

**SUBMITTED VIA CFTC PORTAL**

Secretary of the Commission  
Office of the Secretariat  
U.S. Commodity Futures Trading Commission  
Three Lafayette Centre  
1155 21st Street, N.W.  
Washington, D.C. 20581

Re: KalshiEX LLC. Weekly Notification of Rule Amendments Pursuant to Regulation 40.6(d)

Dear Madam or Sir,

Pursuant to Commodity Futures Trading Commission Regulation 40.6(d), the Exchange submits this weekly notification of the following rule amendments effective during the week of December 11, 2022 to December 17, 2022.

Rule changes relating to the following rules [ 538APPROVE, APPROVE, CHIHIGH, EURUSD, FRM, GAS, INX, NASDAQ100, NGAS, NHIGH, RATECUT, TSAW, USDJPY, WTIOIL, YOYCPI ] and relating to the following products [ Will the President's approval rating be  $\{\{above/below/between> \{\{percentage\ points\}\}\}$  on  $\{\{date\}\}$  according to FiveThirtyEight? , What will Joe Biden's approval rating be? , What will the high temperature be in Chicago? , Will EUR/USD be  $\{above/below/between\} \{count\}?$  , Will the 30-Yr FRM be above  $\{interest\ rate\}?$  , What will average gas prices be? , Will \$INX close on ? , Will the Nasdaq-100 close ? , What will the price of natural gas be? , What will the high temperature be in Central Park? , Will the Federal Reserve cut rates by  $\{\{date\}\}?$  , How many people will be screened by the TSA on average this week? , Will USD/JPY be  $\{above/below/between\} \{count\}?$  , Will the settle price of WTI crude oil futures be  $\{\{above/below/between\}\} \{\{price\}\}$  for  $\{\{date\}\}?$  , Will year-over-year inflation for the year ending be ? ] were amended as noted in detail below:

- Changes made to ticker 538APPROVE (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will the President's approval rating be  $\{\{above/below/between> \{\{percentage\ points\}\}\}$  on  $\{\{date\}\}$  according to FiveThirtyEight?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**538APPROVE-22DEC21-B41.9**

Date: December 21, 2022  
Above/Below/Between: between  
Percentage Points: 41.8-42.0  
Cap\_strike: 42.0  
Floor\_strike: 41.8

**538APPROVE-22DEC21-B42.2**

Date: December 21, 2022  
Above/Below/Between: between  
Percentage Points: 42.1-42.3  
Cap\_strike: 42.3  
Floor\_strike: 42.1

**538APPROVE-22DEC21-B42.5**

Date: December 21, 2022  
Above/Below/Between: between  
Percentage Points: 42.4-42.6  
Cap\_strike: 42.6  
Floor\_strike: 42.4

**538APPROVE-22DEC21-B42.8**

Date: December 21, 2022  
Above/Below/Between: between  
Percentage Points: 42.7-42.9  
Cap\_strike: 42.9  
Floor\_strike: 42.7

**538APPROVE-22DEC21-B43.1**

Date: December 21, 2022  
Above/Below/Between: between  
Percentage Points: 43.0-43.2  
Cap\_strike: 43.2  
Floor\_strike: 43.0

**538APPROVE-22DEC21-B43.4**

Date: December 21, 2022  
Above/Below/Between: between  
Percentage Points: 43.3-43.5  
Cap\_strike: 43.5  
Floor\_strike: 43.3

**538APPROVE-22DEC21-B43.7**

Date: December 21, 2022  
Above/Below/Between: between  
Percentage Points: 43.6-43.8  
Cap\_strike: 43.8  
Floor\_strike: 43.6

**538APPROVE-22DEC21-T41.8**

Date: December 21, 2022  
Above/Below/Between: below  
Percentage Points: 41.8  
Cap\_strike: 41.8  
Floor\_strike: NA

**538APPROVE-22DEC21-T43.8**

Date: December 21, 2022  
Above/Below/Between: above  
Percentage Points: 43.8  
Cap\_strike: NA  
Floor\_strike: 43.8

- Changes made to ticker APPROVE (Category: Economic/Demographic Measure - non-US Govt, Product Name: What will Joe Biden's approval rating be? ) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**APRPOTUS-22DEC23-B42.5**

Percentage Points: 42.4 and 42.6  
Above/below/between: between  
Date: December 23, 2022  
Cap\_strike: 42.6  
Floor\_strike: 42.4

**APRPOTUS-22DEC23-B42.8**

Percentage Points: 42.7 and 42.9  
Above/below/between: between  
Date: December 23, 2022  
Cap\_strike: 42.9  
Floor\_strike: 42.7

**APRPOTUS-22DEC23-B43.1**

Percentage Points: 43.0 and 43.2  
Above/below/between: between  
Date: December 23, 2022  
Cap\_strike: 43.2  
Floor\_strike: 43.0

**APRPOTUS-22DEC23-B43.4**

Percentage Points: 43.3 and 43.5  
Above/below/between: between  
Date: December 23, 2022  
Cap\_strike: 43.5  
Floor\_strike: 43.3

**APRPOTUS-22DEC23-B43.7**

Percentage Points: 43.6 and 43.8  
Above/below/between: between  
Date: December 23, 2022  
Cap\_strike: 43.8  
Floor\_strike: 43.6

**APRPOTUS-22DEC23-B44.0**

Percentage Points: 43.9 and 44.1  
Above/below/between: between  
Date: December 23, 2022  
Cap\_strike: 44.1  
Floor\_strike: 43.9

**APRPOTUS-22DEC23-B44.3**

Percentage Points: 44.2 and 44.4  
Above/below/between: between  
Date: December 23, 2022  
Cap\_strike: 44.4  
Floor\_strike: 44.2

**APRPOTUS-22DEC23-T42.4**

Percentage Points: 42.4  
Above/below/between: below  
Date: December 23, 2022  
Cap\_strike: NA  
Floor\_strike: NA

**APRPOTUS-22DEC23-T44.4**

Percentage Points: 44.4  
Above/below/between: above  
Date: December 23, 2022  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker CHIHIGH (Category: Weather/Climate, Product Name: What will the high temperature be in Chicago?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**HIGHCHI-22DEC12-B38.5**

Date: December 12, 2022  
Degrees: 38-39  
Greater than/Less than/Between: between  
Cap\_strike: 39  
Floor\_strike: 38

**HIGHCHI-22DEC12-B40.5**

Date: December 12, 2022  
Degrees: 40-41  
Greater than/Less than/Between: between  
Cap\_strike: 41  
Floor\_strike: 40

**HIGHCHI-22DEC12-B42.5**

Date: December 12, 2022  
Degrees: 42-43  
Greater than/Less than/Between: between  
Cap\_strike: 43  
Floor\_strike: 42

**HIGHCHI-22DEC12-B44.5**

Date: December 12, 2022  
Degrees: 44-45  
Greater than/Less than/Between: between  
Cap\_strike: 45  
Floor\_strike: 44

**HIGHCHI-22DEC12-T38**

Date: December 12, 2022  
Degrees: 38  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC12-T45**

Date: December 12, 2022  
Degrees: 45  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC13-B38.5**

Date: December 13, 2022  
Degrees: 38-39  
Greater than/Less than/Between: between  
Cap\_strike: 39  
Floor\_strike: 38

**HIGHCHI-22DEC13-B40.5**

Date: December 13, 2022  
Degrees: 40-41  
Greater than/Less than/Between: between  
Cap\_strike: 41  
Floor\_strike: 40

**HIGHCHI-22DEC13-B42.5**

Date: December 13, 2022  
Degrees: 42-43  
Greater than/Less than/Between: between  
Cap\_strike: 43  
Floor\_strike: 42

**HIGHCHI-22DEC13-B44.5**

Date: December 13, 2022  
Degrees: 44-45

Greater than/Less than/Between: between  
Cap\_strike: 45  
Floor\_strike: 44

**HIGHCHI-22DEC13-T38**

Date: December 13, 2022  
Degrees: 38  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC13-T45**

