


ICE FUTURES U.S.
World Financial Center
One North End Avenue
New York, New York 10282

BY ELECTRONIC TRANSMISSION

Submission No. 12-45A-2
October 5, 2012

Secretary
Commodity Futures Trading Commission
Three Lafayette Centre
1155 21st Street, NW
Washington, DC 20581

Re: Amendments to Submission 12-45 Submission Pursuant to Regulation 40.2

Dear Sir or Madam:

Pursuant to Section 5c(c)(1) of the Commodity Exchange Act, as amended (the "CEA") and Commission Regulations 40.2, ICE Futures U.S., Inc. ("IFUS" or "Exchange") is correcting the terms and conditions of certain Energy Contracts described in the original submission and deleting Resolution 3 to Chapter 18, as set forth in attached Exhibit A. Corrections to Rules 18.B.064, 065, 068, 071, 074 and 135 delete one set of the words "Fixed Price" which are repeated in the name of certain contracts; and corrections to Rule 18.B.168 correct the reference price for the contract which erroneously stated "Real Time" instead of "Day Ahead." Amendments to Resolution 1 of Chapter 18 correct the rule numbers associated with certain contracts and add omitted contracts to the Minimum Price Fluctuation. Resolution 3 to Chapter 18 is being deleted as this provision previously has been moved to the Exchange's Error Policy.

The Exchange certifies that the corrections and amendments comply with the requirements of the CEA and the rules and regulations promulgated thereunder.

The Exchange is not aware of any substantive opposing views expressed by members or others with respect to the amendments. The Exchange further certifies that, concurrent with this filing, a copy of this submission was posted on the Exchange's website at (<https://www.theice.com/notices/RegulatoryFilings.shtml>).

If you have any questions or need further information, please contact me at 212-748-4021 or at jason.fusco@theice.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason V. Fusco". The signature is fluid and cursive, with a large initial "J" and a long, sweeping underline.

Assistant General Counsel
Market Regulation

Enc.

cc: Division of Market Oversight
New York Regional Office

EXHIBIT A

**Subchapter 18B - Power
Swap Futures Contracts**

Rule Subject

Rule 18.B.064 ERCOT Houston 345KV Day-Ahead Off-Peak Fixed Price [~~Fixed Price~~] Swap Future

Rule 18.B.065 ERCOT Houston 345KV Real-Time Off-Peak Fixed Price [~~Fixed Price~~] Swap Future

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Rule 18.B.068 ERCOT North 345KV Real-Time Off-Peak Fixed Price [~~Fixed Price~~] Swap Future

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Rule 18.B.071 ERCOT South 345KV Real-Time Off-Peak Fixed Price [~~Fixed Price~~] Swap Future

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Rule 18.B.074 ERCOT West 345KV Real-Time Off-Peak Fixed Price [~~Fixed Price~~] Swap Future

Rule 18.B.135 ERCOT West 345KV Real-Time Peak Daily Fixed Price [~~Fixed Price~~] Swap Future

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Rule 18.B.064 ERCOT Houston 345KV Day-Ahead Off-Peak Fixed Price [~~Fixed Price~~] Swap Future

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Rule 18.B.065 ERCOT Houston 345KV Real-Time Off-Peak Fixed Price [~~Fixed Price~~] Swap Future

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Rule 18.B.068 ERCOT North 345KV Real-Time Off-Peak Fixed Price [~~Fixed Price~~] Swap Future

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Rule 18.B.071 ERCOT South 345KV Real-Time Off-Peak Fixed Price [~~Fixed Price~~] Swap Future

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Rule 18.B.135 ERCOT West 345KV Real-Time Peak Daily Fixed Price [~~Fixed Price~~] Swap Future

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Rule 18.B.168 ERCOT South 345 KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future

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Reference Price A: ELECTRICITY-ERCOT-SOUTH 345KV HUB-~~[REAL-TIME]~~ DAY AHEAD

- a) **Description:** "ELECTRICITY-ERCOT-SOUTH 345KV HUB-~~[REAL-TIME]~~ DAY AHEAD" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the ERCOT at <http://www.ercot.com/mktinfo/prices/>, under the heading "Market Information:

[REMAINDER OF RULE UNCHANGED]

Resolution No. 1-Minimum Price Fluctuation Table

The following minimum price fluctuations shall be applicable to Energy Contracts.

