



Nasdaq Futures, Inc.  
1900 Market Street  
Philadelphia, PA 19103 / USA  
[business.nasdaq.com/futures](http://business.nasdaq.com/futures)

## Rule Self-Certification

March 10, 2017

Christopher J. Kirkpatrick  
Office of the Secretariat  
Commodity Futures Trading Commission  
Three Lafayette Center  
1155 21<sup>st</sup> Street, NW  
Washington, DC 20581

Re: **NFX Fee Schedule Amendments**  
**Reference File: SR-NFX-2017-8**

Dear Mr. Kirkpatrick:

Pursuant to Section 5c(c)(1) of the Commodity Exchange Act, as amended (“Act”), and Section 40.6 of the Commission’s regulations thereunder, NASDAQ Futures, Inc. (“NFX” or “Exchange”) is amending its fee schedule for certain listed contracts (“Fee Schedule”). The Fee Schedule amendments, attached hereto as Exhibit A, will be effective on April 2, 2017 for trade date April 3, 2017.

### Base Transaction Fees and Block Trade/EFRP Surcharges

NFX currently utilizes a Fee Schedule for its most highly traded and most liquid listed contracts (“Most Liquid Contracts”) that provides a reduced fee for those market participants that exceed specific, pre-defined, volume thresholds within a calendar month. Once a market participant exceeds a specified average-daily volume (“ADV”) threshold, calculated on a monthly basis, they will receive a reduced fee for each of the Most Liquid Contracts traded on the Trading System. Market participants that do not exceed any of the ADV thresholds will pay the standard transaction fee. Based on customer feedback, NFX is amending the current Fee Schedule to increase the existing standard transaction fee and add two additional ADV thresholds for the Most Liquid Contracts. The amended Fee Schedule will provide greater differentiation across the ADV thresholds while maintaining the existing Fee for market participants engaging in the highest volume of trading. The amended Fee Schedule aligns with the fee schedules employed by other established DCMs regulated by the CFTC. The amended Fee Schedule will be open to all market participants trading on the NFX platform. The amended Fee Schedule is attached as Exhibit A.

### DCM Core Principles

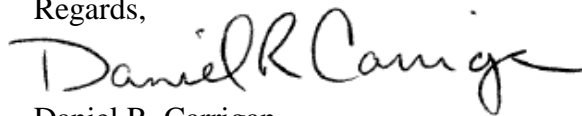
The Exchange believes the Fee Schedule amendments are consistent with the Act and Designated Contract Market (“DCM”) Core Principles. In particular, the amendments comply with Core Principle 4 (Monitoring of Trading), Core Principle 9 (Execution of Transactions) and Core Principle 12 (Protection of Market Participants). The Fee Schedule does not impact order execution priority or otherwise give participants any execution preference or advantage. In addition, NFX Surveillance actively monitors for trading abuses using electronic exception reports and will take appropriate action against any participants engaging in market abuses. The Exchange will publish the amended Fee Schedule on its website to ensure that market participants have been advised of the Fee Schedule and the Block Trade/EFRP Surcharges for all products traded on the NFX platform. The Exchange believes the level at which the fees are set is reasonable and furthers the Exchange’s goal of offering products to the marketplace that are competitively priced. The revenue generated by the proposed fees will enhance the Exchange’s ability to discharge its financial, operational and managerial responsibilities as a DCM.

### Certification

There were no opposing views among NFX’s Board of Directors, members or market participants. The Exchange hereby certifies that the Fee Schedule amendments as set forth herein comply with the Act and the Commission’s regulations thereunder. The Exchange also certifies that notice of pending certification and a copy of this submission have been concurrently posted on the Exchange’s website at [business.nasdaq.com/futures](http://business.nasdaq.com/futures).

If you require any additional information regarding the submission, please contact Aravind Menon at (301) 978-8416. Please refer to SR-NFX-2017-8 in any related correspondence.

Regards,



Daniel R. Carrigan  
President

Attachments:

Exhibit A: NASDAQ Futures, Inc. Fee Schedule

**Exhibit A to SR-NFX-2017-8**

(additions are underlined, deleted language is ~~stricken~~)

**NASDAQ FUTURES FEE SCHEDULE**

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**Section I-Transaction Charges**

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	<b>LEVEL-1 AVERAGE DAILY VOLUME</b>	<b>LEVEL-2 AVERAGE DAILY VOLUME</b>	<b>LEVEL-3 AVERAGE DAILY VOLUME</b>			
<b>CHAPTER</b>	<b>PRODUCT NAME AND SYMBOL</b>	<b>0-999-BASE TRANSACTION FEE</b>	<b>1,000-2,499 BASE TRANSACTION FEE</b>	<b>&gt;2,500-BASE TRANSACTION FEE</b>	<b>BLOCK TRADE/EFRP SURCHARGE</b>	
<hr/>						
<b>OIL AND REFINED PRODUCTS</b>						
<hr/>						
101	NFX Brent Crude Financial Futures (BFQ)	\$0.40	\$0.30	\$0.20	\$0.10	
101A	NFX Brent 1st-Line Financial Futures (IBQ)	\$0.40	\$0.30	\$0.20	\$0.10	
101B	NFX Brent 1st-Line Mini	\$0.15	\$0.10	\$0.05	\$0.10	

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	Financial Futures (IMMQ)				
	NFX Options on NFX Brent				
101C	1st Line Financial Futures (IOQ)	\$0.40	\$0.30	\$0.20	\$0.10
	NFX Options on NFX Brent				
102	Crude Financial Futures (BCQ)	\$0.40	\$0.30	\$0.20	\$0.10
	NFX WTI Crude Oil Financial Futures (CLQ)				
103	Financial Futures (CLQ)	\$0.40	\$0.30	\$0.20	\$0.10
	NFX WTI Crude Oil Penultimate Financial Futures (TQ)				
103A	Financial Futures (TQ)	\$0.40	\$0.30	\$0.20	\$0.10
	NFX WTI 1st Line Financial Futures (RTIQ)				
103B	Financial Futures (RTIQ)	\$0.40	\$0.30	\$0.20	\$0.10
	NFX WTI 1st Line Mini Financial Futures (RMMQ)				
103C	Financial Futures (RMMQ)	\$0.15	\$0.10	\$0.05	\$0.10
	NFX Options on WTI 1st Line Financial Futures (TIQ)				
103D	Financial Futures (TIQ)	\$0.40	\$0.30	\$0.20	\$0.10
	NFX Options on NFX WTI Crude Oil Penultimate Financial				
104A	Financial	\$0.40	\$0.30	\$0.20	\$0.10