Date: December 13, 2022  
Degrees: 45  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC14-B44.5**

Date: December 14, 2022  
Degrees: 44-45  
Greater than/Less than/Between: between  
Cap\_strike: 45  
Floor\_strike: 44

**HIGHCHI-22DEC14-B46.5**

Date: December 14, 2022  
Degrees: 46-47  
Greater than/Less than/Between: between  
Cap\_strike: 47  
Floor\_strike: 46

**HIGHCHI-22DEC14-B48.5**

Date: December 14, 2022  
Degrees: 48-49  
Greater than/Less than/Between: between  
Cap\_strike: 49  
Floor\_strike: 48

**HIGHCHI-22DEC14-B50.5**

Date: December 14, 2022  
Degrees: 50-51  
Greater than/Less than/Between: between  
Cap\_strike: 51  
Floor\_strike: 50

**HIGHCHI-22DEC14-T44**

Date: December 14, 2022  
Degrees: 44  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC14-T51**

Date: December 14, 2022  
Degrees: 51  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC15-B35.5**

Date: December 15, 2022  
Degrees: 35-36  
Greater than/Less than/Between: between  
Cap\_strike: 36  
Floor\_strike: 35

**HIGHCHI-22DEC15-B37.5**

Date: December 15, 2022  
Degrees: 37-38  
Greater than/Less than/Between: between  
Cap\_strike: 38  
Floor\_strike: 37

**HIGHCHI-22DEC15-B39.5**

Date: December 15, 2022  
Degrees: 39-40  
Greater than/Less than/Between: between  
Cap\_strike: 40  
Floor\_strike: 39

**HIGHCHI-22DEC15-B41.5**

Date: December 15, 2022  
Degrees: 41-42  
Greater than/Less than/Between: between  
Cap\_strike: 42  
Floor\_strike: 41

**HIGHCHI-22DEC15-T35**

Date: December 15, 2022  
Degrees: 35  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC15-T42**

Date: December 15, 2022  
Degrees: 42  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC16-B27.5**

Date: December 16, 2022  
Degrees: 27-28  
Greater than/Less than/Between: between  
Cap\_strike: 28  
Floor\_strike: 27

**HIGHCHI-22DEC16-B29.5**

Date: December 16, 2022  
Degrees: 29-30  
Greater than/Less than/Between: between  
Cap\_strike: 30  
Floor\_strike: 29

**HIGHCHI-22DEC16-B31.5**

Date: December 16, 2022  
Degrees: 31-32

Greater than/Less than/Between: between  
Cap\_strike: 32  
Floor\_strike: 31

**HIGHCHI-22DEC16-B33.5**

Date: December 16, 2022  
Degrees: 33-34  
Greater than/Less than/Between: between  
Cap\_strike: 34  
Floor\_strike: 33

**HIGHCHI-22DEC16-T27**

Date: December 16, 2022  
Degrees: 27  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC16-T34**

Date: December 16, 2022  
Degrees: 34  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC17-B25.5**

Date: December 17, 2022  
Degrees: 25-26  
Greater than/Less than/Between: between  
Cap\_strike: 26  
Floor\_strike: 25

**HIGHCHI-22DEC17-B27.5**

Date: December 17, 2022  
Degrees: 27-28  
Greater than/Less than/Between: between  
Cap\_strike: 28  
Floor\_strike: 27

**HIGHCHI-22DEC17-B29.5**

Date: December 17, 2022  
Degrees: 29-30  
Greater than/Less than/Between: between  
Cap\_strike: 30  
Floor\_strike: 29

**HIGHCHI-22DEC17-B31.5**

Date: December 17, 2022  
Degrees: 31-32  
Greater than/Less than/Between: between  
Cap\_strike: 32  
Floor\_strike: 31

**HIGHCHI-22DEC17-T25**

Date: December 17, 2022  
Degrees: 25  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC17-T32**

Date: December 17, 2022  
Degrees: 32  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC18-B23.5**

Date: December 18, 2022  
Degrees: 23-24  
Greater than/Less than/Between: between  
Cap\_strike: 24  
Floor\_strike: 23

**HIGHCHI-22DEC18-B25.5**

Date: December 18, 2022  
Degrees: 25-26  
Greater than/Less than/Between: between  
Cap\_strike: 26  
Floor\_strike: 25

**HIGHCHI-22DEC18-B27.5**

Date: December 18, 2022  
Degrees: 27-28  
Greater than/Less than/Between: between  
Cap\_strike: 28  
Floor\_strike: 27

**HIGHCHI-22DEC18-B29.5**

Date: December 18, 2022  
Degrees: 29-30  
Greater than/Less than/Between: between  
Cap\_strike: 30  
Floor\_strike: 29

**HIGHCHI-22DEC18-T23**

Date: December 18, 2022  
Degrees: 23  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-22DEC18-T30**

Date: December 18, 2022  
Degrees: 30  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker EURUSD (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will EUR/USD be {above/below/between} {count}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**EURUSD-22DEC1210-1.04800**

Count: 1.04800  
Date: December 12, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA



Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1210-1.049**

Count: 1.04800-1.04999  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.04999  
Floor\_strike: 1.04800  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1210-1.051**

Count: 1.05000-1.05199  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05199  
Floor\_strike: 1.05000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1210-1.053**

Count: 1.05200-1.05399  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05399  
Floor\_strike: 1.05200  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1210-1.055**

Count: 1.05400-1.05599  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05599  
Floor\_strike: 1.05400  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1210-1.057**

Count: 1.05600-1.05799  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05799  
Floor\_strike: 1.05600  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1210-1.05799**

Count: 1.05799  
Date: December 12, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1218-1.05000**

Count: 1.05000

Date: December 12, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1218-1.051**

Count: 1.05000-1.05199  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05199  
Floor\_strike: 1.05000  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1218-1.053**

Count: 1.05200-1.05399  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05399  
Floor\_strike: 1.05200  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1218-1.055**

Count: 1.05400-1.05599  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05599  
Floor\_strike: 1.05400  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1218-1.057**

Count: 1.05600-1.05799  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05799  
Floor\_strike: 1.05600  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1218-1.059**

Count: 1.05800-1.05999  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05999  
Floor\_strike: 1.05800  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1218-1.05999**

Count: 1.05999  
Date: December 12, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST

Expiration Time: 7 PM EST

**EURUSD-22DEC1310-1.04800**

Count: 1.04800  
Date: December 13, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1310-1.049**

Count: 1.04800-1.04999  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.04999  
Floor\_strike: 1.04800  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1310-1.051**

Count: 1.05000-1.05199  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05199  
Floor\_strike: 1.05000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1310-1.053**

Count: 1.05200-1.05399  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05399  
Floor\_strike: 1.05200  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1310-1.055**

Count: 1.05400-1.05599  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05599  
Floor\_strike: 1.05400  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1310-1.057**

Count: 1.05600-1.05799  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05799  
Floor\_strike: 1.05600  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1310-1.05799**

Count: 1.05799  
Date: December 13, 2022

Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1318-1.06000**

Count: 1.06000  
Date: December 13, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1318-1.061**

Count: 1.06000-1.06199  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06199  
Floor\_strike: 1.06000  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1318-1.063**

Count: 1.06200-1.06399  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06399  
Floor\_strike: 1.06200  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1318-1.065**

Count: 1.06400-1.06599  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06599  
Floor\_strike: 1.06400  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1318-1.067**

Count: 1.06600-1.06799  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06799  
Floor\_strike: 1.06600  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1318-1.069**

Count: 1.06800-1.06999  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06999  
Floor\_strike: 1.06800  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1318-1.06999**

Count: 1.06999  
Date: December 13, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1410-1.05800**

Count: 1.05800  
Date: December 14, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1410-1.059**

Count: 1.05800-1.05999  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05999  
Floor\_strike: 1.05800  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1410-1.061**

Count: 1.06000-1.06199  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06199  
Floor\_strike: 1.06000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1410-1.063**

