

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
U.S. Midwest Domestic Hot-Rolled Coil Steel (CRU) Index Futures	HR	HRC	-	HR	COMEX	Metals	Ferrous	-	-	Futures	596	25,237
Micro WTI Crude Oil Futures	MCL	MCL	-	MCL	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	55,192	25,155
Gulf Coast CBOB Gasoline A2 (Platts) vs. RBOB Gasoline Futures	CRB	CRB	-	CRB	NYMEX	Energy	Refined Products	North American	Spreads	Futures	1,050	25,100
Palladium Futures	PA	PA	-	PA	NYMEX	Metals	Precious	-	-	Futures	5,962	19,887
Gulf Coast Jet (Platts) Up-Down Futures	ME	ME	-	ME	NYMEX	Energy	Refined Products	North American	Spreads	Futures	425	18,242
Mars (Argus) vs. WTI Trade Month Futures	YV	AYV	-	YV	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	1,810	16,967
1-Ounce Gold Futures	1OZ	1OZ	-	1OZ	COMEX	Metals	Precious	-	-	Futures	47,023	15,226
Micro Silver Futures	SIL	SIL	-	SIL	COMEX	Metals	Precious	-	-	Futures	39,900	15,108
Copper Financial Futures	HGS	HGS	-	HGS	COMEX	Metals	Base	-	-	Futures	19	15,046
Cobalt Metal (Fastmarkets) Futures	COB	COB	-	COB	COMEX	Metals	Battery Metals	-	-	Futures	120	14,782
WTI Houston (Argus) vs. WTI Trade Month BALMO Futures	HTB	HTB	-	HTB	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	4,470	14,221
Gulf Coast HSFO (Platts) Crack Spread Futures	MG	MGH	-	MG	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	1,305	13,553
North European Hot-Rolled Coil Steel (Argus) Futures	EHR	EHR	-	EHR	COMEX	Metals	Ferrous	-	-	Futures	0	11,068
NY Harbor ULSD Financial Futures	MP	MPX	-	MP	NYMEX	Energy	Refined Products	North American	Outrights	Futures	135	10,979
RBOB Gasoline Crack Spread Futures	RM	ARE	-	RM	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	10,839
Micro Copper Futures	MHG	MHG	-	MHG	COMEX	Metals	Base	-	-	Futures	9,121	10,625
NY Harbor ULSD Crack Spread Futures	HK	AHL	-	HK	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	10,557
Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread Futures	7K	T7K	-	7K	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	150	10,376
Micro Henry Hub Natural Gas Futures	MNG	MNG	-	MNG	NYMEX	Energy	Natural Gas	North American	Outrights	Futures	18,077	9,546
PGP Polymer Grade Propylene (PCW) Financial Futures	PGP	PGG	-	PGP	NYMEX	Energy	Petrochemicals	Olefin	Financial	Futures	40	8,756
Group Three ULSD (Platts) vs. NY Harbor ULSD Futures	A6	AA6	-	A6	NYMEX	Energy	Refined Products	North American	Spreads	Futures	385	8,108
LNG Japan/Korea Marker (Platts) Futures	JKM	JKM	-	JKM	NYMEX	Energy	Natural Gas	-	Outrights	Futures	0	6,780
Argus LLS vs. WTI (Argus) Trade Month Futures	E5	AE5	-	E5	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	6,680
Group Three Sub-octane Gasoline (Platts) vs. RBOB Futures	A8	AA8	-	A8	NYMEX	Energy	Refined Products	North American	Spreads	Futures	75	6,320
Brent Financial Futures	CY	CY	-	CY	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	5,372
Argus Propane Far East Index Futures	7E	A7E	-	7E	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	86	5,172
E-mini Natural Gas Futures	QG	QG	-	QG	NYMEX	Energy	Natural Gas	-	-	Futures	3,319	5,007
Ethanol T2 FOB Rdam Including Duty (Platts) Futures	Z1	AZ1	-	Z1	NYMEX	Energy	Biofuels	European	Outrights	Futures	0	4,908
Lithium Carbonate CIF CJK (Fastmarkets) Futures	LTC	LTC	-	LTC	COMEX	Metals	Battery Metals	-	-	Futures	50	4,725
RBOB Gasoline Financial Futures	RL	RLX	-	RL	NYMEX	Energy	Refined Products	North American	Outrights	Futures	224	4,438
Chicago No1 Busheling Ferrous Scrap (Fastmarkets) Futures	BCH	BCH	-	BCH	COMEX	Metals	Ferrous	-	-	Futures	62	3,652

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Mont Belvieu Ethylene (OPIS PCW) Futures	MBN	MBR	-	MBN	NYMEX	Energy	Petrochemicals	Olefin	Financial	Futures	0	3,583