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	Futures (TOQ)				
	NFX Low Sulphur Gasoil Financial Futures (GOQ)	\$0.40	\$0.30	\$0.20	\$0.10
105					
	NFX Low Sulphur Gasoil 1st Line Financial Futures (ULAQ)	\$0.40	\$0.30	\$0.20	\$0.10
105A					
	NFX Gasoil Crack Financial Futures (in BBLS)— Low Sulphur Gasoil 1st Line vs. Brent 1st Line (GZQ)	\$0.40	\$0.30	\$0.20	\$0.10
105B					
	NFX Heating Oil Financial Futures (HOQ)	\$0.40	\$0.30	\$0.20	\$0.10
106					
	NFX Heating Oil Penultimate Financial Futures (OQ)	\$0.40	\$0.30	\$0.20	\$0.10
106A					
	NFX Heating Oil 1st Line Financial Futures (HOFQ)	\$0.40	\$0.30	\$0.20	\$0.10
106B					
	NFX RBOB Gasoline Financial Futures (RBQ)	\$0.40	\$0.30	\$0.20	\$0.10
107					
	NFX RBOB Gasoline Penultimate Financial	\$0.40	\$0.30	\$0.20	\$0.10
107A					

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	Futures (RQ)				
	NFX-RBOB Gasoline 1st Line Financial	\$0.40	\$0.30	\$0.20	\$0.10
107B	Futures (RBSQ)				
	NFX Gasoline Crack Financial Futures (in BBLs)— RBOB Gasoline 1st Line vs Brent 1st Line (RBRQ)	\$0.40	\$0.30	\$0.20	\$0.10
107C	NFX Fuel Oil 3.5% FOB Rotterdam Barges Financial Futures (BARQ)	\$5.00	\$4.00	\$2.50	\$0.10
108	NFX Fuel Oil 3.5% FOB MED Cargoes Financial Futures (FOMQ)	\$5.00	\$4.00	\$2.50	\$0.10
109	NFX Fuel Oil 380 CST Singapore Financial Futures (SYSQ)	\$5.00	\$4.00	\$2.50	\$0.10
110	NFX Fuel Oil 180 CST Singapore Financial Futures (SZSQ)	\$5.00	\$4.00	\$2.50	\$0.10
111	NFX Fuel Oil Diff—NFX Fuel Oil 380 CST Singapore Financial	\$5.00	\$4.00	\$2.50	\$0.10
112					

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	Futures vs NFX Fuel Oil 3.5% FOB Rotterdam Barges Financial Futures (SJSQ)				
113	NFX Fuel Oil Diff— NFX Fuel Oil 180 CST Singapore Financial Futures vs NFX Fuel Oil 380 CST Singapore Financial Futures (STSQ)	\$5.00	\$4.00	\$2.50	\$0.10

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**NATURAL  
GAS  
PRODUCTS**

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203	NFX Henry Hub Natural Gas Financial Futures— 10,000 (HHQ)	\$0.40	\$0.30	\$0.20	\$0.10
204	NFX Henry Hub Natural Gas Penultimate Financial Futures— 10,000 (HUQ)	\$0.40	\$0.30	\$0.20	\$0.10
205	NFX Options on NFX Henry Hub Penultimate Financial Futures— 10,000 (LNQ)	\$0.40	\$0.30	\$0.20	\$0.10

**LEVEL 1  
AVERAGE**

**LEVEL 2  
AVERAGE**

**LEVEL 3  
AVERAGE**

	<b>DAILY VOLUME PER MONTH</b>	<b>DAILY VOLUME PER MONTH</b>	<b>DAILY VOLUME PER MONTH</b>	<b>BLOCK TRADE/EFRP SURCHARGE</b>	
	<b>0-2,499-BASE TRANSACTION FEE</b>	<b>2,500-4,999 BASE TRANSACTION FEE</b>	<b>&gt;5,000-BASE TRANSACTION FEE</b>		
201	NFX Henry Hub Natural Gas Financial Futures—2,500 (NNQ)	\$0.20	\$0.15	\$0.10	\$0.10
202	NFX Henry Hub Natural Gas Penultimate Financial Futures—2,500 (NPQ)	\$0.20	\$0.15	\$0.10	\$0.10

	<b>BASE TRANSACTION FEE</b>	<b>BLOCK TRADE/EFRP SURCHARGE</b>
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**POWER CONTRACTS**

301	NFX CAISO NP-15 Hub Day Ahead Off-Peak Financial Futures (ONPQ)	\$0.075	\$0.05
301A	NFX CAISO NP-15 Hub Day Ahead Off-Peak Mini Financial Futures— 5 MWH (ONMQ)	\$0.00	\$0.03
301B	NFX CAISO NP-15 Hub Day Ahead Off-Peak Mini Financial Futures— 1 MWH (ONNQ)	\$0.00	\$0.0075
302	NFX CAISO NP-15 Hub Day Ahead Peak Financial Futures (NPMQ)	\$1.00	\$0.10
302A	NFX CAISO NP-15 Hub Day Ahead Peak Mini Financial Futures—5 MW (NPNQ)	\$0.20	\$0.10
302B	NFX CAISO NP-15 Hub Day Ahead Peak Mini Financial Futures—1 MW (NPPQ)	\$0.00	\$0.06



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303	NFX CAISO-SP-15 Hub Day Ahead-Off-Peak Financial Futures (OFPQ)	\$0.075	\$0.05
303A	NFX CAISO-SP-15 Hub Day Ahead-Off-Peak Mini Financial Futures— 5-MWH (OFMQ)	\$0.00	\$0.03
303B	NFX CAISO-SP-15 Hub Day Ahead-Off-Peak Mini Financial Futures— 1-MWH (OFNQ)	\$0.00	\$0.0075
304	NFX CAISO-SP-15 Hub Day Ahead-Peak Financial Futures (SPMQ)	\$1.00	\$0.10
304A	NFX CAISO-SP-15 Hub Day Ahead-Peak Mini Financial Futures—5 MW (SPZQ)	\$0.20	\$0.10
304B	NFX CAISO-SP-15 Hub Day Ahead-Peak Mini Financial Futures—1 MW (SPVQ)	\$0.00	\$0.06
305	NFX ISO-NE Massachusetts Hub Day Ahead-Off-Peak Financial Futures (NOPQ)	\$0.15	\$0.10
305A	NFX ISO-NE Massachusetts Hub Day Ahead-Off-Peak Mini Financial Futures— 5-MWH (NOMQ)	\$0.00	\$0.03
305B	NFX ISO-NE Massachusetts Hub Day Ahead-Off-Peak Mini Financial Futures— 1MWH (NONQ)	\$0.00	\$0.0075
306	NFX ISO-NE Massachusetts Hub Day Ahead-Peak Financial Futures (NEPQ)	\$2.00	\$0.10
306A	NFX ISO-NE Massachusetts Hub Day Ahead-Peak Mini Financial Futures—5 MW (NMMQ)	\$0.20	\$0.10
306B	NFX ISO-NE Massachusetts Hub	\$0.00	\$0.06