Count: 1.06200-1.06399  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06399  
Floor\_strike: 1.06200  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1410-1.065**

Count: 1.06400-1.06599  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06599  
Floor\_strike: 1.06400  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1410-1.067**

Count: 1.06600-1.06799  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06799

Floor\_strike: 1.06600  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1410-1.06799**

Count: 1.06799  
Date: December 14, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1418-1.05800**

Count: 1.05800  
Date: December 14, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1418-1.059**

Count: 1.05800-1.05999  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05999  
Floor\_strike: 1.05800  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1418-1.061**

Count: 1.06000-1.06199  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06199  
Floor\_strike: 1.06000  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1418-1.063**

Count: 1.06200-1.06399  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06399  
Floor\_strike: 1.06200  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1418-1.065**

Count: 1.06400-1.06599  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06599  
Floor\_strike: 1.06400  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1418-1.067**

Count: 1.06600-1.06799  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06799  
Floor\_strike: 1.06600  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1418-1.06799**

Count: 1.06799  
Date: December 14, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1510-1.06400**

Count: 1.06400  
Date: December 15, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1510-1.065**

Count: 1.06400-1.06599  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06599  
Floor\_strike: 1.06400  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1510-1.067**

Count: 1.06600-1.06799  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06799  
Floor\_strike: 1.06600  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1510-1.069**

Count: 1.06800-1.06999  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06999  
Floor\_strike: 1.06800  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1510-1.071**

Count: 1.07000-1.07199  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.07199  
Floor\_strike: 1.07000

Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1510-1.073**

Count: 1.07200-1.07399  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.07399  
Floor\_strike: 1.07200  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1510-1.07399**

Count: 1.07399  
Date: December 15, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1518-1.06600**

Count: 1.06600  
Date: December 15, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1518-1.067**

Count: 1.06600-1.06799  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06799  
Floor\_strike: 1.06600  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1518-1.069**

Count: 1.06800-1.06999  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06999  
Floor\_strike: 1.06800  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1518-1.071**

Count: 1.07000-1.07199  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.07199  
Floor\_strike: 1.07000  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1518-1.073**

Count: 1.07200-1.07399



Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.07399  
Floor\_strike: 1.07200  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1518-1.075**

Count: 1.07400-1.07599  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 1.07599  
Floor\_strike: 1.07400  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1518-1.07599**

Count: 1.07599  
Date: December 15, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**EURUSD-22DEC1610-1.05800**

Count: 1.05800  
Date: December 16, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1610-1.059**

Count: 1.05800-1.05999  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 1.05999  
Floor\_strike: 1.05800  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1610-1.061**

Count: 1.06000-1.06199  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06199  
Floor\_strike: 1.06000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1610-1.063**

Count: 1.06200-1.06399  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06399  
Floor\_strike: 1.06200  
Time: 10 AM EST

Expiration Time: 11 AM EST

**EURUSD-22DEC1610-1.065**

Count: 1.06400-1.06599  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06599  
Floor\_strike: 1.06400  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1610-1.067**

Count: 1.06600-1.06799  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 1.06799  
Floor\_strike: 1.06600  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**EURUSD-22DEC1610-1.06799**

Count: 1.06799  
Date: December 16, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

- Changes made to ticker FRM (Category: Economic/Demographic Measure - US Govt, Product Name: Will the 30-Yr FRM be above {interest rate}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**FRM-22DEC15-T6.00**

Interest Rate: 6.00  
Date: December 15, 2022  
Expo\_Date: December 22, 2022

**FRM-22DEC15-T6.10**

Interest Rate: 6.10  
Date: December 15, 2022  
Expo\_Date: December 22, 2022

**FRM-22DEC15-T6.20**

Interest Rate: 6.20  
Date: December 15, 2022  
Expo\_Date: December 22, 2022

**FRM-22DEC15-T6.30**

Interest Rate: 6.30  
Date: December 15, 2022  
Expo\_Date: December 22, 2022

**FRM-22DEC15-T6.40**

Interest Rate: 6.40  
Date: December 15, 2022  
Expo\_Date: December 22, 2022

**FRM-22DEC15-T6.50**

Interest Rate: 6.50  
Date: December 15, 2022  
Expo\_Date: December 22, 2022

**FRM-22DEC22-T6.15**

Interest Rate: 6.15  
Date: December 22, 2022  
Expo\_Date: December 29, 2022

**FRM-22DEC22-T6.20**

Interest Rate: 6.20  
Date: December 22, 2022  
Expo\_Date: December 29, 2022

**FRM-22DEC22-T6.25**

Interest Rate: 6.25  
Date: December 22, 2022  
Expo\_Date: December 29, 2022

**FRM-22DEC22-T6.30**

Interest Rate: 6.30  
Date: December 22, 2022  
Expo\_Date: December 29, 2022

**FRM-22DEC22-T6.35**

Interest Rate: 6.35  
Date: December 22, 2022  
Expo\_Date: December 29, 2022

**FRM-22DEC22-T6.40**

Interest Rate: 6.40  
Date: December 22, 2022  
Expo\_Date: December 29, 2022

**FRM-22DEC22-T6.45**

Interest Rate: 6.45  
Date: December 22, 2022  
Expo\_Date: December 29, 2022

**FRM-22DEC22-T6.50**

Interest Rate: 6.50  
Date: December 22, 2022  
Expo\_Date: December 29, 2022

The Expiration Time has been moved to 12:05 PM ET . The previous version expired at 10:05 AM ET, as the data was released at 10:00 AM. In November 2022, the Source Agency moved their release date to noon. As a result, this change maximizes the probability that the contract can be determined at the earliest possible moment. The Last Trading Time has correspondingly changed from 9:55 AM ET to 11:55 AM ET.

- Changes made to ticker GAS (Category: Economic/Demographic Measure - US Govt, Product Name: What will average gas prices be?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**GAS-22DEC19-T3.00**

Date: December 19, 2022  
Price: \$3.00  
Expo\_date: January 02, 2023

**GAS-22DEC19-T3.05**

Date: December 19, 2022  
Price: \$3.05  
Expo\_date: January 02, 2023

**GAS-22DEC19-T3.10**

Date: December 19, 2022

Price: \$3.10  
Expo\_date: January 02, 2023

**GAS-22DEC19-T3.15**

Date: December 19, 2022  
Price: \$3.15  
Expo\_date: January 02, 2023

**GAS-22DEC19-T3.20**

Date: December 19, 2022  
Price: \$3.20  
Expo\_date: January 02, 2023

**GAS-22DEC19-T3.25**

Date: December 19, 2022  
Price: \$3.25  
Expo\_date: January 02, 2023

**GAS-22DEC19-T3.30**

Date: December 19, 2022  
Price: \$3.30  
Expo\_date: January 02, 2023

- Changes made to ticker INX (Category: Commodity Price, Product Name: Will \$INX close on ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**INXD-22DEC13-B3775**

Value: 3750-3799.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 3799.99  
Floor\_strike: 3750

**INXD-22DEC13-B3825**

Value: 3800-3849.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 3849.99  
Floor\_strike: 3800

**INXD-22DEC13-B3875**

Value: 3850-3899.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 3899.99  
Floor\_strike: 3850

**INXD-22DEC13-B3925**

Value: 3900-3949.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 3949.99  
Floor\_strike: 3900

**INXD-22DEC13-B3975**

Value: 3950-3999.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 3999.99

Floor\_strike: 3950

**INXD-22DEC13-B4025**

Value: 4000-4049.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 4049.99  
Floor\_strike: 4000

**INXD-22DEC13-B4075**

Value: 4050-4099.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 4099.99  
Floor\_strike: 4050

**INXD-22DEC13-B4125**

Value: 4100-4149.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 4149.99  
Floor\_strike: 4100

**INXD-22DEC13-T3750**

Value: 3750  
Date: December 13, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**INXD-22DEC13-T4149.99**

Value: 4149.99  
Date: December 13, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**INXD-22DEC14-B3825**

Value: 3800-3849.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 3849.99  
Floor\_strike: 3800