Rule Number	Product	Minimum Price Fluctuation Screen	Blocks and other trades outside the central limit order book
18.A.001	AB NIT Basis Swap Future	\$0.0005	\$0.0001
18.A.002	Algonquin Citygates Basis Swap Future	\$0.0005	\$0.0001
18.A.003	ANR SE (Louisiana) Basis Swap Future	\$0.0005	\$0.0001
18.A.004	ANR SW (Oklahoma) Basis Swap Future	\$0.0005	\$0.0001
18.A.005	Centerpoint Basis Swap Future	\$0.0005	\$0.0001
18.A.006	CG Mainline Basis Swap Future	\$0.0005	\$0.0001
18.A.007	CG Onshore Basis Swap Future	\$0.0005	\$0.0001
18.A.008	Chicago Basis Swap Future	\$0.0005	\$0.0001
18.A.009	CIG Rockies Basis Swap Future	\$0.0005	\$0.0001
18.A.010	Dominion South Basis Swap Future	\$0.0005	\$0.0001
18.A.011	EP Permian Basis Swap Future	\$0.0005	\$0.0001
18.A.012	EP San Juan Basis Swap Future	\$0.0005	\$0.0001
18.A.013	Florida Gas Zone 3 Basis Swap Future	\$0.0005	\$0.0001
18.A.014	Henry Basis Swap Future	\$0.0005	\$0.0001
18.A.015	HSC Basis Swap Future	\$0.0005	\$0.0001
18.A.016	Malin Basis Swap Future	\$0.0005	\$0.0001
18.A.017	Michcon Basis Swap Future	\$0.0005	\$0.0001
18.A.018	NGPL Midcont <u>Basis Swap Future</u>	\$0.0005	\$0.0001
18.A.019	NGPL STX Basis Swap Future	\$0.0005	\$0.0001

18.A.020	NGPL TXOK Basis Swap Future	\$0.0005	\$0.0001
18.A.021	NNG Demarc Basis Swap Future	\$0.0005	\$0.0001
18.A.022	NNG Ventura Basis Swap Future	\$0.0005	\$0.0001
18.A.023	NWP Rockies Basis Swap Future	\$0.0005	\$0.0001
18.A.024	NWP Sumas Basis Swap Future	\$0.0005	\$0.0001
18.A.025	ONEOK Gas Transportation Basis Swap Future	\$0.0005	\$0.0001
18.A.026	Panhandle Basis Swap Future	\$0.0005	\$0.0001
18.A.027	PG&E Citygate Basis Swap Future	\$0.0005	\$0.0001
18.A.028	Socal Border Basis Swap Future	\$0.0005	\$0.0001
18.A.029	Socal Citygate Basis Swap Future	\$0.0005	\$0.0001
18.A.030	Sonat Basis Swap Future	\$0.0005	\$0.0001
18.A.031	Southern Star TX OK KS Basis Swap Future	\$0.0005	\$0.0001
18.A.032	TCO Basis Swap Future	\$0.0005	\$0.0001
18.A.033	Tennessee 500L Basis Swap Future	\$0.0005	\$0.0001
18.A.034	Tennessee 800L Basis Swap Future	\$0.0005	\$0.0001
18.A.035	Tennessee Zone 0 Basis Swap Future	\$0.0005	\$0.0001
18.A.036	TETCO ELA Basis Swap Future	\$0.0005	\$0.0001
18.A.037	TETCO M3 Basis Swap Future	\$0.0005	\$0.0001
18.A.038	TETCO STX Basis Swap Future	\$0.0005	\$0.0001
18.A.039	TETCO WLA Basis Swap Future	\$0.0005	\$0.0001
18.A.040	TGT Zone 1 Basis Swap Future	\$0.0005	\$0.0001
18.A.041	TGT Zone SL (FT) Basis Swap Future	\$0.0005	\$0.0001
18.A.042	Transco Station 30 (Zone 1) Basis Swap Future	\$0.0005	\$0.0001
18.A.043	Transco Station 45 (Zone 2) Basis Swap Future	\$0.0005	\$0.0001
18.A.044	Transco Station 65 (Zone 3) Basis Swap Future	\$0.0005	\$0.0001
18.A.045	Transco Station 85 (Zone 4) Basis Swap Future	\$0.0005	\$0.0001