WTL Midland (Argus) vs. WTI Trade Month Futures	WTL	WTL	-	WTL	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	3,500
Dutch TTF Natural Gas Calendar Month Futures	TTF	TTF	-	TTF	NYMEX	Energy	Natural Gas	European	Outrights	Futures	4,673	3,470
Gulf Coast ULSD (Platts) Up-Down BALMO Futures	1L	A1L	-	1L	NYMEX	Energy	Refined Products	North American	Spreads	Futures	2,650	3,175
Aluminium European Premium Duty-Unpaid (Metal Bulletin) Futures	AEP	AEP	-	AEP	COMEX	Metals	Base	-	-	Futures	0	3,144
Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	7H	B7H	-	7H	NYMEX	Energy	Refined Products	European	Outrights	Futures	96	3,130
WTI Midland (Argus) vs. WTI Financial Futures	FF	AFF	-	FF	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	2,994
Dutch TTF Natural Gas (USD/MMBtu) Futures	TFU	TFU	-	TFU	NYMEX	Energy	Natural Gas	European	-	Futures	0	2,880
Gulf Coast HSFO (Platts) Futures	MF	MFB	-	MF	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	2,853
E-mini Gold Futures	QO	QO	-	QO	COMEX	Metals	Precious	-	-	Futures	4,704	2,849
Mini Singapore FOB Marine Fuel 0.5% (Platts) Futures	S5M	S5M	-	S5M	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	73	2,662
Micro Gasoil 0.1% Barges FOB ARA (Platts) Futures	M1B	M1B	-	M1B	NYMEX	Energy	Refined Products	European	Outrights	Futures	54	2,317
Mini European Propane CIF ARA (Argus) Futures	MPS	MPS	-	MPS	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	30	2,275
Mont Belvieu Iso-Butane (OPIS) Futures	8I	A8I	-	8I	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	2,136
E-mini Crude Oil Futures	QM	QM	-	QM	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	3,747	2,121
European Propane CIF ARA (Argus) Futures	PS	APS	-	PS	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	22	1,683
Aluminum Futures	ALI	ALI	-	ALI	COMEX	Metals	Base	-	-	Futures	6,494	1,630
Japan Crude Cocktail (Detailed) Futures	JCC	JCC	-	JCC	NYMEX	Energy	Natural Gas	Asian	Outrights	Futures	0	1,608
Chicago ULSD (Platts) vs. NY Harbor ULSD Futures	5C	A5C	-	5C	NYMEX	Energy	Refined Products	North American	Spreads	Futures	90	1,545
Argus Propane (Saudi Aramco) Futures	9N	A9N	-	9N	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	37	1,486
European Naphtha (Platts) Crack Spread Futures	EN	EN	-	EN	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	1,250
EIA Flat Tax On-Highway Diesel Futures	A5	AA5	-	A5	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	1,226
Mini European FOB Rdam Marine Fuel 0.5% Barges (Platts) Futures	R5M	R5M	-	R5M	NYMEX	Energy	Refined Products	European	Outrights	Futures	5	1,226
Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB Gasoline Futures	RVG	RVR	-	RVG	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	1,148
Micro European FOB Rdam Marine Fuel 0.5% Barges (Platts) Futures	R5O	R5O	-	R5O	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	1,141

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CBL Nature-Based Global Emissions Offset Futures	NGO	NGO	-	NGO	NYMEX	Energy	Emissions	-	-	Futures	35	1,137
E-mini Silver Futures	QI	QI	-	QI	COMEX	Metals	Precious	-	-	Futures	827	1,134
Alumina FOB Australia (Platts) Futures	ALA	ALA	-	ALA	COMEX	Metals	Base	-	-	Futures	0	1,092
Gulf Coast ULSD (Platts) Futures	LY	ALY	-	LY	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	1,055
European Low Sulphur Gasoil (100mt) Bullet Futures	7F	7F	-	7F	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	1,015
LNG Freight US Gulf to Continent (BLNG2-174)	BG2	BG2	-	BG2	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	1,006
Mini European Naphtha CIF NWE (Platts) Futures	MNC	MNC	-	MNC	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	979
Micro Singapore FOB Marine Fuel 0.5% (Platts) Futures	S50	S50	-	S50	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	45	966