**INXD-22DEC14-B3875**

Value: 3850-3899.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 3899.99  
Floor\_strike: 3850

**INXD-22DEC14-B3925**

Value: 3900-3949.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 3949.99  
Floor\_strike: 3900

**INXD-22DEC14-B3975**

Value: 3950-3999.99

Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 3999.99  
Floor\_strike: 3950

**INXD-22DEC14-B4025**

Value: 4000-4049.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 4049.99  
Floor\_strike: 4000

**INXD-22DEC14-B4075**

Value: 4050-4099.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 4099.99  
Floor\_strike: 4050

**INXD-22DEC14-B4125**

Value: 4100-4149.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 4149.99  
Floor\_strike: 4100

**INXD-22DEC14-B4175**

Value: 4150-4199.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 4199.99  
Floor\_strike: 4150

**INXD-22DEC14-T3800**

Value: 3800  
Date: December 14, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**INXD-22DEC14-T4199.99**

Value: 4199.99  
Date: December 14, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**INXD-22DEC15-B3825**

Value: 3800-3849.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 3849.99  
Floor\_strike: 3800

**INXD-22DEC15-B3875**

Value: 3850-3899.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 3899.99  
Floor\_strike: 3850

**INXD-22DEC15-B3925**

Value: 3900-3949.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 3949.99  
Floor\_strike: 3900

**INXD-22DEC15-B3975**

Value: 3950-3999.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 3999.99  
Floor\_strike: 3950

**INXD-22DEC15-B4025**

Value: 4000-4049.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 4049.99  
Floor\_strike: 4000

**INXD-22DEC15-B4075**

Value: 4050-4099.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 4099.99  
Floor\_strike: 4050

**INXD-22DEC15-B4125**

Value: 4100-4149.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 4149.99  
Floor\_strike: 4100

**INXD-22DEC15-B4175**

Value: 4150-4199.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 4199.99  
Floor\_strike: 4150

**INXD-22DEC15-T3800**

Value: 3800  
Date: December 15, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**INXD-22DEC15-T4199.99**

Value: 4199.99  
Date: December 15, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**INXD-22DEC19-B3675**

Value: 3650-3699.99  
Date: December 19, 2022



Above/Below/Between: between  
Cap\_strike: 3699.99  
Floor\_strike: 3650

**INXD-22DEC19-B3725**

Value: 3700-3749.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 3749.99  
Floor\_strike: 3700

**INXD-22DEC19-B3775**

Value: 3750-3799.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 3799.99  
Floor\_strike: 3750

**INXD-22DEC19-B3825**

Value: 3800-3849.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 3849.99  
Floor\_strike: 3800

**INXD-22DEC19-B3875**

Value: 3850-3899.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 3899.99  
Floor\_strike: 3850

**INXD-22DEC19-B3925**

Value: 3900-3949.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 3949.99  
Floor\_strike: 3900

**INXD-22DEC19-B3975**

Value: 3950-3999.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 3999.99  
Floor\_strike: 3950

**INXD-22DEC19-B4025**

Value: 4000-4049.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 4049.99  
Floor\_strike: 4000

**INXD-22DEC19-T3650**

Value: 3650  
Date: December 19, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**INXD-22DEC19-T4049.99**

Value: 4049.99  
Date: December 19, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**INXW-22DEC23-B3575**

Value: 3550-3599.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 3599.99  
Floor\_strike: 3550

**INXW-22DEC23-B3625**

Value: 3600-3649.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 3649.99  
Floor\_strike: 3600

**INXW-22DEC23-B3675**

Value: 3650-3699.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 3699.99  
Floor\_strike: 3650

**INXW-22DEC23-B3725**

Value: 3700-3749.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 3749.99  
Floor\_strike: 3700

**INXW-22DEC23-B3775**

Value: 3750-3799.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 3799.99  
Floor\_strike: 3750

**INXW-22DEC23-B3825**

Value: 3800-3849.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 3849.99  
Floor\_strike: 3800

**INXW-22DEC23-B3875**

Value: 3850-3899.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 3899.99  
Floor\_strike: 3850

**INXW-22DEC23-B3925**

Value: 3900-3949.99  
Date: December 23, 2022

Above/Below/Between: between  
Cap\_strike: 3949.99  
Floor\_strike: 3900

**INXW-22DEC23-B3975**

Value: 3950-3999.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 3999.99  
Floor\_strike: 3950

**INXW-22DEC23-B4025**

Value: 4000-4049.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 4049.99  
Floor\_strike: 4000

**INXW-22DEC23-B4075**

Value: 4050-4099.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 4099.99  
Floor\_strike: 4050

**INXW-22DEC23-B4125**

Value: 4100-4149.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 4149.99  
Floor\_strike: 4100

**INXW-22DEC23-B4175**

Value: 4150-4199.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 4199.99  
Floor\_strike: 4150

**INXW-22DEC23-T3550**

Value: 3550  
Date: December 23, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**INXW-22DEC23-T4199.99**

Value: 4199.99  
Date: December 23, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**INXY-23DEC29-B2800**

Value: 2700-2899.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 2899.99  
Floor\_strike: 2700

**INXY-23DEC29-B3000**

Value: 2900-3099.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 3099.99  
Floor\_strike: 2900

**INXY-23DEC29-B3200**

Value: 3100-3299.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 3299.99  
Floor\_strike: 3100

**INXY-23DEC29-B3400**

Value: 3300-3499.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 3499.99  
Floor\_strike: 3300

**INXY-23DEC29-B3600**

Value: 3500-3699.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 3699.99  
Floor\_strike: 3500

**INXY-23DEC29-B3800**

Value: 3700-3899.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 3899.99  
Floor\_strike: 3700

**INXY-23DEC29-B4000**

Value: 3900-4099.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 4099.99  
Floor\_strike: 3900

**INXY-23DEC29-B4200**

Value: 4100-4299.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 4299.99  
Floor\_strike: 4100

**INXY-23DEC29-B4400**

Value: 4300-4499.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 4499.99  
Floor\_strike: 4300

**INXY-23DEC29-B4600**

Value: 4500-4699.99  
Date: December 29, 2023

Above/Below/Between: between  
Cap\_strike: 4699.99  
Floor\_strike: 4500

**INXY-23DEC29-B4800**

Value: 4700-4899.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 4899.99  
Floor\_strike: 4700

**INXY-23DEC29-B5000**

Value: 4900-5099.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 5099.99  
Floor\_strike: 4900

**INXY-23DEC29-B5200**

Value: 5100-5299.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 5299.99  
Floor\_strike: 5100

**INXY-23DEC29-T2700**

Value: 2700  
Date: December 29, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**INXY-23DEC29-T5299.99**

Value: 5299.99  
Date: December 29, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker NASDAQ100 (Category: Commodity Price, Product Name: Will the Nasdaq-100 close ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**NASDAQ100D-22DEC13-B11350**

Value: 11300 and 11399.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 11399.99  
Floor\_strike: 11300

**NASDAQ100D-22DEC13-B11450**

Value: 11400 and 11499.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 11499.99  
Floor\_strike: 11400

**NASDAQ100D-22DEC13-B11550**

Value: 11500 and 11599.99  
Date: December 13, 2022

Above/Below/Between: between  
Cap\_strike: 11599.99  
Floor\_strike: 11500

**NASDAQ100D-22DEC13-B11650**

Value: 11600 and 11699.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 11699.99  
Floor\_strike: 11600

**NASDAQ100D-22DEC13-B11750**

Value: 11700 and 11799.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 11799.99  
Floor\_strike: 11700

**NASDAQ100D-22DEC13-B11850**

Value: 11800 and 11899.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 11899.99  
Floor\_strike: 11800

**NASDAQ100D-22DEC13-B11950**

Value: 11900 and 11999.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 11999.99  
Floor\_strike: 11900

**NASDAQ100D-22DEC13-B12050**

Value: 12000 and 12099.99  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 12099.99  
Floor\_strike: 12000