18.A.046	Transco Zone 6 (non NY) Basis Swap Future	\$0.0005	\$0.0001
18.A.047	Transco Zone 6 (NY) Basis Swap Future	\$0.0005	\$0.0001
18.A.048	Trunkline LA Basis Swap Future	\$0.0005	\$0.0001
18.A.049	Union Dawn Basis Swap Future	\$0.0005	\$0.0001
18.A.050	Waha Basis Swap Future	\$0.0005	\$0.0001
18.A.051	AB NIT Index Swap Future	\$0.0005	\$0.0001
18.A.052	Algonquin Citygates Index Swap Future	\$0.0005	\$0.0001
18.A.053	ANR SE (Louisiana) Index Swap Future	\$0.0005	\$0.0001
18.A.054	ANR SW (Oklahoma) Index Swap Future	\$0.0005	\$0.0001
18.A.055	Centerpoint Index Swap Future	\$0.0005	\$0.0001
18.A.056	CG-Mainline Index Swap Future	\$0.0005	\$0.0001
18.A.057	Chicago Index Swap Future	\$0.0005	\$0.0001
18.A.058	CIG Rockies Index Swap Future	\$0.0005	\$0.0001
18.A.059	Dominion South Index Swap Future	\$0.0005	\$0.0001
18.A.060	EP Permian Index Swap Future	\$0.0005	\$0.0001
18.A.061	EP San Juan Index Swap Future	\$0.0005	\$0.0001
18.A.062	Florida Gas Zone 3 Index Swap Future	\$0.0005	\$0.0001
18.A.063	Henry Index Swap Future	\$0.0005	\$0.0001
18.A.064	HSC Index Swap Future	\$0.0005	\$0.0001
18.A.065	Malin Index Swap Future	\$0.0005	\$0.0001
18.A.066	Michcon Index Swap Future	\$0.0005	\$0.0001
18.A.067	NGPL Midcont Index Swap Future	\$0.0005	\$0.0001
18.A.068	NGPL STX Index Swap Future	\$0.0005	\$0.0001
18.A.069	NGPL TXOK Index Swap Future	\$0.0005	\$0.0001
18.A.070	NNG Demarc Index Swap Future	\$0.0005	\$0.0001
18.A.071	NNG Ventura Index Swap Future	\$0.0005	\$0.0001

18.A.072	NWP Rockies Index Swap Future	\$0.0005	\$0.0001
18.A.073	NWP Sumas Index Swap Future	\$0.0005	\$0.0001
18.A.074	ONEOK Gas Transportation Index Swap Future	\$0.0005	\$0.0001
18.A.075	Panhandle Index Swap Future	\$0.0005	\$0.0001
18.A.076	PG&E Citygate Index Swap Future	\$0.0005	\$0.0001
18.A.077	Socal Border Index Swap Future	\$0.0005	\$0.0001
18.A.078	Socal Citygate Index Swap Future	\$0.0005	\$0.0001
18.A.079	Sonat Index Swap Future	\$0.0005	\$0.0001
18.A.080	Southern Star TX OK KS Index Swap Future	\$0.0005	\$0.0001
18.A.081	TCO Index Swap Future	\$0.0005	\$0.0001
18.A.082	Tennessee 500L Index Swap Future	\$0.0005	\$0.0001
18.A.083	Tennessee Zone 0 Index Swap Future	\$0.0005	\$0.0001
18.A.084	TETCO ELA Index Swap Future	\$0.0005	\$0.0001
18.A.085	TETCO M3 Index Swap Future	\$0.0005	\$0.0001
18.A.086	TETCO STX Index Swap Future	\$0.0005	\$0.0001
18.A.087	TETCO WLA Index Swap Future	\$0.0005	\$0.0001
18.A.088	TGT Zone 1 Index Swap Future	\$0.0005	\$0.0001
18.A.089	Transco Station 45 (Zone 2) Index Swap Future	\$0.0005	\$0.0001
18.A.090	Transco Station 65 (Zone 3) Index Swap Future	\$0.0005	\$0.0001
18.A.091	Transco Station 85 (Zone 4) Index Swap Future	\$0.0005	\$0.0001
18.A.092	Transco Zone 6 (non NY) Index Swap Future	\$0.0005	\$0.0001
18.A.093	Transco Zone 6 (NY) Index Swap Future	\$0.0005	\$0.0001
18.A.094	Waha Index Swap Future	\$0.0005	\$0.0001
18.A.095	AB NIT Swing Swap Future	\$0.0010	\$0.0001
18.A.096	Algonquin Citygates Swing Swap Future	\$0.0010	\$0.0001
18.A.097	ANR SE (Louisiana) Swing Swap Future	\$0.0010	\$0.0001

18.A.098	ANR SW (Oklahoma) Swing Swap Future	\$0.0010	\$0.0001
18.A.099	Centerpoint Swing Swap Future	\$0.0010	\$0.0001
18.A.100	CG-Mainline Swing Swap Future	\$0.0010	\$0.0001
18.A.101	Chicago Swing Swap Future	\$0.0010	\$0.0001
18.A.102	CIG Rockies Swing Swap Future	\$0.0010	\$0.0001
18.A.103	Dominion South Swing Swap Future	\$0.0010	\$0.0001
18.A.104	EP Permian Swing Swap Future	\$0.0010	\$0.0001
18.A.105	EP San Juan Swing Swap Future	\$0.0010	\$0.0001
18.A.106	Florida Gas Zone 3 Swing Swap Future	\$0.0010	\$0.0001
18.A.107	Henry Swing Swap Future	\$0.0010	\$0.0001
18.A.108	HSC Swing Swap Future	\$0.0010	\$0.0001
18.A.109	Lebanon Swing Swap Future	\$0.0010	\$0.0001
18.A.110	Malin Swing Swap Future	\$0.0010	\$0.0001
18.A.111	Michcon Swing Swap Future	\$0.0010	\$0.0001
18.A.112	NGPL Midcont Swing Swap Future	\$0.0010	\$0.0001
18.A.113	NGPL STX Swing Swap Future	\$0.0010	\$0.0001
18.A.114	NGPL TXOK Swing Swap Future	\$0.0010	\$0.0001
18.A.115	NNG Demarc Swing Swap Future	\$0.0010	\$0.0001
18.A.116	NNG Ventura Swing Swap Future	\$0.0010	\$0.0001
18.A.117	NWP Rockies Swing Swap Future	\$0.0010	\$0.0001
18.A.118	NWP Sumas Swing Swap Future	\$0.0010	\$0.0001
18.A.119	ONEOK Gas Swing Swap Future	\$0.0010	\$0.0001
18.A.120	Panhandle Swing Swap Future	\$0.0010	\$0.0001
18.A.121	PG&E Citygate Swing Swap Future	\$0.0010	\$0.0001
18.A.122	Socal Border Swing Swap Future	\$0.0010	\$0.0001
18.A.123	Socal Citygate Swing Swap Future	\$0.0010	\$0.0001

