range 0 to 8500 index points 1 index points in a range 0 to 8500 index points 1 index points in a range 0 to 8500 index points 2 index points index points 2 index points index points 3 index points index points 2 index points index points index points index points 2 index points index points index points 2 index points index points 3 index points index points 3 index points index points 3 index	Trading Unit		Degree Day Index		
Intervals Portland Seasonal CDD/HDD CDD: 1 index point in a range 0 to 3200 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index points O1 index points in a range of 0 to 1500 index points O1 index points in a range 0 to 8500 index points CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr			Pacific Rin	n Index	
Portland Seasonal CDD/HDD CDD: 1 index point in a range of 0 to 7500 index points HDD: 1 index point in a range of 0 to 16,000 index point index point in a range of 0 to 1500 index points Tokyo Seasonal CAT Listing Schedule Portland CDD/HDD CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr		Portland CDD/HDD			
Tokyo CAT .01 index points in a range of 0 to 1500 index points Tokyo Seasonal CAT .01 index points in a range 0 to 8500 index points Listing Schedule Portland CDD/HDD CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr		Portland Seasonal CDD/HDD	CDD: 1 inde	ex point in a rang	e of 0 to 7500 index points
Listing Schedule Tokyo Seasonal CAT O1 index points in a range 0 to 8500 index points CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr		Tokyo CAT			
Listing Schedule Portland CDD/HDD CDD: May, Jun, Jul, Aug, Sep HDD: Nov, Dec, Jan, Feb, Mar, Oct, Apr					
	Listing Schedule		CDD: May,	Jun, Jul, Aug, Se	ep
i ortiana ocasonai obbribb obb. May-oep, sui-hag		Portland Seasonal CDD/HDD			
_		- I Gruana Geasonal GDD/HDD	ODD. Iviay-C	Jop, Jul-Aug	

	Tokyo CAT	HDD: Nov-Mar, Dec-Feb 12 consecutive months		
	Tokyo Seasonal CAT	May-Sep, Jul-Aug, Nov-Mar, Dec-Feb		
Options Exercise Procedure	European Style			
Initial Listing Months	November 2019 – Nov			
Trading and Clearing				
Hours		daily trading halts between 3:15 p.m 5		
	CME ClearPort (Future			
	Options)	break Monday-Thursday from 4:00 p.m.	5:00 p.m. C1	
Minima una Duia a	Open Outcry (Options)		-tt\	
Minimum Price Increments	Portland CDD/HDD	1 index point (= \$20 per co		
Termination		Tokyo CAT .01 index point (= ¥25 per contract) 9:00 AM CT on the first business day that is at least 2 calendar days after the last calendar day of		
of Trading	the month	The first pushiess day that is at least 2 calefidat days after the last calefidat day of		
	Options trading shall to	erminate on the same date and time as the underlying	futures contract	
Final Settlement	Portland CDD/HDD	CDD: The final settlement price of Monthly Cooling D Index Futures is based on the respective CME CDD I MDA Information Systems, Inc. The CME CDD Index the average degrees that the outside air temperature temperature of 65°F (or 18°C for non-U.S. cities) in the day in the contract month.	ndex reported by is equal to the sum or rises above the base	
Tokyo (HDD: The final settlement price of Monthly Heating D Index Futures is based on the respective CME HDD I MDA Information Systems, Inc. The CME HDD Index the average degrees that the outside air temperature temperature of 65°F (or 18°C for non-U.S. cities) in the day in the contract month.	ndex reported by is equal to the sum of drops below the base	
		Final settlement occurs on the second business day a month for U.S. cities and on the fifth business day aft for international cities.		
	Tokyo CAT	The daily average temperature is defined as the arith accumulated over a twenty-four (24) hour period as rule Information Systems, Inc using data received from the Meteorological Agency for the following meteorologic	eported by MDA e Japan	
		 Toyko, Japan (WMO 47662): Between 0100 current day. 	0 and 2400 JST the	
		Each particular CME Pacific Rim CAT Index is the act daily average temperatures over a calendar month. T period of each CME Pacific Rim CAT Index futures of first calendar day of the contract month and ends with of the contract month.	he accumulation ontract begins with the	
		Each particular CME Pacific Rim CAT Index is the act daily average temperatures over a calendar month. T period of each CME Pacific Rim CAT Index futures of first calendar day of the contract month and ends with of the contract month. All futures contracts remaining open at the termination settled using the CME Pacific Rim Index reported by Systems, Inc. for that contract month, using the meth that date, on the first Exchange Business Day that is days after the futures contract month. For example, of May 2007 futures contract on the Tokyo Index would 467.20 degrees.	The accumulation ontract begins with the the last calendar days of trading shall be MDA Information odology in effect on at least two calendar on June 4, 2007, the have been settled at	
Position Limits and		Each particular CME Pacific Rim CAT Index is the act daily average temperatures over a calendar month. The period of each CME Pacific Rim CAT Index futures confirst calendar day of the contract month and ends with of the contract month. All futures contracts remaining open at the termination settled using the CME Pacific Rim Index reported by Systems, Inc. for that contract month, using the meth that date, on the first Exchange Business Day that is days after the futures contract month. For example, of May 2007 futures contract on the Tokyo Index would 467.20 degrees. Single Month Accountability Level	The accumulation ontract begins with the the last calendar day on of trading shall be MDA Information odology in effect on at least two calendar on June 4, 2007, the have been settled at Reportable Levels	
Position Limits and Reportable Levels	Portland CDD/HDD Tokyo CAT	Each particular CME Pacific Rim CAT Index is the act daily average temperatures over a calendar month. T period of each CME Pacific Rim CAT Index futures of first calendar day of the contract month and ends with of the contract month. All futures contracts remaining open at the termination settled using the CME Pacific Rim Index reported by Systems, Inc. for that contract month, using the meth that date, on the first Exchange Business Day that is days after the futures contract month. For example, of May 2007 futures contract on the Tokyo Index would 467.20 degrees.	The accumulation ontract begins with the the last calendar days on of trading shall be MDA Information odology in effect on at least two calendar on June 4, 2007, the have been settled at	