**NASDAQ100D-22DEC13-T11300**

Value: 11300  
Date: December 13, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100D-22DEC13-T12099.99**

Value: 12099.99  
Date: December 13, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100D-22DEC14-B11450**

Value: 11400 and 11499.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 11499.99  
Floor\_strike: 11400

**NASDAQ100D-22DEC14-B11550**

Value: 11500 and 11599.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 11599.99  
Floor\_strike: 11500

**NASDAQ100D-22DEC14-B11650**

Value: 11600 and 11699.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 11699.99  
Floor\_strike: 11600

**NASDAQ100D-22DEC14-B11750**

Value: 11700 and 11799.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 11799.99  
Floor\_strike: 11700

**NASDAQ100D-22DEC14-B11850**

Value: 11800 and 11899.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 11899.99  
Floor\_strike: 11800

**NASDAQ100D-22DEC14-B11950**

Value: 11900 and 11999.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 11999.99  
Floor\_strike: 11900

**NASDAQ100D-22DEC14-B12050**

Value: 12000 and 12099.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 12099.99  
Floor\_strike: 12000

**NASDAQ100D-22DEC14-B12150**

Value: 12100 and 12199.99  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 12199.99  
Floor\_strike: 12100

**NASDAQ100D-22DEC14-T11400**

Value: 11400  
Date: December 14, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100D-22DEC14-T12199.99**

Value: 12199.99  
Date: December 14, 2022

Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100D-22DEC15-B11350**

Value: 11300 and 11399.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 11399.99  
Floor\_strike: 11300

**NASDAQ100D-22DEC15-B11450**

Value: 11400 and 11499.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 11499.99  
Floor\_strike: 11400

**NASDAQ100D-22DEC15-B11550**

Value: 11500 and 11599.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 11599.99  
Floor\_strike: 11500

**NASDAQ100D-22DEC15-B11650**

Value: 11600 and 11699.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 11699.99  
Floor\_strike: 11600

**NASDAQ100D-22DEC15-B11750**

Value: 11700 and 11799.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 11799.99  
Floor\_strike: 11700

**NASDAQ100D-22DEC15-B11850**

Value: 11800 and 11899.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 11899.99  
Floor\_strike: 11800

**NASDAQ100D-22DEC15-B11950**

Value: 11900 and 11999.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 11999.99  
Floor\_strike: 11900

**NASDAQ100D-22DEC15-B12050**

Value: 12000 and 12099.99  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 12099.99  
Floor\_strike: 12000



**NASDAQ100D-22DEC15-T11300**

Value: 11300  
Date: December 15, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100D-22DEC15-T12099.99**

Value: 12099.99  
Date: December 15, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100D-22DEC19-B10850**

Value: 10800 and 10899.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 10899.99  
Floor\_strike: 10800

**NASDAQ100D-22DEC19-B10950**

Value: 10900 and 10999.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 10999.99  
Floor\_strike: 10900

**NASDAQ100D-22DEC19-B11050**

Value: 11000 and 11099.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 11099.99  
Floor\_strike: 11000

**NASDAQ100D-22DEC19-B11150**

Value: 11100 and 11199.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 11199.99  
Floor\_strike: 11100

**NASDAQ100D-22DEC19-B11250**

Value: 11200 and 11299.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 11299.99  
Floor\_strike: 11200

**NASDAQ100D-22DEC19-B11350**

Value: 11300 and 11399.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 11399.99  
Floor\_strike: 11300

**NASDAQ100D-22DEC19-B11450**

Value: 11400 and 11499.99  
Date: December 19, 2022

Above/Below/Between: between  
Cap\_strike: 11499.99  
Floor\_strike: 11400

**NASDAQ100D-22DEC19-B11550**

Value: 11500 and 11599.99  
Date: December 19, 2022  
Above/Below/Between: between  
Cap\_strike: 11599.99  
Floor\_strike: 11500

**NASDAQ100D-22DEC19-T10800**

Value: 10800  
Date: December 19, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100D-22DEC19-T11599.99**

Value: 11599.99  
Date: December 19, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100W-22DEC23-B10650**

Value: 10600 and 10699.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 10699.99  
Floor\_strike: 10600

**NASDAQ100W-22DEC23-B10750**

Value: 10700 and 10799.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 10799.99  
Floor\_strike: 10700

**NASDAQ100W-22DEC23-B10850**

Value: 10800 and 10899.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 10899.99  
Floor\_strike: 10800

**NASDAQ100W-22DEC23-B10950**

Value: 10900 and 10999.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 10999.99  
Floor\_strike: 10900

**NASDAQ100W-22DEC23-B11050**

Value: 11000 and 11099.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 11099.99  
Floor\_strike: 11000

**NASDAQ100W-22DEC23-B11150**

Value: 11100 and 11199.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 11199.99  
Floor\_strike: 11100

**NASDAQ100W-22DEC23-B11250**

Value: 11200 and 11299.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 11299.99  
Floor\_strike: 11200

**NASDAQ100W-22DEC23-B11350**

Value: 11300 and 11399.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 11399.99  
Floor\_strike: 11300

**NASDAQ100W-22DEC23-B11450**

Value: 11400 and 11499.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 11499.99  
Floor\_strike: 11400

**NASDAQ100W-22DEC23-B11550**

Value: 11500 and 11599.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 11599.99  
Floor\_strike: 11500

**NASDAQ100W-22DEC23-B11650**

Value: 11600 and 11699.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 11699.99  
Floor\_strike: 11600

**NASDAQ100W-22DEC23-B11750**

Value: 11700 and 11799.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 11799.99  
Floor\_strike: 11700

**NASDAQ100W-22DEC23-B11850**

Value: 11800 and 11899.99  
Date: December 23, 2022  
Above/Below/Between: between  
Cap\_strike: 11899.99  
Floor\_strike: 11800

**NASDAQ100W-22DEC23-T10600**

Value: 10600  
Date: December 23, 2022

Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100W-22DEC23-T11899.99**

Value: 11899.99  
Date: December 23, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100Y-23DEC29-B10250**

Value: 10000 and 10499.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 10499.99  
Floor\_strike: 10000

**NASDAQ100Y-23DEC29-B10750**

Value: 10500 and 10999.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 10999.99  
Floor\_strike: 10500

**NASDAQ100Y-23DEC29-B11250**

Value: 11000 and 11499.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 11499.99  
Floor\_strike: 11000

**NASDAQ100Y-23DEC29-B11750**

Value: 11500 and 11999.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 11999.99  
Floor\_strike: 11500

**NASDAQ100Y-23DEC29-B12250**

Value: 12000 and 12499.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 12499.99  
Floor\_strike: 12000

**NASDAQ100Y-23DEC29-B12750**

Value: 12500 and 12999.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 12999.99  
Floor\_strike: 12500

**NASDAQ100Y-23DEC29-B13250**

Value: 13000 and 13499.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 13499.99  
Floor\_strike: 13000

**NASDAQ100Y-23DEC29-B13750**

Value: 13500 and 13999.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 13999.99  
Floor\_strike: 13500

**NASDAQ100Y-23DEC29-B14250**

Value: 14000 and 14499.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 14499.99  
Floor\_strike: 14000

**NASDAQ100Y-23DEC29-B14750**

Value: 14500 and 14999.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 14999.99  
Floor\_strike: 14500

**NASDAQ100Y-23DEC29-B8750**

Value: 8500 and 8999.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 8999.99  
Floor\_strike: 8500

**NASDAQ100Y-23DEC29-B9250**

Value: 9000 and 9499.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 9499.99  
Floor\_strike: 9000

**NASDAQ100Y-23DEC29-B9750**

Value: 9500 and 9999.99  
Date: December 29, 2023  
Above/Below/Between: between  
Cap\_strike: 9999.99  
Floor\_strike: 9500

**NASDAQ100Y-23DEC29-T14999.99**

Value: 14999.99  
Date: December 29, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100Y-23DEC29-T8500**