18.A.124	Sonat Swing Swap Future	\$0.0010	\$0.0001
18.A.125	Southern Star TX OK KS Swing Swap Future	\$0.0010	\$0.0001
18.A.126	TCO Swing Swap Future	\$0.0010	\$0.0001
18.A.127	Tennessee-Zone 0 Swing Swap Future	\$0.0010	\$0.0001
18.A.128	TETCO M3 Swing Swap Future	\$0.0010	\$0.0001
18.A.129	TETCO STX Swing Swap Future	\$0.0010	\$0.0001
18.A.130	TGT Zone 1 Swing Swap Future	\$0.0010	\$0.0001
18.A.131	Transco Station 65 (Zone 3) Swing Swap Future	\$0.0010	\$0.0001
18.A.132	Transco Station 85 (Zone 4) Swing Swap Future	\$0.0010	\$0.0001
18.A.133	Transco Zone 6 (non NY) Swing Swap Future	\$0.0010	\$0.0001
18.A.134	Transco Zone 6 (NY) Swing Swap Future	\$0.0010	\$0.0001
18.A.135	Waha Swing Swap Future	\$0.0010	\$0.0001
18.A.136	AB NIT NGX Same Day 5a Fixed Price Swap Future	C\$0.0005	C\$0.0001
18.A.137	EP San Juan Fixed Price Swap Future	\$0.0001	\$0.0001
18.A.138	Henry Calendar Year One Time Fixed Price Swap Future	\$0.0010	\$0.0001
18.A.139	Henry LD1 Fixed Price Swap Future	\$0.001	\$0.001
18.A.140	Henry LD1 Same Day Fixed Price Swap Future	\$0.0010	\$0.0001
18.A.141	Henry LD4 Fixed Price Swap Future	\$0.0010	\$0.0001
18.A.142	Henry Penultimate Fixed Price Swap Future	\$0.0010	\$0.0001
18.A.143	Panhandle Fixed Price Swap Future	\$0.0001	\$0.0001
18.A.144	Socal Fixed Price Swap Future	\$0.0001	\$0.0001
18.A.145	Henry Penultimate 1-Month Calendar Spread Swap Future	\$0.0001	\$0.0001
18.A.146	Henry Penultimate 3-Month Calendar Spread Future	\$0.0001	\$0.0001
18.A.147	Henry Penultimate 6-Month Calendar Spread Future	\$0.0001	\$0.0001

18.E.001	Option on EP San Juan Fixed Price Swap Future	\$0.0001	\$0.0001
18.E.002	Option on Henry LD1 Same Day Fixed Price Swap Future	\$0.0001	\$0.0001
18.E.003	Option on Henry LD4 Fixed Price Swap Future	\$0.0001	\$0.0001
18.E.004	Option on Henry Penultimate Fixed Price Swap Future	\$0.0001	\$0.0001
18.E.005	Option on Henry Swing Swap Future	\$0.0001	\$0.0001
18.E.006	Option on Panhandle Fixed Price Swap Future	\$0.0001	\$0.0001
18.E.007	Option on Socal Fixed Price Swap Future	\$0.0001	\$0.0001
18.E.008	Calendar Spread Option on Henry Penultimate 1-Month Calendar Spread Swap Future	\$0.0001	\$0.0001
18.E.009	Calendar Spread Option on Henry Penultimate 3-Month Calendar Spread Swap Future	\$0.0001	\$0.0001
18.E.010	Calendar Spread Option on Henry Penultimate 6-Month Calendar Spread Swap Future	\$0.0001	\$0.0001
18.E.011	Calendar Year One Time Option on Henry Calendar Year One Time Fixed Price Swap Future	\$0.0001	\$0.0001
18.B.001	CAISO NP-15 Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.002	CAISO SP-15 Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.003	CAISO SP-15 Day-Ahead Peak Mini Fixed Price Swap Future	\$0.05	\$0.01
18.B.004	ERCOT Houston 345KV Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.005	ERCOT Houston Load Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.006	ERCOT Houston Load Zone Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 188 007	ERCOT North 345KV Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01