	Day Ahead Peak Mini Financial Futures—1 MW (NEMQ)		
307	NFX MISO Indiana Hub Real Time Off Peak Financial Futures (CPOQ)	\$0.15	\$0.10
307A	NFX MISO Indiana Hub Real Time Off Peak Mini Financial Futures— 5 MWH (CPMQ)	\$0.00	\$0.03
307B	NFX MISO Indiana Hub Real Time Off Peak Financial Mini Futures— 1 MWH (CPNQ)	\$0.00	\$0.0075
308	NFX MISO Indiana Hub Real Time Peak Financial Futures (CINQ)	\$2.00	\$0.10
308A	NFX MISO Indiana Hub Real Time Peak Mini Financial Futures—5 MW (MCHQ)	\$0.20	\$0.10
308B	NFX MISO Indiana Hub Real Time Peak Mini Financial Futures—1 MW (MCGQ)	\$0.00	\$0.06
309	NFX PJM AEP Dayton Hub Real Time Off- Peak Financial Futures (AODQ)	\$0.15	\$0.10
309A	NFX PJM AEP Dayton Hub Real Time Off- Peak Mini Financial Futures—5 MWH (AOMQ)	\$0.00	\$0.03
309B	NFX PJM AEP Dayton Hub Real Time Off- Peak Financial Mini Futures—1 MWH (AONQ)	\$0.00	\$0.0075
310	NFX PJM AEP Dayton Hub Real Time Peak Financial Futures (MSOQ)	\$2.00	\$0.10
310A	NFX PJM AEP Dayton Hub Real Time Peak Mini Financial Futures— 5 MW (MSSQ)	\$0.20	\$0.10
310B	NFX PJM AEP Dayton Hub Real Time Peak	\$0.00	\$0.10

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	Mini Financial Futures— 1 MW (MSTQ)		
311	NFX PJM Northern Illinois Hub Real Time Off Peak Financial Futures (NIOQ)	\$0.15	\$0.10
311A	NFX PJM Northern Illinois Hub Real Time Off Peak Mini Financial Futures—5 MWH (NIMQ)	\$0.00	\$0.03
311B	NFX PJM Northern Illinois Hub Real Time Off Peak Mini Financial Futures—1 MWH (NINQ)	\$0.00	\$0.0075
312	NFX PJM Northern Illinois Hub Real Time Peak Financial Futures (PNLQ)	\$2.00	\$0.10
312A	NFX PJM Northern Illinois Hub Real Time Peak Mini Financial Futures—5 MW (PNQQ)	\$0.20	\$0.10
312B	NFX PJM Northern Illinois Hub Real Time Peak Mini Financial Futures—1 MW (PNPQ)	\$0.00	\$0.06
313	NFX PJM Western Hub Day Ahead Peak Financial Futures (PJCQ)	\$1.50	\$0.10
313A	NFX PJM Western Hub Day Ahead Peak Mini Financial Futures—5 MW (PJBQ)	\$0.15	\$0.10
313B	NFX PJM Western Hub Day Ahead Peak Mini Financial Futures—1 MW (PJEQ)	\$0.00	\$0.06
314	NFX PJM Western Hub Day Ahead Off Peak Financial Futures (PJDQ)	\$0.15	\$0.10
314A	NFX PJM Western Hub Day Ahead Off Peak Mini Financial Futures— 5 MWH (OPBQ)	\$0.00	\$0.03
314B	NFX PJM Western Hub Day Ahead Off Peak	\$0.00	\$0.0075

	Mini Financial Futures— 1 MWH (OPCQ)		
315	NFX PJM Western Hub Real Time Off Peak Financial Futures (OPJQ)	\$0.15	\$0.10
315A	NFX PJM Western Hub Real Time Off Peak Mini Financial Futures— 5 MWH (OPKQ)	\$0.00	\$0.03
315B	NFX PJM Western Hub Real Time Off Peak Mini Financial Futures— 1 MWH (OPNQ)	\$0.00	\$0.0075
316	NFX PJM Western Hub Real Time Peak Financial Futures (PJMQ)	\$1.50	\$0.10
316A	NFX PJM Western Hub Real Time Peak Mini Financial Futures—5 MW (PMJQ)	\$0.15	\$0.10
316B	NFX PJM Western Hub Real Time Peak Mini Financial Futures—1 MW (PMIQ)	\$0.00	\$0.06
316C	NFX Options on NFX PJM Western Hub Real Time Peak Financial Futures (PJOQ)	\$1.50	\$0.10
317	NFX ERCOT North 345 KV Hub Real Time Peak Financial Futures (ERNQ)	\$2.00	\$0.10
317A	NFX ERCOT North 345 KV Hub Real Time Peak Mini Financial Futures— 5 MW (ENMQ)	\$0.20	\$0.10
317B	NFX ERCOT North 345 KV Hub Real Time Peak Mini Financial Futures— 1 MW (ENSQ)	\$0.00	\$0.06
318	NFX ERCOT Houston 345 KV Hub Real Time Peak Financial Futures (ERHQ)	\$2.00	\$0.10
318A	NFX ERCOT Houston 345 KV Hub Real Time Peak Mini Financial Futures—5 MW (EHMQ)	\$0.20	\$0.10

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318B	NFX ERCOT Houston 345 KV Hub Real Time Peak Mini Financial Futures—1 MW (EHSQ)	\$0.00	\$0.06
319	NFX ERCOT South 345 KV Hub Real Time Peak Financial Futures (ERSQ)	\$2.00	\$0.10
319A	NFX ERCOT South 345 KV Hub Real Time Peak Mini Financial Futures— 5 MW (ESMQ)	\$0.20	\$0.10
319B	NFX ERCOT South 345 KV Hub Real Time Peak Mini Financial Futures— 1 MW (ESSQ)	\$0.00	\$0.06
320	NFX ERCOT West 345 KV Hub Real Time Peak Financial Futures (ERWQ)	\$2.00	\$0.10
320A	NFX ERCOT West 345 KV Hub Real Time Peak Mini Financial Futures— 5 MW (EWMQ)	\$0.20	\$0.10
320B	NFX ERCOT West 345 KV Hub Real Time Peak Mini Financial Futures— 1 MW (EWSQ)	\$0.00	\$0.06
321	NFX ERCOT North 345 KV Hub Real Time Off- Peak Financial Futures (NEBQ)	\$0.15	\$0.10
321A	NFX ERCOT North 345 KV Hub Real Time Off- Peak Mini Financial Futures—5 MWH (NHMQ)	\$0.00	\$0.03
321B	NFX ERCOT North 345 KV Hub Real Time Off- Peak Mini Financial Futures—1 MWH (NHNQ)	\$0.00	\$0.0075
322	NFX ERCOT Houston 345 KV Hub Real Time Off Peak Financial Futures (HEBQ)	\$0.15	\$0.10
322A	NFX ERCOT Houston 345 KV Hub Real Time Off Peak Mini Financial Futures—5 MWH (HHMQ)	\$0.00	\$0.03