Value: 8500  
Date: December 29, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker NGAS (Category: Economic/Demographic Measure - US Govt, Product Name: What will the price of natural gas be?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**NGASMAX-23DEC29-P10**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$10  
Above/Below: above

**NGASMAX-23DEC29-P6.50**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$6.50  
Above/Below: above

**NGASMAX-23DEC29-P7**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$7  
Above/Below: above

**NGASMAX-23DEC29-P7.50**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$7.50  
Above/Below: above

**NGASMAX-23DEC29-P8**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$8  
Above/Below: above

**NGASMAX-23DEC29-P9**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$9  
Above/Below: above

**NGASMIN-23DEC29-N2.5**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$2.5  
Above/Below: below

**NGASMIN-23DEC29-N3.0**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$3.0  
Above/Below: below

**NGASMIN-23DEC29-N3.50**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$3.50  
Above/Below: below

**NGASMIN-23DEC29-N4**

Start\_date: January 03, 2023  
End\_date: December 29, 2023  
Price: \$4  
Above/Below: below

- Changes made to ticker NHIGH (Category: Weather/Climate, Product Name: What will the high temperature be in Central Park?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**HIGHNY-22DEC12-B36.5**

Date: December 12, 2022  
Degrees: 36-37  
Greater than/Less than/Between: between  
Cap\_strike: 37  
Floor\_strike: 36

**HIGHNY-22DEC12-B38.5**

Date: December 12, 2022  
Degrees: 38-39  
Greater than/Less than/Between: between  
Cap\_strike: 39  
Floor\_strike: 38

**HIGHNY-22DEC12-B40.5**

Date: December 12, 2022  
Degrees: 40-41  
Greater than/Less than/Between: between  
Cap\_strike: 41  
Floor\_strike: 40

**HIGHNY-22DEC12-B42.5**

Date: December 12, 2022  
Degrees: 42-43  
Greater than/Less than/Between: between  
Cap\_strike: 43  
Floor\_strike: 42

**HIGHNY-22DEC12-T36**

Date: December 12, 2022  
Degrees: 36  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC12-T43**

Date: December 12, 2022  
Degrees: 43  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC13-B36.5**

Date: December 13, 2022  
Degrees: 36-37  
Greater than/Less than/Between: between  
Cap\_strike: 37  
Floor\_strike: 36

**HIGHNY-22DEC13-B38.5**

Date: December 13, 2022  
Degrees: 38-39  
Greater than/Less than/Between: between  
Cap\_strike: 39  
Floor\_strike: 38

**HIGHNY-22DEC13-B40.5**

Date: December 13, 2022  
Degrees: 40-41  
Greater than/Less than/Between: between  
Cap\_strike: 41  
Floor\_strike: 40

**HIGHNY-22DEC13-B42.5**

Date: December 13, 2022  
Degrees: 42-43  
Greater than/Less than/Between: between  
Cap\_strike: 43  
Floor\_strike: 42

**HIGHNY-22DEC13-T36**

Date: December 13, 2022  
Degrees: 36  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC13-T43**

Date: December 13, 2022  
Degrees: 43  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC14-B35.5**

Date: December 14, 2022  
Degrees: 35-36  
Greater than/Less than/Between: between  
Cap\_strike: 36  
Floor\_strike: 35

**HIGHNY-22DEC14-B37.5**

Date: December 14, 2022  
Degrees: 37-38  
Greater than/Less than/Between: between  
Cap\_strike: 38  
Floor\_strike: 37

**HIGHNY-22DEC14-B39.5**

Date: December 14, 2022  
Degrees: 39-40  
Greater than/Less than/Between: between  
Cap\_strike: 40  
Floor\_strike: 39

**HIGHNY-22DEC14-B41.5**

Date: December 14, 2022  
Degrees: 41-42  
Greater than/Less than/Between: between  
Cap\_strike: 42  
Floor\_strike: 41

**HIGHNY-22DEC14-T35**

Date: December 14, 2022  
Degrees: 35



Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC14-T42**

Date: December 14, 2022  
Degrees: 42  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC15-B42.5**

Date: December 15, 2022  
Degrees: 42-43  
Greater than/Less than/Between: between  
Cap\_strike: 43  
Floor\_strike: 42

**HIGHNY-22DEC15-B44.5**

Date: December 15, 2022  
Degrees: 44-45  
Greater than/Less than/Between: between  
Cap\_strike: 45  
Floor\_strike: 44

**HIGHNY-22DEC15-B46.5**

Date: December 15, 2022  
Degrees: 46-47  
Greater than/Less than/Between: between  
Cap\_strike: 47  
Floor\_strike: 46

**HIGHNY-22DEC15-B48.5**

Date: December 15, 2022  
Degrees: 48-49  
Greater than/Less than/Between: between  
Cap\_strike: 49  
Floor\_strike: 48

**HIGHNY-22DEC15-T42**

Date: December 15, 2022  
Degrees: 42  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC15-T49**

Date: December 15, 2022  
Degrees: 49  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC16-B43.5**

Date: December 16, 2022  
Degrees: 43-44  
Greater than/Less than/Between: between  
Cap\_strike: 44  
Floor\_strike: 43

**HIGHNY-22DEC16-B45.5**

Date: December 16, 2022  
Degrees: 45-46  
Greater than/Less than/Between: between  
Cap\_strike: 46  
Floor\_strike: 45

**HIGHNY-22DEC16-B47.5**

Date: December 16, 2022  
Degrees: 47-48  
Greater than/Less than/Between: between  
Cap\_strike: 48  
Floor\_strike: 47

**HIGHNY-22DEC16-B49.5**

Date: December 16, 2022  
Degrees: 49-50  
Greater than/Less than/Between: between  
Cap\_strike: 50  
Floor\_strike: 49

**HIGHNY-22DEC16-T43**

Date: December 16, 2022  
Degrees: 43  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC16-T50**

Date: December 16, 2022  
Degrees: 50  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC17-B37.5**

Date: December 17, 2022  
Degrees: 37-38  
Greater than/Less than/Between: between  
Cap\_strike: 38  
Floor\_strike: 37

**HIGHNY-22DEC17-B39.5**

Date: December 17, 2022  
Degrees: 39-40  
Greater than/Less than/Between: between  
Cap\_strike: 40  
Floor\_strike: 39

**HIGHNY-22DEC17-B41.5**

Date: December 17, 2022  
Degrees: 41-42  
Greater than/Less than/Between: between  
Cap\_strike: 42  
Floor\_strike: 41

**HIGHNY-22DEC17-B43.5**

Date: December 17, 2022  
Degrees: 43-44

Greater than/Less than/Between: between  
Cap\_strike: 44  
Floor\_strike: 43

**HIGHNY-22DEC17-T37**

Date: December 17, 2022  
Degrees: 37  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC17-T44**

Date: December 17, 2022  
Degrees: 44  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC18-B33.5**

Date: December 18, 2022  
Degrees: 33-34  
Greater than/Less than/Between: between  
Cap\_strike: 34  
Floor\_strike: 33

**HIGHNY-22DEC18-B35.5**

Date: December 18, 2022  
Degrees: 35-36  
Greater than/Less than/Between: between  
Cap\_strike: 36  
Floor\_strike: 35

**HIGHNY-22DEC18-B37.5**

Date: December 18, 2022  
Degrees: 37-38  
Greater than/Less than/Between: between  
Cap\_strike: 38  
Floor\_strike: 37

**HIGHNY-22DEC18-B39.5**

Date: December 18, 2022  
Degrees: 39-40  
Greater than/Less than/Between: between  
Cap\_strike: 40  
Floor\_strike: 39

**HIGHNY-22DEC18-T33**

Date: December 18, 2022  
Degrees: 33  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-22DEC18-T40**

Date: December 18, 2022  
Degrees: 40  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker RATECUT (Category: Political Decision, Product Name: Will the Federal Reserve cut rates by  $\{\{date\}\}$ ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**RATECUT-24DEC31**

Date: December 31, 2024  
Expo\_date: January 07, 2025  
Open\_date: December 13, 2022

