

Applicable Exchange(s)	Fee Description	Rate Prior to Suspension (monthly)	Roll-Back Rate (monthly)
MIAX, Pearl Options, Emerald	10Gb ULL Connectivity	Connections 1&2: \$9,000 Connections 3&4: \$11,000 Connections 5+: \$13,000	\$10,000 per connection
MIAX, Emerald	Additional Limited Service MEI Ports	MIAX: 1 st and 2 nd \$0; 3 rd and 4 th \$150; 5 th and 6 th \$200; 7 th or more \$250 each Emerald: 1 st and 2 nd \$0; 3 rd and 4 th \$200; 5 th and 6 th \$300; 7 th to 12 th \$400 each	MIAX: \$100 each after first 2 Emerald: \$100 each after first 2
MIAX, Emerald	cToM Data Feed	Internal Distributor: \$1,250 External Distributor: \$1,750	Free
Pearl Options	Trading Permits	Member that connects via: FIX Interface Tier 1: \$500 Tier 2: \$1,000 Tier 3: \$1,500 MEO Interface Tier 1: \$2,500 Tier 2: \$4,000 Tier 3: \$6,000	Member that connects via: FIX Interface Tier 1: \$250 Tier 2: \$350 Tier 3: \$450 MEO Interface Tier 1: \$300 Tier 2: \$400 Tier 3: \$500 \$100 credit for Members that connect via both interfaces
Pearl Options	Full Service MEO Ports	Bulk Tier 1: \$5,000 Tier 2: \$7,500 Tier 3: \$10,000 Single Tier 1: \$2,500 Tier 2: \$3,500 Tier 3: \$4,500	Bulk Tier 1: \$3,000 Tier 2: \$4,500 Tier 3: \$5,000 Single Tier 1: \$2,000 Tier 2: \$3,375 Tier 3: \$3,750
Pearl Options	Monthly Volume Credit	No Monthly Volume Credit	Member that connects via: FIX Interface: \$250 MEO Interface: \$1,000