18.B.007008	ERCOT North 345KV Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.008009	ERCOT North Load Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.009010	ERCOT North Load Zone Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.010011	ERCOT South 345KV Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.011012	ERCOT South Load Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.012013	ERCOT South Load Zone Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.013014	ERCOT West 345KV Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.014015	ERCOT West Load Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.015016	ERCOT West Load Zone Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.016017	ISO New England Connecticut Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.017018	ISO New England Maine Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.018019	ISO New England Massachusetts Hub Day-Ahead Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.01
18.B.019020	ISO New England Massachusetts Hub Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.020021	ISO New England Massachusetts Hub Day-Ahead Peak Mini Fixed Price Swap Future	\$0.05	\$0.01
18.B.021022	ISO New England NE Massachusetts Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.022023	ISO New England New Hampshire Day-Ahead Peak	\$0.05	\$0.01

Fixed Price Swap Future

18.B. 023 024	ISO New England SE Massachusetts Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.024025	ISO New England West Central Massachusetts Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.025026	Mid-Columbia Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.026027	Mid-Columbia Day-Ahead Peak Mini Fixed Price Swap Future	\$0.05	\$0.01
18.B.027028	MISO Illinois Hub Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.028029	MISO Indiana Hub Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.029030	MISO Indiana Hub Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.030031	MISO Indiana Hub Real-Time Peak Mini Fixed Price Swap Future	\$0.05	\$0.01
18.B.031032	NYISO Zone A Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.032033	NYISO Zone C Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.033034	NYISO Zone F Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.034035	NYISO Zone G Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.035036	NYISO Zone J Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.036037	Palo Verde Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.037038	PJM AECO Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.038039	PJM AEP Dayton Hub Day-Ahead Peak Fixed Price	\$0.05	\$0.01

	Swap Future		
18.B. 189 <u>040</u>	PJM AEP Dayton Hub Real-Time Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.01
18.B. 039 <u>041</u>	PJM AEP Dayton Hub Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 040 <u>042</u>	PJM APS Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 041 <u>043</u>	PJM BGE Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 042 <u>044</u>	PJM ComEd Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 043 <u>045</u>	PJM DPL Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 044 <u>046</u>	PJM Duquesne Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 045 <u>047</u>	PJM Eastern Hub Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 046 <u>048</u>	PJM JCPL Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 047 <u>049</u>	PJM METED Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 048 <u>050</u>	PJM NI Hub Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 049 <u>051</u>	PJM NI Hub Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 050 <u>052</u>	PJM PECO Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 051 <u>053</u>	PJM PENELEC Zone Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 052 <u>054</u>	PJM PEPCO Zone Day-Ahead Peak Month Fixed Price Swap Future	\$0.05	\$0.01
18.B. 053 <u>055</u>	PJM PPL Zone Day-Ahead Peak Fixed Price Swap	\$0.05	\$0.01

	Future		
18.B.054056	PJM PSEG Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.055057	PJM Western Hub Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.056058	PJM Western Hub Real-Time Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.01
18.B.057059	PJM Western Hub Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.058060	PJM Western Hub Real-Time Peak Mini Fixed Price Swap Future	\$0.05	\$0.01
18.B.059061	PJM Western Hub Real-Time Peak Planning Year One Time Fixed Price Swap Future	\$0.05	\$0.01
18.B.060062	CAISO NP-15 Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.061063	CAISO SP-15 Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.190064	ERCOT Houston 345KV Day-Ahead Off-Peak Fixed Price Fixed Price-Swap Future	\$0.05	\$0.01
18.B.062065	ERCOT Houston 345KV Real-Time Off-Peak Fixed Price Fixed Price-Swap Future	\$0.05	\$0.01
18.B.063066	ERCOT Houston Load Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.064067	ERCOT Houston Load Zone Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.065068	ERCOT North 345KV Real-Time Off-Peak Fixed Price Fixed Price-Swap Future	\$0.05	\$0.01
18.B.066069	ERCOT North Load Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.067070	ERCOT North Load Zone Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B.068071	ERCOT South 345KV Real-Time Off-Peak Fixed	\$0.05	\$0.01