- Changes made to ticker TSAW (Category: Transportation, Product Name: How many people will be screened by the TSA on average this week?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**TSAW-22DEC18-A2.1**

Date: December 18, 2022  
Count: 2.1 million

- Changes made to ticker USDJPY (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will USD/JPY be  $\{\text{above/below/between}\}$   $\{\text{count}\}$ ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**USDJPY-22DEC1210-136.000**

Count: 136.000  
Date: December 12, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1210-136.125**

Count: 136.000-136.249  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 136.249  
Floor\_strike: 136.000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1210-136.375**

Count: 136.250-136.499  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 136.499  
Floor\_strike: 136.250  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1210-136.625**

Count: 136.500-136.749  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 136.749  
Floor\_strike: 136.500  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1210-136.875**

Count: 136.750-136.999

Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 136.999  
Floor\_strike: 136.750  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1210-137.125**

Count: 137.000-137.249  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 137.249  
Floor\_strike: 137.000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1210-137.249**

Count: 137.249  
Date: December 12, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1218-136.500**

Count: 136.500  
Date: December 12, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1218-136.625**

Count: 136.500-136.749  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 136.749  
Floor\_strike: 136.500  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1218-136.875**

Count: 136.750-136.999  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 136.999  
Floor\_strike: 136.750  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1218-137.125**

Count: 137.000-137.249  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 137.249  
Floor\_strike: 137.000  
Time: 6 PM EST

Expiration Time: 7 PM EST

**USDJPY-22DEC1218-137.375**

Count: 137.250-137.499  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 137.499  
Floor\_strike: 137.250  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1218-137.625**

Count: 137.500-137.749  
Date: December 12, 2022  
Above/Below/Between: between  
Cap\_strike: 137.749  
Floor\_strike: 137.500  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1218-137.749**

Count: 137.749  
Date: December 12, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1310-137.000**

Count: 137.000  
Date: December 13, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1310-137.125**

Count: 137.000-137.249  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 137.249  
Floor\_strike: 137.000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1310-137.375**

Count: 137.250-137.499  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 137.499  
Floor\_strike: 137.250  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1310-137.625**

Count: 137.500-137.749  
Date: December 13, 2022

Above/Below/Between: between  
Cap\_strike: 137.749  
Floor\_strike: 137.500  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1310-137.875**

Count: 137.750-137.999  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 137.999  
Floor\_strike: 137.750  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1310-138.125**

Count: 138.000-138.249  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 138.249  
Floor\_strike: 138.000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1310-138.249**

Count: 138.249  
Date: December 13, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1318-134.250**

Count: 134.250  
Date: December 13, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1318-134.375**

Count: 134.250-134.499  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 134.499  
Floor\_strike: 134.250  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1318-134.625**

Count: 134.500-134.749  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 134.749  
Floor\_strike: 134.500  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1318-134.875**

Count: 134.750-134.999  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 134.999  
Floor\_strike: 134.750  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1318-135.125**

Count: 135.000-135.249  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 135.249  
Floor\_strike: 135.000  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1318-135.375**

Count: 135.250-135.499  
Date: December 13, 2022  
Above/Below/Between: between  
Cap\_strike: 135.499  
Floor\_strike: 135.250  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1318-135.499**

Count: 135.499  
Date: December 13, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1410-135.000**

Count: 135.000  
Date: December 14, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1410-135.125**

Count: 135.000-135.249  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 135.249  
Floor\_strike: 135.000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1410-135.375**

Count: 135.250-135.499  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 135.499



Floor\_strike: 135.250  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1410-135.625**

Count: 135.500-135.749  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 135.749  
Floor\_strike: 135.500  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1410-135.875**

Count: 135.750-135.999  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 135.999  
Floor\_strike: 135.750  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1410-136.125**

Count: 136.000-136.249  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 136.249  
Floor\_strike: 136.000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1410-136.249**

Count: 136.249  
Date: December 14, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1418-134.250**

Count: 134.250  
Date: December 14, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1418-134.375**

Count: 134.250-134.499  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 134.499  
Floor\_strike: 134.250  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1418-134.625**

Count: 134.500-134.749  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 134.749  
Floor\_strike: 134.500  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1418-134.875**

Count: 134.750-134.999  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 134.999  
Floor\_strike: 134.750  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1418-135.125**

Count: 135.000-135.249  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 135.249  
Floor\_strike: 135.000  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1418-135.375**

Count: 135.250-135.499  
Date: December 14, 2022  
Above/Below/Between: between  
Cap\_strike: 135.499  
Floor\_strike: 135.250  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1418-135.499**

Count: 135.499  
Date: December 14, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1510-134.750**

Count: 134.750  
Date: December 15, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1510-134.875**

Count: 134.750-134.999  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 134.999  
Floor\_strike: 134.750

Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1510-135.125**

Count: 135.000-135.249  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 135.249  
Floor\_strike: 135.000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1510-135.375**

Count: 135.250-135.499  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 135.499  
Floor\_strike: 135.250  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1510-135.625**

Count: 135.500-135.749  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 135.749  
Floor\_strike: 135.500  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1510-135.875**

Count: 135.750-135.999  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 135.999  
Floor\_strike: 135.750  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1510-135.999**

Count: 135.999  
Date: December 15, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1518-135.750**

Count: 135.750  
Date: December 15, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1518-135.875**

Count: 135.750-135.999

Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 135.999  
Floor\_strike: 135.750  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1518-136.125**

Count: 136.000-136.249  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 136.249  
Floor\_strike: 136.000  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1518-136.375**

Count: 136.250-136.499  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 136.499  
Floor\_strike: 136.250  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1518-136.625**

Count: 136.500-136.749  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 136.749  
Floor\_strike: 136.500  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1518-136.875**

Count: 136.750-136.999  
Date: December 15, 2022  
Above/Below/Between: between  
Cap\_strike: 136.999  
Floor\_strike: 136.750  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1518-136.999**

Count: 136.999  
Date: December 15, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EST  
Expiration Time: 7 PM EST

**USDJPY-22DEC1610-137.250**

Count: 137.250  
Date: December 16, 2022  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST

Expiration Time: 11 AM EST

**USDJPY-22DEC1610-137.375**

Count: 137.250-137.499  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 137.499  
Floor\_strike: 137.250  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1610-137.625**

Count: 137.500-137.749  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 137.749  
Floor\_strike: 137.500  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1610-137.875**

Count: 137.750-137.999  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 137.999  
Floor\_strike: 137.750  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1610-138.125**

Count: 138.000-138.249  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 138.249  
Floor\_strike: 138.000  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1610-138.375**

Count: 138.250-138.499  
Date: December 16, 2022  
Above/Below/Between: between  
Cap\_strike: 138.499  
Floor\_strike: 138.250  
Time: 10 AM EST  
Expiration Time: 11 AM EST

**USDJPY-22DEC1610-138.499**

Count: 138.499  
Date: December 16, 2022  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EST  
Expiration Time: 11 AM EST

- Changes made to ticker WTIOIL (Category: Commodity Price, Product Name: Will the settle price of WTI crude oil futures be {{above/below/between}} {{price}} for {{date}}?) to update the strike price and contract duration in conformity with the contract's established

listing cycle. The changes are:

**WTI-22DEC13-B69.5**

Date: December 13, 2022  
Above/Below/Between: between  
Price: \$69 and 69.99  
Cap\_strike: 69.99  
Floor\_strike: 69

**WTI-22DEC13-B70.5**

Date: December 13, 2022  
Above/Below/Between: between  
Price: \$70 and 70.99  
Cap\_strike: 70.99  
Floor\_strike: 70

**WTI-22DEC13-B71.5**

Date: December 13, 2022  
Above/Below/Between: between  
Price: \$71 and 71.99  
Cap\_strike: 71.99  
Floor\_strike: 71

**WTI-22DEC13-B72.5**

Date: December 13, 2022  
Above/Below/Between: between  
Price: \$72 and 72.99  
Cap\_strike: 72.99  
Floor\_strike: 72