Gulf Coast Jet (Platts) Up-Down BALMO Futures	1M	A1M	-	1M	NYMEX	Energy	Refined Products	North American	Spreads	Futures	625	945
Aluminum Japan Premium (Platts) Futures	MJP	MJP	-	MJP	COMEX	Metals	Base	-	-	Futures	0	934
Bakken DAPL (EMDA) Monthly Futures	DAB	DAB	-	DAB	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	900
NY Buckeye Jet Fuel (Platts) vs. NY Harbor ULSD Futures	JET	JET	-	JET	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	900
Conway Normal Butane (OPIS) Futures	8M	A8M	-	8M	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	876
Low Sulphur Gasoil Mini Financial Futures	QA	AQA	-	QA	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	796
NY Harbor ULSD Brent Crack Spread Futures	HOB	HOB	-	HOB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	786
Los Angeles CARB Diesel (OPIS) vs. NY Harbor ULSD Futures	KL	AKL	-	KL	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	742
CBL Global Emissions Offset Futures	GEO	GEO	-	GEO	NYMEX	Energy	Emissions	-	-	Futures	0	733
Gulf Coast CBOB Gasoline A2 (Platts) vs. RBOB Gasoline BALMO Futures	BCR	BCR	-	BCR	NYMEX	Energy	Refined Products	North American	Spreads	Futures	650	725
European Naphtha Cargoes CIF NWE (Platts) Futures	UN	UN	-	UN	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	711
Mini Argus Propane Far East Index Futures	MAE	MAE	-	MAE	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	20	698
Los Angeles Jet (OPIS) vs. NY Harbor ULSD Futures	JS	AJS	-	JS	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	650
U.S. Midwest Busheling Ferrous Scrap (AMM) Futures	BUS	BUS	-	BUS	COMEX	Metals	Ferrous	-	-	Futures	0	584
Argus Propane Far East Index vs. European Propane CIF ARA (Argus) Futures	91	A91	-	91	NYMEX	Energy	Petrochemicals	Arb	Financial	Futures	11	583
NY Ethanol (Platts) Futures	EZ	AEZ	-	EZ	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	485
Mini Japan C&F Naphtha (Platts) Futures	MJN	MJN	-	MJN	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	20	467

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Group Three ULSD (Platts) vs. NY Harbor ULSD BALMO Futures	AB6	AB6	-	AB6	NYMEX	Energy	Refined Products	North American	Spreads	Futures	310	450
RBOB Gasoline Brent Crack Spread Futures	RBB	RBB	-	RBB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	441
Molybdenum Oxide (Platts) Futures	MOX	MOX	-	MOX	COMEX	Metals	Battery Metals	-	-	Futures	0	435
Japan C&F Naphtha (Platts) Futures	JA	JA	-	JA	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	19	429
WTI BALMO Futures	42	A42	-	42	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	50	410
E-mini Copper Futures	QC	QC	-	QC	COMEX	Metals	Base	-	-	Futures	107	404
Singapore Mogas 92 Unleaded (Platts) Brent Crack Spread Futures	1NB	D1N	-	1NB	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	400
Methanol CFR China Specific Origin (ICIS) Futures	CMS	CMS	-	CMS	NYMEX	Energy	Petrochemicals	-	-	Futures	0	400
Singapore Gasoil (Platts) Futures	SG	SGB	-	SG	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	398
Dutch TTF Natural Gas (Early Expiry) Financial Calendar Month Futures	TTP	TTP	-	TTP	NYMEX	Energy	Natural Gas	European	Outrights	Futures	0	396
Mini Argus Propane (Saudi Aramco) Futures	MAS	MAS	-	MAS	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	0	385
Cobalt Hydroxide CIF China (Fastmarkets) Futures	COH	COH	-	COH	COMEX	Metals	Battery Metals	-	-	Futures	0	380
RBOB Gasoline vs. NY Harbor ULSD Futures	RH	ARY	-	RH	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	375
Conway Natural Gasoline (OPIS) Futures	8L	A8L	-	8L	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	370
Coal (API2) CIF ARA (ARGUS-McCloskey) Futures	MTF	MTF	-	MTF	NYMEX	Energy	Coal	-	-	Futures	5	337
Singapore FOB Marine Fuel 0.5% (Platts) Futures	S5F	S5F	-	S5F	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	2	333