322B	NFX ERCOT Houston 345 KV Hub Real Time Off Peak Mini Financial Futures—1 MWH (HHNQ)	\$0.00	\$0.0075
323	NFX ERCOT South 345 KV Hub Real Time Off- Peak Financial Futures (SEBQ)	\$0.15	\$0.10
323A	NFX ERCOT South 345 KV Hub Real Time Off- Peak Mini Financial Futures—5 MWH (SHMQ)	\$0.00	\$0.03
323B	NFX ERCOT South 345 KV Hub Real Time Off- Peak Mini Financial Futures—1 MWH (SHNQ)	\$0.00	\$0.0075
324	NFX ERCOT West 345 KV Hub Real Time Off- Peak Financial Futures (WEBQ)	\$0.15	\$0.10
324A	NFX ERCOT West 345 KV Hub Real Time Off- Peak Mini Financial Futures—5 MWH (WHMQ)	\$0.00	\$0.03
324B	NFX ERCOT West 345 KV Hub Real Time Off- Peak Mini Financial Futures—1 MWH (WHNQ)	\$0.00	\$0.0075
325	NFX PJM AEP Dayton Hub Day Ahead Peak Financial Futures (ADBQ)	\$2.00	\$0.10
325A	NFX PJM AEP Dayton Hub Day Ahead Peak Mini Financial Futures— 5 MW (MSBQ)	\$0.20	\$0.10
325B	NFX PJM AEP Dayton Hub Day Ahead Peak Mini Financial Futures— 1 MW (MSEQ)	\$0.00	\$0.06
326	NFX PJM AEP Dayton Hub Day Ahead Off- Peak Financial Futures (ADDQ)	\$0.15	\$0.10
326A	NFX PJM AEP Dayton Hub Day Ahead Off-	\$0.00	\$0.03

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	Peak Mini Financial Futures—5 MWH (AOBQ)		
	NFX PJM AEP Dayton Hub Day Ahead Off-		
326B	Peak Mini Financial Futures—1 MWH (AOEQ)	\$0.00	\$0.0075
	NFX PJM Northern Illinois Hub Day Ahead		
327	Peak Financial Futures (NIBQ)	\$2.00	\$0.10
	NFX PJM Northern Illinois Hub Day Ahead		
327A	Peak Mini Financial Futures—5 MW (PNBQ)	\$0.20	\$0.10
	NFX PJM Northern Illinois Hub Day Ahead		
327B	Peak Mini Financial Futures—1 MW (PNEQ)	\$0.00	\$0.06
	NFX PJM Northern Illinois Hub Day Ahead		
328	Off-Peak Financial Futures (NIDQ)	\$0.15	\$0.10
	NFX PJM Northern Illinois Hub Day Ahead		
328A	Off-Peak Mini Financial Futures—5 MWH (NICQ)	\$0.00	\$0.03
	NFX PJM Northern Illinois Hub Day Ahead		
328B	Off-Peak Mini Financial Futures—1 MWH (NIEQ)	\$0.00	\$0.0075
	NFX MISO Indiana Hub Peak Day Ahead		
329	Financial Futures (MCCQ)	\$2.00	\$0.10
	NFX MISO Indiana Hub Peak Day Ahead Mini		
329A	Financial Futures—5 MW (MCBQ)	\$0.20	\$0.10
	NFX MISO Indiana Hub Peak Day Ahead Mini		
329B	Financial Futures—1 MW (MCEQ)	\$0.00	\$0.06
	NFX MISO Indiana Hub Day Ahead Off-Peak		
330	Financial Futures (MCDQ)	\$0.15	\$0.10

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330A	NFX MISO Indiana Hub Day Ahead Off Peak Mini Financial Futures— 5 MWH (CPBQ)	\$0.00	\$0.03
330B	NFX MISO Indiana Hub Day Ahead Off Peak Mini Financial Futures— 1 MWH (CPEQ)	\$0.00	\$0.0075
331	NFX NYISO Zone A Day Ahead Peak Financial Futures (NAYQ)	\$2.00	\$0.10
331A	NFX NYISO Zone A Day Ahead Peak Mini Financial Futures— 5MW (NMAQ)	\$0.20	\$0.10
331B	NFX NYISO Zone A Day Ahead Peak Mini Financial Futures— 1MW (NAAQ)	\$0.00	\$0.06
332	NFX NYISO Zone A Day Ahead Off Peak Financial Futures (AOPQ)	\$0.15	\$0.10
332A	NFX NYISO Zone A Day Ahead Off Peak Mini Financial Futures— 5MWh (ONAQ)	\$0.00	\$0.03
332B	NFX NYISO Zone A Day Ahead Off Peak Mini Financial Futures— 1MWh (ONBQ)	\$0.00	\$0.0075
333	NFX NYISO Zone C Day Ahead Peak Financial Futures (NCYQ)	\$2.00	\$0.10
333A	NFX NYISO Zone C Day Ahead Peak Mini Financial Futures— 5MW (ZCBQ)	\$0.20	\$0.10
333B	NFX NYISO Zone C Day Ahead Peak Mini Financial Futures— 1MW (NCCQ)	\$0.00	\$0.06
334	NFX NYISO Zone C Day Ahead Off Peak Financial Futures (NCOQ)	\$0.15	\$0.10
334A	NFX NYISO Zone C Day Ahead Off Peak	\$0.00	\$0.03



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	Mini Financial Futures— 5MWh (ZCDQ)		
334B	NFX NYISO Zone C Day Ahead Off Peak Mini Financial Futures— 1MWh (OCCQ)	\$0.00	\$0.0075
335	NFX NYISO Zone D Day Ahead Peak Financial Futures (NDYQ)	\$2.00	\$0.10
335A	NFX NYISO Zone D Day Ahead Peak Mini Financial Futures— 5MW (NDRQ)	\$0.20	\$0.10
335B	NFX NYISO Zone D Day Ahead Peak Mini Financial Futures— 1MW (NDDQ)	\$0.20	\$0.10
336	NFX NYISO Zone D Day Ahead Off Peak Financial Futures (NDOQ)	\$0.15	\$0.10
336A	NFX NYISO Zone D Day Ahead Off Peak Mini Financial Futures— 5MWh (NDSQ)	\$0.00	\$0.03
336B	NFX NYISO Zone D Day Ahead Off Peak Mini Financial Futures— 1MWh (ODDQ)	\$0.00	\$0.0075
337	NFX NYISO Zone F Day Ahead Peak Financial Futures (NFYQ)	\$2.00	\$0.10
337A	NFX NYISO Zone F Day Ahead Peak Mini Financial Futures— 5MW (ZFBQ)	\$0.20	\$0.10
337B	NFX NYISO Zone F Day Ahead Peak Mini Financial Futures— 1MW (NFFQ)	\$0.00	\$0.06
338	NFX NYISO Zone F Day Ahead Off Peak Financial Futures (NFOQ)	\$0.15	\$0.10
338A	NFX NYISO Zone F Day Ahead Off Peak Mini Financial Futures— 5MWh (ZFDQ)	\$0.00	\$0.03