	Price Fixed-Price-Swap Future		
18.B. 069 <u>072</u>	ERCOT South Load Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 070 <u>073</u>	ERCOT South Load Zone Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 071 <u>074</u>	ERCOT West 345KV Real-Time Off-Peak Fixed Price Fixed-Price-Swap Future	\$0.05	\$0.01
18.B. 072 <u>075</u>	ERCOT West Load Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 073 <u>076</u>	ERCOT West Load Zone Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 074 <u>077</u>	ISO New England Connecticut Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 075 <u>078</u>	ISO New England Maine Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 076 <u>079</u>	ISO New England Massachusetts Hub Day-Ahead Off-Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.01
18.B. 077 <u>080</u>	ISO New England Massachusetts Hub Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 078 <u>081</u>	ISO New England Massachusetts Hub Day-Ahead Off-Peak Mini Fixed Price Swap Future	\$0.05	\$0.01
18.B. 079 <u>082</u>	ISO New England NE Massachusetts Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 080 <u>083</u>	ISO New England New Hampshire Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 081 <u>084</u>	ISO New England SE Massachusetts Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 082 <u>085</u>	ISO New England West Central Massachusetts Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 083 <u>086</u>	Mid-Columbia Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01

18.B. 084 <u>087</u>	MISO Illinois Hub Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 085 <u>088</u>	MISO Indiana Hub Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 086 <u>089</u>	MISO Indiana Hub Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 087 <u>090</u>	NYISO Zone A Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 088 <u>091</u>	NYISO Zone C Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 089 <u>092</u>	NYISO Zone F Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 090 <u>093</u>	NYISO Zone G Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 091 <u>094</u>	NYISO Zone J Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 092 <u>095</u>	Palo Verde Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 093 <u>096</u>	PJM AECO Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 094 <u>097</u>	PJM AEP Dayton Hub Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 194 <u>098</u>	PJM AEP Dayton Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.01
18.B. 095 <u>099</u>	PJM AEP Dayton Hub Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 096 <u>100</u>	PJM APS Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 097 <u>101</u>	PJM BGE Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 098 <u>102</u>	PJM ComEd Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01

18.B. 099 <u>103</u>	PJM DPL Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 100 <u>104</u>	PJM Duquesne Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 101 <u>105</u>	PJM Eastern Hub Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 102 <u>106</u>	PJM JCPL Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 103 <u>107</u>	PJM METED Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 104 <u>108</u>	PJM NI Hub Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 105 <u>109</u>	PJM NI Hub Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 106 <u>110</u>	PJM PECO Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 107 <u>111</u>	PJM PENELEC Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 108 <u>112</u>	PJM PEPCO Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 109 <u>113</u>	PJM PPL Zone Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 110 <u>114</u>	PJM PSEG Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 111 <u>115</u>	PJM Western Hub Day-Ahead Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 112 <u>116</u>	PJM Western Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.01
18.B. 113 <u>117</u>	PJM Western Hub Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.01
18.B. 114 <u>118</u>	PJM Western Hub Real-Time Off-Peak Mini Fixed Price Swap Future	\$0.05	\$0.01

18.B. 115 <u>119</u>	CAISO NP-15 Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 116 <u>120</u>	CAISO NP-15 Real-Time Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 117 <u>121</u>	CAISO Palo Verde Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 118 <u>122</u>	CAISO SP-15 Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 119 <u>123</u>	CAISO SP-15 Real-Time Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 120 <u>124</u>	ERCOT Houston 345-KV Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 121 <u>125</u>	ERCOT Houston 345KV Real-Time Peak Daily Fixed Price Fixed Price -Swap Future	\$0.05	\$0.01
18.B. 122 <u>126</u>	ERCOT Houston Load Zone Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 123 <u>127</u>	ERCOT North 345-KV Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 124 <u>128</u>	ERCOT North 345-KV Hub Real-Time Peak Daily Look Back Fixed Price Swap Future	\$0.05	\$0.01
18.B. 125 <u>129</u>	ERCOT North 345KV Real-Time Peak Daily Fixed Price Fixed Price -Swap Future	\$0.05	\$0.01
18.B. 126 <u>130</u>	ERCOT North Load Zone Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 127 <u>131</u>	ERCOT South 345-KV Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 128 <u>132</u>	ERCOT South 345KV Real-Time Peak Daily Fixed Price Fixed Price -Swap Future	\$0.05	\$0.01
18.B. 129 <u>133</u>	ERCOT South Load Zone Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 130 <u>134</u>	ERCOT West 345-KV Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01

18.B. 131 <u>135</u>	ERCOT West 345KV Real-Time Peak Daily Fixed Price Fixed Price Swap Future	\$0.05	\$0.01
18.B. 132 <u>136</u>	ERCOT West Load Zone Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 133 <u>137</u>	ISO New England Massachusetts Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 134 <u>138</u>	Mid-Columbia Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 135 <u>139</u>	MISO Indiana Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 136 <u>140</u>	MISO Indiana Hub Real-Time Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 137 <u>141</u>	MISO Indiana Hub Real-Time Peak Daily Look Back Fixed Price Swap Future	\$0.05	\$0.01
18.B. 138 <u>142</u>	NYISO Zone A Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 139 <u>143</u>	NYISO Zone G Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 140 <u>144</u>	NYISO Zone J Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 141 <u>145</u>	Palo Verde Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 142 <u>146</u>	PJM AEP Dayton Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 143 <u>147</u>	PJM AEP Dayton Hub Real-Time Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 144 <u>148</u>	PJM AEP Dayton Hub Real-Time Peak Daily Look Back Fixed Price Swap Future	\$0.05	\$0.01
18.B. 145 <u>149</u>	PJM Eastern Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 146 <u>150</u>	PJM JCPL Zone Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01

