

EXHIBIT 5

(additions are underlined; deletions are [bracketed])

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Cboe U.S. Options Fee Schedules**BZX Options****Effective November 15, 2023**

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Cboe LiveVol, LLC Market Data Fees**Open-Close Data:**

End-of-Day Subscription	\$500 per month		
End-of-Day Ad-hoc Request (historical data)	\$400 per request per month. An ad-hoc request can be for any number of months beginning with January 2018 for which the data is available.*	Qualifying Academic Purchasers will be charged \$750 per year for the first year. Each additional month purchased thereafter will be prorated based on the \$750 per year rate.	
Intraday Subscription	\$1,500 per month or \$18,000 per year		
Intraday Ad-hoc Request (historical data)	\$750 per request month*	Qualifying Academic Purchasers will be charged \$1,500 per year for the first year. Each additional month purchased thereafter will be prorated based on the \$1,500 per year rate.	[For the months of September, through December 2022, a free trial is available for up to 3 months of Intraday Open-Close Historical Data to both Members and non-Members who have not previously

			subscribed to Intraday Open-Close Historical Data.]
External Distribution of Derived Data	\$5,000 per month Fees for external distribution of Derived Data from Open-Close Data are in addition to fees for the End-of-Day product or the Intraday product, or both, as applicable.		

The fees for the End-of-Day and Intraday Open-Close Data are payable by all Members and Non-Members that subscribe to such data.

"Derived Data" is pricing data or other data that (i) is created in whole or in part from Data, (ii) is not an index or financial product, and (iii) cannot be readily reverse-engineered to recreate Data or used to create other data that is a reasonable facsimile or substitute for Data.

*From November 15, 2023 through December 31, 2023, any single purchase of End-of-Day Ad-hoc Request (historical data) and/or Intraday Ad-hoc Request (historical data) totaling \$20,000 or more will receive a 20% discount. This discount cannot be combined with any other discount offered by the Exchange, including the academic discount provided for Qualifying Academic Purchasers of historical Open-Close Data.

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