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338B	NFX NYISO Zone F Day Ahead Off Peak Mini Financial Futures— 1MWh (OFFQ)	\$0.00	\$0.0075
339	NFX NYISO Zone G Day Ahead Peak Financial Futures (NGYQ)	\$2.00	\$0.10
339A	NFX NYISO Zone G Day Ahead Peak Mini Financial Futures— 5MW (NMGQ)	\$0.20	\$0.10
339B	NFX NYISO Zone G Day Ahead Peak Mini Financial Futures— 1MW (NGGQ)	\$0.00	\$0.06
340	NFX NYISO Zone G Day Ahead Off Peak Financial Futures (NGOQ)	\$0.15	\$0.10
340A	NFX NYISO Zone G Day Ahead Off Peak Mini Financial Futures— 5MWh (ONGQ)	\$0.00	\$0.03
340B	NFX NYISO Zone G Day Ahead Off Peak Mini Financial Futures— 1MWh (OGGQ)	\$0.00	\$0.0075
341	NFX NYISO Zone J Day Ahead Peak Financial Futures (NJYQ)	\$2.00	\$0.10
341A	NFX NYISO Zone J Day Ahead Peak Mini Financial Futures— 5MW (NMJQ)	\$0.20	\$0.10
341B	NFX NYISO Zone J Day Ahead Peak Mini Financial Futures— 1MW (NJJQ)	\$0.00	\$0.06
342	NFX NYISO Zone J Day Ahead Off Peak Financial Futures (NJOQ)	\$0.15	\$0.10
342A	NFX NYISO Zone J Day Ahead Off Peak Mini Financial Futures— 5MWh (ONJQ)	\$0.00	\$0.03
342B	NFX NYISO Zone J Day Ahead Off Peak	\$0.00	\$0.0075

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	Mini Financial Futures— 1MWh (OJJQ)		
	NFX NYISO Zone D Day Ahead Peak Mini Financial Futures— 5MW (NDRQ)	\$0.20	\$0.10
335A			
	NFX NYISO Zone D Day Ahead Peak Mini Financial Futures— 1MW (NDDQ)	\$0.20	\$0.10
335B			
	NFX NYISO Zone D Day Ahead Off Peak Financial Futures (NDOQ)	\$0.15	\$0.10
336			
	NFX NYISO Zone D Day Ahead Off Peak Mini Financial Futures— 5MWh (NDSQ)	\$0.00	\$0.03
336A			
	NFX NYISO Zone D Day Ahead Off Peak Mini Financial Futures— 1MWh (ODDQ)	\$0.00	\$0.0075
336B			

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Nasdaq Futures, Inc.  
 1900 Market Street  
 Philadelphia, PA 19103 / USA

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<b><u>NASDAQ FUTURES FEE SCHEDULE Effective April 3, 2017</u></b>							
		<b><u>LEVEL 1 AVERAGE DAILY</u></b>	<b><u>LEVEL 2 AVERAGE DAILY</u></b>	<b><u>LEVEL 3 AVERAGE DAILY</u></b>	<b><u>LEVEL 4 AVERAGE DAILY</u></b>	<b><u>LEVEL 5 AVERAGE DAILY</u></b>	
		<b><u>VOLUME P ER</u></b>	<b><u>VOLUME P ER</u></b>	<b><u>VOLUME P ER</u></b>	<b><u>VOLUME P ER</u></b>	<b><u>VOLUME P ER</u></b>	
		<b><u>MONTH</u></b>	<b><u>MONTH</u></b>	<b><u>MONTH</u></b>	<b><u>MONTH</u></b>	<b><u>MONTH</u></b>	
		<b><u>0 - 999</u></b>	<b><u>1,000-2,499</u></b>	<b><u>2,500-4,999</u></b>	<b><u>5,000-10,000</u></b>	<b><u>&gt;10,000</u></b>	
		<b><u>BASE</u></b>	<b><u>BASE</u></b>	<b><u>BASE</u></b>	<b><u>BASE</u></b>	<b><u>BASE</u></b>	
		<b><u>TRANSACT ION</u></b>	<b><u>TRANSACT ION</u></b>	<b><u>TRANSACT ION</u></b>	<b><u>TRANSACT ION</u></b>	<b><u>TRANSACT ION</u></b>	<b><u>BLOCK TRADE/E FRP</u></b>
<b><u>CHAPT ER</u></b>	<b><u>PRODUCT NAME AND SYMBOL</u></b>	<b><u>FEE</u></b>	<b><u>FEE</u></b>	<b><u>FEE</u></b>	<b><u>FEE</u></b>	<b><u>FEE</u></b>	<b><u>SURCHAR GE</u></b>
	<b><u>TIERED GROUP FEE STRUCTURE FOR MOST LIQUID CONTRACTS</u></b>	-	-	-	-	-	-
<u>101</u>	<u>NFX Brent Crude Financial Futures (BFQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>102</u>	<u>NFX Options on NFX Brent Crude Financial Futures (BCQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>

<u>103</u>	<u>NFX WTI Crude Oil Financial Futures (CLQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>103A</u>	<u>NFX WTI Crude Oil Penultimate Financial Futures (TQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>104A</u>	<u>NFX Options on NFX WTI Crude Oil Penultimate Financial Futures (TOQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>105</u>	<u>NFX Low Sulphur Gasoil Financial Futures (GOQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>106</u>	<u>NFX Heating Oil Financial Futures (HOQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>106A</u>	<u>NFX Heating Oil Penultimate Financial Futures (OQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>106C</u>	<u>NFX Options on NFX Heating Oil Penultimate Financial Futures (OOQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>107</u>	<u>NFX RBOB Gasoline Financial Futures (RBQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>107A</u>	<u>NFX RBOB Gasoline Penultimate Financial Futures (RQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>107D</u>	<u>NFX Options on NFX RBOB Gasoline Penultimate Financial Futures (ROQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>203</u>	<u>NFX Henry Hub Natural Gas Financial Futures - 10,000 (HHQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>204</u>	<u>NFX Henry Hub Natural Gas Penultimate Financial Futures - 10,000 (HUQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>
<u>205</u>	<u>NFX Options on NFX Henry Hub Penultimate Financial Futures - 10,000 (LNQ)</u>	<u>\$0.60</u>	<u>\$0.50</u>	<u>\$0.40</u>	<u>\$0.30</u>	<u>\$0.20</u>	<u>\$0.10</u>

		<b><u>BASE</u></b>					
		<b><u>TRANSACTION</u></b>	<b><u>BLOCK</u></b>				
		<b><u>FEE</u></b>	<b><u>TRADE/EF</u></b>				
			<b><u>RP</u></b>				
			<b><u>SURCHARGE</u></b>				
			<b><u>E</u></b>				
	<b><u>OIL AND REFINED PRODUCTS</u></b>	-	-				
<u>101A</u>	<u>NFX Brent 1st Line Financial Futures (IBQ)</u>	<u>\$0.60</u>	<u>\$0.10</u>				
<u>101B</u>	<u>NFX Brent 1st Line Mini Financial Futures (IMMQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>101C</u>	<u>NFX Options on NFX Brent 1st Line Financial Futures (IOQ)</u>	<u>\$0.60</u>	<u>\$0.10</u>				
<u>103B</u>	<u>NFX WTI 1st Line Financial Futures (RTIQ)</u>	<u>\$0.60</u>	<u>\$0.10</u>				
<u>103C</u>	<u>NFX WTI 1st Line Mini Financial Futures (RMMQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>103D</u>	<u>NFX Options on WTI 1st Line Financial Futures (TIQ)</u>	<u>\$0.60</u>	<u>\$0.10</u>				
<u>105A</u>	<u>NFX Low Sulphur Gasoil 1st Line Financial Futures (ULAQ)</u>	<u>\$0.60</u>	<u>\$0.10</u>				
<u>105B</u>	<u>NFX Gasoil Crack Financial Futures (in BBLs) - Low Sulphur Gasoil 1st Line vs. Brent 1st Line (GZQ)</u>	<u>\$0.60</u>	<u>\$0.10</u>				
<u>106B</u>	<u>NFX Heating Oil 1st Line Financial Futures (HOFQ)</u>	<u>\$0.60</u>	<u>\$0.10</u>				
<u>107B</u>	<u>NFX RBOB Gasoline 1st Line Financial Futures (RBSQ)</u>	<u>\$0.60</u>	<u>\$0.10</u>				
<u>107C</u>	<u>NFX Gasoline Crack Financial Futures (in BBLs) - RBOB Gasoline 1st Line vs Brent 1st Line (RBRQ)</u>	<u>\$0.60</u>	<u>\$0.10</u>				

