

Additions underscored

Deletions [bracketed]

NYSE Arca Options Fees and Charges

Effective Date: [November 3, 2016]January 1, 2017

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CO-LOCATION FEES

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Type of Service	Description	Amount of Charge
Partial Cabinet Solution bundles Note: A User and its Affiliates are limited to one Partial Cabinet Solution bundle at a time. A User and its Affiliates must have an Aggregate Cabinet Footprint of 2 kW or less to qualify for a Partial Cabinet Solution bundle. See Note 2 under "General Notes."	Option A: 1 kW partial cabinet, 1 LCN connection (1 Gb), 1 IP network connection (1 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol	\$7,500 initial charge per bundle plus monthly charge per bundle as follows: <ul style="list-style-type: none"> For Users that order on or before December 31, [2016]<u>2017</u>: \$3,000 monthly for first 12 months of service, and \$6,000 monthly thereafter For Users that order after December 31, [2016]<u>2017</u>: \$6,000 monthly
	Option B: 2 kW partial cabinet, 1 LCN connection (1 Gb), 1 IP network connection (1 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol	\$7,500 initial charge per bundle plus monthly charge per bundle as follows: <ul style="list-style-type: none"> For Users that order on or before December 31, [2016]<u>2017</u>: \$3,500 monthly for first 12 months of service, and \$7,000 monthly thereafter For Users that order after December 31, [2016]<u>2017</u>: \$7,000 monthly

<p>Option C: 1 kW partial cabinet, 1 LCN connection (10 Gb), 1 IP network connection (10 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol</p>	<p>\$10,000 initial charge per bundle plus monthly charge per bundle as follows:</p> <ul style="list-style-type: none"> • For Users that order on or before December 31, [2016]2017: \$7,000 monthly for first 12 months of service, and \$14,000 monthly thereafter • For Users that order after December 31, [2016]2017: \$14,000 monthly
<p>Option D: 2 kW partial cabinet, 1 LCN connection (10 Gb), 1 IP network connection (10 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol</p>	<p>\$10,000 initial charge per bundle plus monthly charge per bundle as follows:</p> <ul style="list-style-type: none"> • For Users that order on or before December 31, [2016]2017: \$7,500 monthly for first 12 months of service, and \$15,000 monthly thereafter • For Users that order after December 31, [2016]2017: \$15,000 monthly

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NYSE Arca Equities, Inc.

**SCHEDULE OF FEES AND CHARGES
FOR EXCHANGE SERVICES**

[December 13, 2016] January 1, 2017

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CO-LOCATION FEES

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Type of Service	Description	Amount of Charge
Partial Cabinet Solution bundles Note: A User and its Affiliates are limited to one Partial Cabinet Solution bundle at a time. A User and its Affiliates must have an Aggregate Cabinet Footprint of 2 kW or less to qualify for a Partial Cabinet Solution bundle. See Note 2 under "General Notes."	Option A: 1 kW partial cabinet, 1 LCN connection (1 Gb), 1 IP network connection (1 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol	\$7,500 initial charge per bundle plus monthly charge per bundle as follows: <ul style="list-style-type: none"> • For Users that order on or before December 31, [2016]2017: \$3,000 monthly for first 12 months of service, and \$6,000 monthly thereafter • For Users that order after December 31, [2016]2017: \$6,000 monthly
	Option B: 2 kW partial cabinet, 1 LCN connection (1 Gb), 1 IP network connection (1 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol	\$7,500 initial charge per bundle plus monthly charge per bundle as follows: <ul style="list-style-type: none"> • For Users that order on or before December 31, [2016]2017: \$3,500 monthly for first 12 months of service, and \$7,000 monthly thereafter • For Users that order after December 31, [2016]2017: \$7,000 monthly

<p>Option C: 1 kW partial cabinet, 1 LCN connection (10 Gb), 1 IP network connection (10 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol</p>	<p>\$10,000 initial charge per bundle plus monthly charge per bundle as follows:</p> <ul style="list-style-type: none"> • For Users that order on or before December 31, [2016]<u>2017</u>: \$7,000 monthly for first 12 months of service, and \$14,000 monthly thereafter • For Users that order after December 31, [2016]<u>2017</u>: \$14,000 monthly
<p>Option D: 2 kW partial cabinet, 1 LCN connection (10 Gb), 1 IP network connection (10 Gb), 2 fiber cross connections and either the Network Time Protocol Feed or Precision Timing Protocol</p>	<p>\$10,000 initial charge per bundle plus monthly charge per bundle as follows:</p> <ul style="list-style-type: none"> • For Users that order on or before December 31, [2016]<u>2017</u>: \$7,500 monthly for first 12 months of service, and \$15,000 monthly thereafter • For Users that order after December 31, [2016]<u>2017</u>: \$15,000 monthly

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