**WTI-22DEC13-B73.5**

Date: December 13, 2022  
Above/Below/Between: between  
Price: \$73 and 73.99  
Cap\_strike: 73.99  
Floor\_strike: 73

**WTI-22DEC13-B74.5**

Date: December 13, 2022  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTI-22DEC13-B75.5**

Date: December 13, 2022  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-22DEC13-B76.5**

Date: December 13, 2022  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-22DEC13-T69**

Date: December 13, 2022

Above/Below/Between: below  
Price: \$69  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-22DEC13-T76.99**

Date: December 13, 2022  
Above/Below/Between: above  
Price: \$76.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-22DEC14-B71.5**

Date: December 14, 2022  
Above/Below/Between: between  
Price: \$71 and 71.99  
Cap\_strike: 71.99  
Floor\_strike: 71

**WTI-22DEC14-B72.5**

Date: December 14, 2022  
Above/Below/Between: between  
Price: \$72 and 72.99  
Cap\_strike: 72.99  
Floor\_strike: 72

**WTI-22DEC14-B73.5**

Date: December 14, 2022  
Above/Below/Between: between  
Price: \$73 and 73.99  
Cap\_strike: 73.99  
Floor\_strike: 73

**WTI-22DEC14-B74.5**

Date: December 14, 2022  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTI-22DEC14-B75.5**

Date: December 14, 2022  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-22DEC14-B76.5**

Date: December 14, 2022  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-22DEC14-B77.5**

Date: December 14, 2022  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-22DEC14-B78.5**

Date: December 14, 2022  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTI-22DEC14-T71**

Date: December 14, 2022  
Above/Below/Between: below  
Price: \$71  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-22DEC14-T78.99**

Date: December 14, 2022  
Above/Below/Between: above  
Price: \$78.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-22DEC15-B73.5**

Date: December 15, 2022  
Above/Below/Between: between  
Price: \$73 and 73.99  
Cap\_strike: 73.99  
Floor\_strike: 73

**WTI-22DEC15-B74.5**

Date: December 15, 2022  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTI-22DEC15-B75.5**

Date: December 15, 2022  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-22DEC15-B76.5**

Date: December 15, 2022  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-22DEC15-B77.5**

Date: December 15, 2022  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-22DEC15-B78.5**

Date: December 15, 2022  
Above/Below/Between: between



Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTI-22DEC15-B79.5**

Date: December 15, 2022  
Above/Below/Between: between  
Price: \$79 and 79.99  
Cap\_strike: 79.99  
Floor\_strike: 79

**WTI-22DEC15-B80.5**

Date: December 15, 2022  
Above/Below/Between: between  
Price: \$80 and 80.99  
Cap\_strike: 80.99  
Floor\_strike: 80

**WTI-22DEC15-T73**

Date: December 15, 2022  
Above/Below/Between: below  
Price: \$73  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-22DEC15-T80.99**

Date: December 15, 2022  
Above/Below/Between: above  
Price: \$80.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-22DEC19-B70.5**

Date: December 19, 2022  
Above/Below/Between: between  
Price: \$70 and 70.99  
Cap\_strike: 70.99  
Floor\_strike: 70

**WTI-22DEC19-B71.5**

Date: December 19, 2022  
Above/Below/Between: between  
Price: \$71 and 71.99  
Cap\_strike: 71.99  
Floor\_strike: 71

**WTI-22DEC19-B72.5**

Date: December 19, 2022  
Above/Below/Between: between  
Price: \$72 and 72.99  
Cap\_strike: 72.99  
Floor\_strike: 72

**WTI-22DEC19-B73.5**

Date: December 19, 2022  
Above/Below/Between: between  
Price: \$73 and 73.99  
Cap\_strike: 73.99  
Floor\_strike: 73

**WTI-22DEC19-B74.5**

Date: December 19, 2022  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTI-22DEC19-B75.5**

Date: December 19, 2022  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-22DEC19-B76.5**

Date: December 19, 2022  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-22DEC19-B77.5**

Date: December 19, 2022  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-22DEC19-T70**

Date: December 19, 2022  
Above/Below/Between: below  
Price: \$70  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-22DEC19-T77.99**

Date: December 19, 2022  
Above/Below/Between: above  
Price: \$77.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTIW-22DEC23-B68.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$68 and 68.99  
Cap\_strike: 68.99  
Floor\_strike: 68

**WTIW-22DEC23-B69.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$69 and 69.99  
Cap\_strike: 69.99  
Floor\_strike: 69

**WTIW-22DEC23-B70.5**

Date: December 23, 2022  
Above/Below/Between: between

Price: \$70 and 70.99  
Cap\_strike: 70.99  
Floor\_strike: 70

**WTIW-22DEC23-B71.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$71 and 71.99  
Cap\_strike: 71.99  
Floor\_strike: 71

**WTIW-22DEC23-B72.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$72 and 72.99  
Cap\_strike: 72.99  
Floor\_strike: 72

**WTIW-22DEC23-B73.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$73 and 73.99  
Cap\_strike: 73.99  
Floor\_strike: 73

**WTIW-22DEC23-B74.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTIW-22DEC23-B75.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTIW-22DEC23-B76.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTIW-22DEC23-B77.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTIW-22DEC23-B78.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTIW-22DEC23-B79.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$79 and 79.99  
Cap\_strike: 79.99  
Floor\_strike: 79

**WTIW-22DEC23-B80.5**

Date: December 23, 2022  
Above/Below/Between: between  
Price: \$80 and 80.99  
Cap\_strike: 80.99  
Floor\_strike: 80

**WTIW-22DEC23-T68**

Date: December 23, 2022  
Above/Below/Between: below  
Price: \$68  
Cap\_strike: NA  
Floor\_strike: NA

**WTIW-22DEC23-T80.99**

Date: December 23, 2022  
Above/Below/Between: above  
Price: \$80.99  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker YOYCPI (Category: Economic/Demographic Measure - US Govt, Product Name: Will year-over-year inflation for the year ending be ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**CPIYOY-22DEC-T6.0**

Above/Below/Between: above  
Percent: 6.0%  
Month: December 2022

**CPIYOY-22DEC-T6.1**

Above/Below/Between: above  
Percent: 6.1%  
Month: December 2022

**CPIYOY-22DEC-T6.2**

Above/Below/Between: above  
Percent: 6.2%  
Month: December 2022

**CPIYOY-22DEC-T6.3**

Above/Below/Between: above  
Percent: 6.3%  
Month: December 2022

**CPIYOY-22DEC-T6.4**

Above/Below/Between: above  
Percent: 6.4%  
Month: December 2022

**CPIYOY-22DEC-T6.5**

Above/Below/Between: above

Percent: 6.5%  
Month: December 2022

**CPIYOY-22DEC-T6.6**  
Above/Below/Between: above  
Percent: 6.6%  
Month: December 2022

**CPIYOY-22DEC-T6.7**  
Above/Below/Between: above  
Percent: 6.7%  
Month: December 2022

**CPIYOY-22DEC-T6.8**  
Above/Below/Between: above  
Percent: 6.8%  
Month: December 2022

**CPIYOY-22DEC-T6.9**  
Above/Below/Between: above  
Percent: 6.9%  
Month: December 2022

**CPIYOY-22DEC-T7.0**  
Above/Below/Between: above  
Percent: 7.0%  
Month: December 2022

**CPIYOY-22DEC-T7.1**  
Above/Below/Between: above  
Percent: 7.1%  
Month: December 2022

**CPIYOY-22DEC-T7.2**  
Above/Below/Between: above  
Percent: 7.2%  
Month: December 2022

**CPIYOY-22DEC-T7.3**  
Above/Below/Between: above  
Percent: 7.3%  
Month: December 2022

**CPIYOY-22DEC-T7.4**  
Above/Below/Between: above  
Percent: 7.4%  
Month: December 2022

If you have any questions, please do not hesitate to contact me.

Sincerely,

Elie Mishory  
Chief Regulatory Officer  
KalshiEX LLC  
emishory@kalshi.com