<u>108</u>	<u>NFX Fuel Oil 3.5% FOB Rotterdam Barges Financial Futures (BARQ)</u>	<u>\$5.00</u>	<u>\$0.10</u>				
<u>109</u>	<u>NFX Fuel Oil 3.5% FOB MED Cargoes Financial Futures (FOMQ)</u>	<u>\$5.00</u>	<u>\$0.10</u>				
<u>110</u>	<u>NFX Fuel Oil 380 CST Singapore Financial Futures (SYSQ)</u>	<u>\$5.00</u>	<u>\$0.10</u>				
<u>111</u>	<u>NFX Fuel Oil 180 CST Singapore Financial Futures (SZSQ)</u>	<u>\$5.00</u>	<u>\$0.10</u>				
<u>112</u>	<u>NFX Fuel Oil Diff - NFX Fuel Oil 380 CST Singapore Financial Futures vs NFX Fuel Oil 3.5% FOB Rotterdam Barges Financial Futures (SJSQ)</u>	<u>\$5.00</u>	<u>\$0.10</u>				
<u>113</u>	<u>NFX Fuel Oil Diff - NFX Fuel Oil 180 CST Singapore Financial Futures vs NFX Fuel Oil 380 CST Singapore Financial Futures (STSQ)</u>	<u>\$5.00</u>	<u>\$0.10</u>				
	<b><u>NATURAL GAS PRODUCTS</u></b>	-	-				
<u>201</u>	<u>NFX Henry Hub Natural Gas Financial Futures - 2,500 (NNQ)</u>	<u>\$0.20</u>	<u>\$0.10</u>				
<u>202</u>	<u>NFX Henry Hub Natural Gas Penultimate Financial Futures - 2,500 (NPQ)</u>	<u>\$0.20</u>	<u>\$0.10</u>				
	<b><u>POWER PRODUCTS</u></b>	-	-				
<u>301</u>	<u>NFX CAISO NP-15 Hub Day-Ahead Off-Peak Financial Futures (ONPQ)</u>	<u>\$0.075</u>	<u>\$0.05</u>				
<u>301A</u>	<u>NFX CAISO NP-15 Hub Day-Ahead Off-Peak Mini Financial Futures - 5 MWH (ONMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				



<u>301B</u>	<u>NFX CAISO NP-15 Hub Day-Ahead Off-Peak Mini Financial Futures - 1 MWH (ONNQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>302</u>	<u>NFX CAISO NP-15 Hub Day-Ahead Peak Financial Futures (NPMQ)</u>	<u>\$1.50</u>	<u>\$0.10</u>				
<u>302A</u>	<u>NFX CAISO NP-15 Hub Day-Ahead Peak Mini Financial Futures - 5 MW (NPNQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>302B</u>	<u>NFX CAISO NP-15 Hub Day-Ahead Peak Mini Financial Futures - 1 MW (NPPQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>303</u>	<u>NFX CAISO SP-15 Hub Day-Ahead Off-Peak Financial Futures (OFPO)</u>	<u>\$0.075</u>	<u>\$0.05</u>				
<u>303A</u>	<u>NFX CAISO SP-15 Hub Day-Ahead Off-Peak Mini Financial Futures - 5 MWH (OFMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>303B</u>	<u>NFX CAISO SP-15 Hub Day-Ahead Off-Peak Mini Financial Futures - 1 MWH (OFNQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>304</u>	<u>NFX CAISO SP-15 Hub Day-Ahead Peak Financial Futures (SPMQ)</u>	<u>\$1.50</u>	<u>\$0.10</u>				
<u>304A</u>	<u>NFX CAISO SP-15 Hub Day-Ahead Peak Mini Financial Futures - 5 MW (SPZQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>304B</u>	<u>NFX CAISO SP-15 Hub Day-Ahead Peak Mini Financial Futures - 1 MW (SPVQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>305</u>	<u>NFX ISO-NE Massachusetts Hub Day-Ahead Off-Peak Financial Futures (NOPQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				

<u>305A</u>	<u>NFX ISO-NE Massachusetts Hub Day-Ahead Off-Peak Mini Financial Futures - 5 MWH (NOMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>305B</u>	<u>NFX ISO-NE Massachusetts Hub Day-Ahead Off-Peak Mini Financial Futures - 1MWH (NONQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>306</u>	<u>NFX ISO-NE Massachusetts Hub Day-Ahead Peak Financial Futures (NEPQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>306A</u>	<u>NFX ISO-NE Massachusetts Hub Day-Ahead Peak Mini Financial Futures - 5 MW (NMMQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>306B</u>	<u>NFX ISO-NE Massachusetts Hub Day-Ahead Peak Mini Financial Futures - 1 MW (NEMQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>307</u>	<u>NFX MISO Indiana Hub Real-Time Off-Peak Financial Futures (CPOQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>307A</u>	<u>NFX MISO Indiana Hub Real-Time Off-Peak Mini Financial Futures - 5 MWH (CPMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>307B</u>	<u>NFX MISO Indiana Hub Real-Time Off-Peak Financial Mini Futures - 1 MWH (CPNQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>308</u>	<u>NFX MISO Indiana Hub Real-Time Peak Financial Futures (CINQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>308A</u>	<u>NFX MISO Indiana Hub Real-Time Peak Mini Financial Futures - 5 MW (MCHQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>308B</u>	<u>NFX MISO Indiana Hub Real-Time Peak Mini Financial Futures - 1 MW (MCGQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				