18.B. 147 <u>151</u>	PJM NI Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 148 <u>152</u>	PJM NI Hub Real-Time Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 149 <u>153</u>	PJM PEPCO Zone Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 150 <u>154</u>	PJM PSEG Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 151 <u>155</u>	PJM Western Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 152 <u>156</u>	PJM Western Hub Real-Time Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 153 <u>157</u>	PJM Western Hub Real-Time Peak Daily Look Back Fixed Price Swap Future	\$0.05	\$0.01
18.B. 154 <u>158</u>	CAISO NP-15 Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 155 <u>159</u>	CAISO NP-15 Real-Time Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 156 <u>160</u>	CAISO SP-15 Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 157 <u>161</u>	CAISO SP-15 Real-Time Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 158 <u>162</u>	ERCOT Houston 345-KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 159 <u>163</u>	ERCOT Houston 345KV Real-Time Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 160 <u>164</u>	ERCOT Houston Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 161 <u>165</u>	ERCOT North 345-KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 162 <u>166</u>	ERCOT North 345KV Real-Time Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01

18.B. 163 <u>167</u>	ERCOT North Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 164 <u>168</u>	ERCOT South 345-KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 165 <u>169</u>	ERCOT South 345KV Real-Time Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 166 <u>170</u>	ERCOT South Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 167 <u>171</u>	ERCOT West 345-KV Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 168 <u>172</u>	ERCOT West 345KV Real-Time Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 169 <u>173</u>	ERCOT West Load Zone Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 170 <u>174</u>	ISO New England Massachusetts Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 171 <u>175</u>	Mid-Columbia Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 172 <u>176</u>	MISO Indiana Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 173 <u>177</u>	MISO Indiana Hub Real-Time Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 174 <u>178</u>	NYISO Zone A Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 175 <u>179</u>	NYISO Zone G Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 176 <u>180</u>	NYISO Zone J Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 177 <u>181</u>	Palo Verde Day-Ahead Off-Peak Daily Swap Future	\$0.05	\$0.01
18.B. 178 <u>182</u>	PJM AEP Dayton Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 179 <u>183</u>	PJM AEP Dayton Hub Real-Time Off-Peak Daily	\$0.05	\$0.01

	Fixed Price Swap Future		
18.B. 180 184	PJM Eastern Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 181 185	PJM JCPL Zone Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 182 186	PJM NI Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 183 187	PJM NI Hub Real-Time Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 184 188	PJM PEPCO Zone Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 185 189	PJM PSEG Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 186 190	PJM Western Hub Day-Ahead Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.B. 187 191	PJM Western Hub Real-Time Off-Peak Daily Fixed Price Swap Future	\$0.05	\$0.01
18.E.017	Option on CAISO SP-15 Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.05
18.E.018	Option on CAISO SP-15 Day-Ahead Peak Mini Fixed Price Swap Future	\$0.05	\$0.05
18.E.019	Option on ERCOT North 345KV Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.05
18.E.020	Option on ISO New England Massachusetts Hub Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.05
18.E.021	Option on Mid-Columbia Day-Ahead Peak Fixed Price Swap Future	\$0.05	\$0.05
18.E.022	Option on Mid-Columbia Day-Ahead Peak Mini Fixed Price Swap Future	\$0.05	\$0.05
18.E.023	Option on MISO Indiana Hub Real-Time Peak Mini Fixed Price Swap Future	\$0.05	\$0.05
18.E.024	Option on MISO Indiana Hub Real-Time Peak Fixed	\$0.05	\$0.05

	Price Swap Future		
18.E.025	Option on PJM Western Hub Real-Time Peak Fixed Price Swap Future	\$0.05	\$0.05
18.E.026	Option on PJM Western Hub Real-Time Peak Mini Fixed Price Swap Future	\$0.05	\$0.05
18.E.027	Option on PJM Western Hub Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.05
18.E.028	Option on CAISO SP-15 Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.05
18.E.029	Option on ERCOT North 345-KV Hub Real-Time Peak Daily Look Back Fixed Price Swap Future	\$0.05	\$0.05
18.E.030	Option on ISO New England Massachusetts Hub Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.05
18.E.031	Option on Mid-Columbia Day-Ahead Peak Daily Fixed Price Swap Future	\$0.05	\$0.05
18.E.032	Option on MISO Indiana Hub Real-Time Peak Daily Look Back Fixed Price Swap Future	\$0.05	\$0.05
18.E.033	Option on PJM AEP Dayton Hub Real-Time Peak Daily Look Back Fixed Price Swap Future	\$0.05	\$0.05
18.E.034	Option on PJM Western Hub Real-Time Peak Daily Look Back Fixed Price Swap Future	\$0.05	\$0.05
18.E.035	Calendar One Time Option on ISO New England Massachusetts Hub Day-Ahead Off-Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.05
18.E.036	Calendar One Time Option on ISO New England Massachusetts Hub Day-Ahead Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.05
18.E.037	Calendar One Time Option on PJM Western Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.05
18.E.038	Calendar One Time Option on PJM Western Hub Real-Time Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.05

