

Additions underscored
 Deletions [bracketed]

NYSE Arca Equities

FEES AND CHARGES

Effective Date: March 1, 2019

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CO-LOCATION FEES

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General Notes

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4. When a User purchases access to the LCN or IP network, it receives the ability to access the trading and execution systems of the NYSE, NYSE American, NYSE Arca, NYSE Chicago, Inc. (NYSE Chicago), and NYSE National[, and Chicago Stock Exchange, Inc. (CHX and,] (together, the Exchange Systems), subject, in each case, to authorization by the NYSE, NYSE American, NYSE Arca, NYSE Chicago or NYSE National [or CHX], as applicable. Such access includes access to the customer gateways that provide for order entry, order receipt (i.e. confirmation that an order has been received), receipt of drop copies and trade reporting (i.e. whether a trade is executed or cancelled), as well as for sending information to shared data services for clearing and settlement. A User can change the access it receives at any time, subject to authorization by NYSE, NYSE American, NYSE Arca, NYSE Chicago or NYSE National[, or CHX]. NYSE, NYSE American, NYSE Arca, NYSE Chicago and NYSE National [and CHX] also offer access to Exchange Systems to their members, such that a User does not have to purchase access to the LCN or IP network to obtain access to Exchange Systems.

When a User purchases access to the LCN or IP network it receives connectivity to any of the Included Data Products that it selects, subject to any technical provisioning requirements and authorization from the provider of the data feed. Market data fees for the Included Data Products are charged by the provider of the data feed. A User can change the Included Data Products to which it receives connectivity at any time, subject to authorization from the provider of the data feed. The Exchange is not the exclusive method to connect to the Included Data Products.

The Included Data Products are as follows:

[Chicago Stock Exchange (CHX)]
NMS feeds

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NYSE Bonds
<u>NYSE Chicago</u>
NYSE National

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Co-Location: Connectivity to Third Party Systems, Data Feeds, Testing and Certification Feeds, and DTCC

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Connectivity to Third Party Data Feeds

Pricing for data feeds from third party markets and other content service providers (Third Party Data Feeds) is for connectivity only. Connectivity to Third Party Data Feeds is subject to any technical provisioning requirements and authorization from the provider of the data feed. Connectivity to Third Party Data Feeds is over the IP network, with the exception that Users can connect to Global OTC and ICE Data Global Index over the IP network or LCN. Market data fees are charged independently by the relevant third party market or content service provider. The Exchange is not the exclusive method to connect to Third Party Data Feeds.

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NYSE Arca Options Fees and Charges

Effective Date: [~~January~~ March 1, 2019

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NYSE Arca OPTIONS: FLOOR and EQUIPMENT and CO-LOCATION FEES

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CO-LOCATION FEES

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General Notes

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The Included Data Products are as follows:

[Chicago Stock Exchange (CHX)]
NMS feeds

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NYSE Bonds
<u>NYSE Chicago</u>
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Co-Location: Connectivity to Third Party Systems, Data Feeds, Testing and Certification Feeds, and DTCC

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