<u>309</u>	<u>NFX PJM AEP Dayton Hub Real-Time Off-Peak Financial Futures (AODQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>309A</u>	<u>NFX PJM AEP Dayton Hub Real-Time Off-Peak Mini Financial Futures - 5 MWH (AOMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>309B</u>	<u>NFX PJM AEP Dayton Hub Real-Time Off-Peak Financial Mini Futures - 1 MWH (AONQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>310</u>	<u>NFX PJM AEP Dayton Hub Real-Time Peak Financial Futures (MSOQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>310A</u>	<u>NFX PJM AEP Dayton Hub Real-Time Peak Mini Financial Futures - 5 MW (MSSQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>310B</u>	<u>NFX PJM AEP Dayton Hub Real-Time Peak Mini Financial Futures - 1 MW (MSTQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>311</u>	<u>NFX PJM Northern Illinois Hub Real-Time Off-Peak Financial Futures (NIOQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>311A</u>	<u>NFX PJM Northern Illinois Hub Real-Time Off-Peak Mini Financial Futures - 5 MWH (NIMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>311B</u>	<u>NFX PJM Northern Illinois Hub Real-Time Off-Peak Mini Financial Futures - 1 MWH (NINQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>312</u>	<u>NFX PJM Northern Illinois Hub Real-Time Peak Financial Futures (PNLQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				

<u>312A</u>	<u>NFX PJM Northern Illinois Hub Real-Time Peak Mini Financial Futures - 5 MW (PNQQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>312B</u>	<u>NFX PJM Northern Illinois Hub Real-Time Peak Mini Financial Futures - 1 MW (PNPQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>313</u>	<u>NFX PJM Western Hub Day-Ahead Peak Financial Futures (PJCQ)</u>	<u>\$1.50</u>	<u>\$0.10</u>				
<u>313A</u>	<u>NFX PJM Western Hub Day-Ahead Peak Mini Financial Futures - 5 MW (PJBQ)</u>	<u>\$0.20</u>	<u>\$0.10</u>				
<u>313B</u>	<u>NFX PJM Western Hub Day-Ahead Peak Mini Financial Futures - 1 MW (PJEQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>314</u>	<u>NFX PJM Western Hub Day-Ahead Off-Peak Financial Futures (PJDQ)</u>	<u>\$0.20</u>	<u>\$0.10</u>				
<u>314A</u>	<u>NFX PJM Western Hub Day-Ahead Off-Peak Mini Financial Futures - 5 MWH (OPBQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>314B</u>	<u>NFX PJM Western Hub Day-Ahead Off-Peak Mini Financial Futures - 1 MWH (OPCQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>315</u>	<u>NFX PJM Western Hub Real-Time Off-Peak Financial Futures (OPJQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>315A</u>	<u>NFX PJM Western Hub Real-Time Off-Peak Mini Financial Futures - 5 MWH (OPKQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>315B</u>	<u>NFX PJM Western Hub Real-Time Off-Peak Mini Financial Futures - 1 MWH (OPNQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>316</u>	<u>NFX PJM Western Hub Real-Time Peak Financial Futures (PJMQ)</u>	<u>\$1.50</u>	<u>\$0.10</u>				

<u>316A</u>	<u>NFX PJM Western Hub Real-Time Peak Mini Financial Futures - 5 MW (PMJQ)</u>	<u>\$0.20</u>	<u>\$0.10</u>				
<u>316B</u>	<u>NFX PJM Western Hub Real-Time Peak Mini Financial Futures - 1 MW (PMIQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>316C</u>	<u>NFX Options on NFX PJM Western Hub Real-Time Peak Financial Futures (PJOQ)</u>	<u>\$1.50</u>	<u>\$0.10</u>				
<u>317</u>	<u>NFX ERCOT North 345 KV Hub Real-Time Peak Financial Futures (ERNQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>317A</u>	<u>NFX ERCOT North 345 KV Hub Real-Time Peak Mini Financial Futures - 5 MW (ENMQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>317B</u>	<u>NFX ERCOT North 345 KV Hub Real-Time Peak Mini Financial Futures - 1 MW (ENSQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>318</u>	<u>NFX ERCOT Houston 345 KV Hub Real-Time Peak Financial Futures (ERHQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>318A</u>	<u>NFX ERCOT Houston 345 KV Hub Real-Time Peak Mini Financial Futures - 5 MW (EHMQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>318B</u>	<u>NFX ERCOT Houston 345 KV Hub Real-Time Peak Mini Financial Futures - 1 MW (EHSQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>319</u>	<u>NFX ERCOT South 345 KV Hub Real-Time Peak Financial Futures (ERSQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				

<u>319A</u>	<u>NFX ERCOT South 345 KV Hub Real-Time Peak Mini Financial Futures - 5 MW (ESMQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>319B</u>	<u>NFX ERCOT South 345 KV Hub Real-Time Peak Mini Financial Futures - 1 MW (ESSQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>320</u>	<u>NFX ERCOT West 345 KV Hub Real-Time Peak Financial Futures (ERWQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>320A</u>	<u>NFX ERCOT West 345 KV Hub Real-Time Peak Mini Financial Futures - 5 MW (EWMQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>320B</u>	<u>NFX ERCOT West 345 KV Hub Real-Time Peak Mini Financial Futures - 1 MW (EWSQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>321</u>	<u>NFX ERCOT North 345 KV Hub Real-Time Off-Peak Financial Futures (NEBQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>321A</u>	<u>NFX ERCOT North 345 KV Hub Real-Time Off-Peak Mini Financial Futures - 5 MWH (NHMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>321B</u>	<u>NFX ERCOT North 345 KV Hub Real-Time Off-Peak Mini Financial Futures - 1 MWH (NHNQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>322</u>	<u>NFX ERCOT Houston 345 KV Hub Real-Time Off-Peak Financial Futures (HEBQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>322A</u>	<u>NFX ERCOT Houston 345 KV Hub Real-Time Off-Peak Mini Financial Futures - 5 MWH (HHMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				

<u>322B</u>	<u>NFX ERCOT Houston 345 KV Hub Real-Time Off-Peak Mini Financial Futures - 1 MWH (HHNQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>323</u>	<u>NFX ERCOT South 345 KV Hub Real-Time Off-Peak Financial Futures (SEBQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>323A</u>	<u>NFX ERCOT South 345 KV Hub Real-Time Off-Peak Mini Financial Futures - 5 MWH (SHMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>323B</u>	<u>NFX ERCOT South 345 KV Hub Real-Time Off-Peak Mini Financial Futures - 1 MWH (SHNQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>324</u>	<u>NFX ERCOT West 345 KV Hub Real-Time Off-Peak Financial Futures (WEBQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>324A</u>	<u>NFX ERCOT West 345 KV Hub Real-Time Off-Peak Mini Financial Futures - 5 MWH (WHMQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>324B</u>	<u>NFX ERCOT West 345 KV Hub Real-Time Off-Peak Mini Financial Futures - 1 MWH (WHNQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>325</u>	<u>NFX PJM AEP Dayton Hub Day-Ahead Peak Financial Futures (ADBQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>325A</u>	<u>NFX PJM AEP Dayton Hub Day-Ahead Peak Mini Financial Futures - 5 MW (MSBQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>325B</u>	<u>NFX PJM AEP Dayton Hub Day-Ahead Peak Mini Financial Futures - 1 MW (MSEQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				