18.E.039	Planning Year One Time Option on PJM Western Hub Real-Time Peak Planning Year One Time Fixed Price Swap Future	\$0.05	\$0.05
<u>18.E.049</u>	<u>Option on PJM AEP Dayton Hub Real-Time Peak Fixed Price Swap Future</u>	<u>\$0.05</u>	<u>\$0.05</u>
18.E.050	Option on PJM AEP Dayton Hub Real-Time Off-Peak Fixed Price Swap Future	\$0.05	\$0.05
18.E.051	Calendar One Time Option on PJM AEP Dayton Hub Real-Time Off-Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.05
18.E.052	Calendar One Time Option on PJM AEP Dayton Hub Real-Time Peak Calendar Year One Time Fixed Price Swap Future	\$0.05	\$0.05
18.D.001	California Carbon Allowance Futures	\$0.01	\$0.01
18.D.002	Carbon Financial Instrument, United States, Futures	\$0.01	\$0.01
18.D.003	Climate Action Reserve Futures	\$0.01	\$0.01
18.D.004	Connecticut Compliance Renewable Energy Certificates Class 1 Futures	\$0.01	\$0.01
18.D.005	Cross State Air Pollution Rule TR NOx Annual Allowance Futures	\$1.00	\$1.00
18.D.006	Cross State Air Pollution Rule TR NOx Ozone Season Allowance Futures	\$1.00	\$1.00
18.D.007	Cross State Air Pollution Rule TR SO2 Group 1 Allowance Futures	\$0.10	\$0.10
18.D.008	Cross State Air Pollution Rule TR SO2 Group 2 Allowance Futures	\$0.10	\$0.10
18.D.009	Massachusetts Compliance Renewable Energy Certificates Class 1 Futures	\$0.01	\$0.01
18.D.010	New Jersey Compliance Renewable Energy Certificates Class 1 Futures	\$0.01	\$0.01
18.D.011	Regional Greenhouse Gas Initiative Futures	\$0.01	\$0.01
18.D.012	Sulfur Financial Instrument Futures	\$0.10	\$0.10

18.E.040	Option on California Carbon Allowance Futures	\$0.01	\$0.01
18.E.041	Option on Carbon Financial Instrument, United States, Futures	\$0.01	\$0.01
18.E.042	Option on Climate Action Reserve Futures	\$0.01	\$0.01
18.E.043	Option On Cross State Air Pollution Rule TR NOx Annual Allowance Futures	\$0.01	\$0.01
18.E.044	Option on Cross State Air Pollution Rule TR NOx Ozone Season Allowance Futures	\$0.01	\$0.01
18.E.045	Option on Cross State Air Pollution Rule TR SO2 Group 1 Allowance Futures	\$0.10	\$0.10
18.E.046	Option on Cross State Air Pollution Rule TR SO2 Group 2 Allowance Futures	\$0.10	\$0.10
18.E.047	Option on Regional Greenhouse Gas Initiative Futures	\$0.01	\$0.01
18.E.048	Option on Sulfur Financial Instrument Futures	\$0.01	\$0.01

Resolution No. 3 Table of No Cancellation Ranges

The following no cancellation ranges shall be applicable to Energy Contracts under the Exchange's Error Policy set forth in Appendix I to Chapter 27 of the Rules.

Natural Gas	Day	Spread	Month	Spread	Season	Spread	Calendar	Spread
Henry Hub	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Basis	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Swing and Index	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Henry Hub Options	20% of Premium FMV up to 0.05				Min/Max Range =		0.01/0.05	
Power	BalDay/ NextDay/ BalWeek	Spread	Weekly & Balmo	Spread	Month & Season	Spread	Quarter & Calendar	Spread
All contracts	5.00	5.00	2.00	2.00	1.00	1.00	0.60	0.60
Heat Rate	-	-	Month	-	Quarters	-	Calendar	-
All contracts			0.30		0.30		0.30	
Natural Gas Liquids		-	Month	Spread	Quarters	Spread	Calendar	Spread
North American NGLs			0.0100	0.0025	0.0050	0.0025	0.0025	0.0025
International LPGs			5.00	1.25	2.50	1.25	1.25	1.25
Environmental	-	-	Month	-	-	-	-	-
RGGI			0.10					
CAR-CRT, CFI-US & REC-NJ			0.25					
CCA & SFI			0.50					
CT & MA REC			1.00					
CSAPR-SO2 & NOX			10.00					