Exhibit 2 - Exchange Fees

Membership Type	Venue/Transaction Type	Fee
	Open Outcry	\$0.02
Individual Members	CME Globex	\$0.15
Clearing Members	EFP	\$0.46
Rule 106.J Equity Member Firms & Rule 106.J Qualified Subsidiaries	EFR	\$0.46
Rule 106.I Members & Rule 106.I Qualified Affiliates	Block	\$0.46
Rule 106.S Member Approved Funds	Delivery	\$0.02
	Exe Asn Future From	\$0.07
	Open Outcry	\$0.07
	CME Globex	\$0.20
D 1 400 D 1	EFP	\$0.51
Rule 106.D Lessees	EFR	\$0.51
Rule 106.F Employees	Block	\$0.51
	Delivery	\$0.07
	Exe Asn Future From	\$0.12
Rule 106.R Electronic Corporate Members (For other than CME Globex - Non-Member rates apply)	CME Globex	\$0.44
	Open Outcry	\$0.12
	CME Globex	\$0.25
	EFP	\$0.56
Rule 106.H and 106.N Firms	EFR	\$0.56
	Block	\$0.56
	Delivery	\$0.12
	Exe Asn Future From	\$0.17
International Incentive Program (IIP) and International Volume Incentive Program (IVIP) Participants (Open Outcry at same rate as CME Globex for Interest Rate products only)	CME Globex	\$0.25
Central Bank Incentive Program (CBIP), Emerging Markets Bank Incentive Program (EMBIP), Latin American Fund Manager Incentive Program (FMIP), Participants (For other than CME Globex - Non-Member rates apply)	CME Globex	\$0.54
	Open Outcry	\$0.16
	CME Globex	\$0.54
CDOE Mambara	EFP	\$0.60
CBOE Members (For S&P products only; for all other products - Non-Member rates apply)	EFR	\$0.60
(1 of oar products offin, for all other products - Northwelliber rates apply)	Block	\$0.60
	Delivery	\$0.16
	Exe Asn Future From	\$0.21
CTA/Hedge Fund Incentive Program Participants (For other than FX CME Globex - Non-Member rates apply)	CME Globex	\$0.54

Members Trading Outside of Division (For other than CME Globex During ETH - Non-Member rates apply)	CME Globex During ETH Only	\$0.29
	Open Outcry	\$0.16
	CME Globex	\$0.54
	EFP	\$0.60
Non-Members	EFR	\$0.60
	Block	\$0.60
	Delivery	\$0.16
	Exe Asn Future From	\$0.21

Processing Fees	Fee
106.D Lessee/106.H Brokerage	\$0.13
106.F Employee Brokerage	\$0.13
Floor / "New" Brokerage	\$0.04
Position Adjustment/Position Transfer	\$0.10
Give-Up Surcharge	\$0.05
Facilitation Fee	\$0.40