<u>326</u>	<u>NFX PJM AEP Dayton Hub Day-Ahead Off-Peak Financial Futures (ADDQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>326A</u>	<u>NFX PJM AEP Dayton Hub Day-Ahead Off-Peak Mini Financial Futures - 5 MWH (AOBQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>326B</u>	<u>NFX PJM AEP Dayton Hub Day-Ahead Off-Peak Mini Financial Futures - 1 MWH (AOEQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>327</u>	<u>NFX PJM Northern Illinois Hub Day-Ahead Peak Financial Futures (NIBQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>327A</u>	<u>NFX PJM Northern Illinois Hub Day-Ahead Peak Mini Financial Futures - 5 MW (PNBQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>327B</u>	<u>NFX PJM Northern Illinois Hub Day-Ahead Peak Mini Financial Futures - 1 MW (PNEQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>328</u>	<u>NFX PJM Northern Illinois Hub Day-Ahead Off-Peak Financial Futures (NIDQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>328A</u>	<u>NFX PJM Northern Illinois Hub Day-Ahead Off-Peak Mini Financial Futures - 5 MWH (NICQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>328B</u>	<u>NFX PJM Northern Illinois Hub Day-Ahead Off-Peak Mini Financial Futures - 1 MWH (NIEQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>329</u>	<u>NFX MISO Indiana Hub Peak Day-Ahead Financial Futures (MCCQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>329A</u>	<u>NFX MISO Indiana Hub Peak Day-Ahead Mini Financial Futures - 5 MW (MCBQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				



<u>329B</u>	<u>NFX MISO Indiana Hub Peak Day-Ahead Mini Financial Futures - 1 MW (MCEQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>330</u>	<u>NFX MISO Indiana Hub Day-Ahead Off-Peak Financial Futures (MCDQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>330A</u>	<u>NFX MISO Indiana Hub Day-Ahead Off-Peak Mini Financial Futures - 5 MWH (CPBQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>330B</u>	<u>NFX MISO Indiana Hub Day-Ahead Off-Peak Mini Financial Futures - 1 MWH (CPEQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>331</u>	<u>NFX NYISO Zone A Day-Ahead Peak Financial Futures (NAYQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>331A</u>	<u>NFX NYISO Zone A Day-Ahead Peak Mini Financial Futures - 5MW (NMAQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>331B</u>	<u>NFX NYISO Zone A Day-Ahead Peak Mini Financial Futures - 1MW (NAAQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>332</u>	<u>NFX NYISO Zone A Day-Ahead Off-Peak Financial Futures (AOPQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>332A</u>	<u>NFX NYISO Zone A Day-Ahead Off-Peak Mini Financial Futures - 5MWh (ONAQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>332B</u>	<u>NFX NYISO Zone A Day-Ahead Off-Peak Mini Financial Futures - 1MWh (ONBQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>333</u>	<u>NFX NYISO Zone C Day-Ahead Peak Financial Futures (NCYQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>333A</u>	<u>NFX NYISO Zone C Day-Ahead Peak Mini Financial Futures - 5MW (ZCBQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				

<u>333B</u>	<u>NFX NYISO Zone C Day-Ahead Peak Mini Financial Futures - 1MW (NCCQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>334</u>	<u>NFX NYISO Zone C Day-Ahead Off-Peak Financial Futures (NCOQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>334A</u>	<u>NFX NYISO Zone C Day-Ahead Off-Peak Mini Financial Futures - 5MWh (ZCDQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>334B</u>	<u>NFX NYISO Zone C Day-Ahead Off-Peak Mini Financial Futures - 1MWh (OCCQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>335</u>	<u>NFX NYISO Zone D Day-Ahead Peak Financial Futures (NDYQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>335A</u>	<u>NFX NYISO Zone D Day-Ahead Peak Mini Financial Futures - 5MW (NDRQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>335B</u>	<u>NFX NYISO Zone D Day-Ahead Peak Mini Financial Futures - 1MW (NDDQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>336</u>	<u>NFX NYISO Zone D Day-Ahead Off-Peak Financial Futures (NDOQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>336A</u>	<u>NFX NYISO Zone D Day-Ahead Off-Peak Mini Financial Futures - 5MWh (NDSQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>336B</u>	<u>NFX NYISO Zone D Day-Ahead Off-Peak Mini Financial Futures - 1MWh (ODDQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>337</u>	<u>NFX NYISO Zone F Day-Ahead Peak Financial Futures (NFYQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>337A</u>	<u>NFX NYISO Zone F Day-Ahead Peak Mini Financial Futures - 5MW (ZFBQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				

<u>337B</u>	<u>NFX NYISO Zone F Day-Ahead Peak Mini Financial Futures - 1MW (NFFQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>338</u>	<u>NFX NYISO Zone F Day-Ahead Off-Peak Financial Futures (NFOQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>338A</u>	<u>NFX NYISO Zone F Day-Ahead Off-Peak Mini Financial Futures - 5MWh (ZFDQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>338B</u>	<u>NFX NYISO Zone F Day-Ahead Off-Peak Mini Financial Futures - 1MWh (OFFQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>339</u>	<u>NFX NYISO Zone G Day-Ahead Peak Financial Futures (NGYQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>339A</u>	<u>NFX NYISO Zone G Day-Ahead Peak Mini Financial Futures - 5MW (NMGQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				
<u>339B</u>	<u>NFX NYISO Zone G Day-Ahead Peak Mini Financial Futures - 1MW (NGGQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>340</u>	<u>NFX NYISO Zone G Day-Ahead Off-Peak Financial Futures (NGOQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>340A</u>	<u>NFX NYISO Zone G Day-Ahead Off-Peak Mini Financial Futures - 5MWh (ONGQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>340B</u>	<u>NFX NYISO Zone G Day-Ahead Off-Peak Mini Financial Futures - 1MWh (OGGQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				
<u>341</u>	<u>NFX NYISO Zone J Day-Ahead Peak Financial Futures (NJYQ)</u>	<u>\$3.00</u>	<u>\$0.10</u>				
<u>341A</u>	<u>NFX NYISO Zone J Day-Ahead Peak Mini Financial Futures - 5MW (NMJQ)</u>	<u>\$0.25</u>	<u>\$0.10</u>				

<u>341B</u>	<u>NFX NYISO Zone J Day-Ahead Peak Mini Financial Futures - 1MW (NJJQ)</u>	<u>\$0.00</u>	<u>\$0.06</u>				
<u>342</u>	<u>NFX NYISO Zone J Day-Ahead Off-Peak Financial Futures (NJOQ)</u>	<u>\$0.15</u>	<u>\$0.10</u>				
<u>342A</u>	<u>NFX NYISO Zone J Day-Ahead Off-Peak Mini Financial Futures - 5MWh (ONJQ)</u>	<u>\$0.00</u>	<u>\$0.03</u>				
<u>342B</u>	<u>NFX NYISO Zone J Day-Ahead Off-Peak Mini Financial Futures - 1MWh (OJJQ)</u>	<u>\$0.00</u>	<u>\$0.0075</u>				

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