Low Sulphur Gasoil (10 mt) Financial Futures	MQA	MQA	-	MQA	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	325
UxC Uranium U3O8 Futures	UX	UX	-	UX	COMEX	Metals	Other	-	-	Futures	0	310
WTI Ex-Pipe (Argus) vs. WTI Trade Month Futures	XTT	XTT	-	XTT	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	300
RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) (350,000 gallons) Futures	EXR	EXR	-	EXR	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	30	295
NY ULSD (Argus) vs. NY Harbor ULSD Futures	7Y	A7Y	-	7Y	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	280
UHC Clearbrook (EMDA) Monthly Futures	UHC	UHC	-	UHC	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	270
Shanghai Gold (USD) Futures	SGU	SGU	-	SGU	COMEX	Metals	Precious	-	-	Futures	48	265
Methanol T2 FOB Rdam (ICIS) Futures	MT2	MT2	-	MT2	NYMEX	Energy	Biofuels	European	Outrights	Futures	0	260
European Propane CIF ARA (Argus) vs. Naphtha Cargoes CIF NWE (Platts) Futures	EPN	EPN	-	EPN	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	11	226
WTI Midland (Argus) vs. WTI Trade Month BALMO Futures	WTB	WTB	-	WTB	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	224

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Argus Propane Far East Index vs. Japan C&F Naphtha (Platts) Futures	3NA	3NA	-	3NA	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	3	205
Singapore Fuel Oil 380 cst (Platts) Futures	SE	SE	-	SE	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	190
Mont Belvieu Normal Butane (OPIS) BALMO Futures	8J	A8J	-	8J	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	25	185
U.S. Midwest Domestic Steel Premium (CRU) Futures	HDG	HDG	-	HDG	COMEX	Metals	Ferrous	-	-	Futures	0	180
Mini Dated Brent (Platts) Financial Futures	MDB	MDB	-	MDB	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	160
European Union Allowance (EUA) Futures	ECF	ECF	-	ECF	NYMEX	Energy	Emissions	-	EU ETS	Futures	3,800	157
Mont Belvieu Natural Gasoline (OPIS) BALMO Futures	R0	AR0	-	R0	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	145
NY Harbor ULSD Bullet Futures	BH	ABH	-	BH	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	143
Mini Singapore Fuel Oil 380 cst (Platts) Futures	MTS	MTS	-	MTS	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	142
Japan C&F Naphtha (Platts) Brent Crack Spread Futures	JB	AJB	-	JB	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	140
Mini Singapore Gasoil (Platts) Futures	MSG	MSG	-	MSG	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	124
Argus WTI Diff vs. CMA NYMEX Trade Month Futures	ANT	ANT	-	ANT	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	110
Mini RBOB Gasoline vs. Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	MXB	MXB	-	MXB	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	105
Freight Route Middle East to China (TD3C) (Baltic) Futures	TL	TL	-	TL	NYMEX	Energy	Freight	Wet	-	Futures	0	100
Group Three Sub-octane Gasoline (Platts) vs. RBOB Gasoline BALMO Futures	A8B	A8B	-	A8B	NYMEX	Energy	Refined Products	North American	Spreads	Futures	100	100
East-West Naphtha: Japan C&F vs. Cargoes CIF NWE Spread (Platts) Futures	EWN	EWN	-	EWN	NYMEX	Energy	Refined Products	Arb	Spreads	Futures	0	95
Mini Brent Financial Futures	MBC	MBC	-	MBC	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	90
Micro Singapore Fuel Oil 380CST (Platts) Futures	MAF	MAF	-	MAF	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	82
RBOB Gasoline Bullet Futures	RT	RT	-	RT	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	78
Mini Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	MEO	MEO	-	MEO	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	76
Mont Belvieu LDH Propane (OPIS) BALMO Futures	8O	A8O	-	8O	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	20	70
Mont Belvieu LDH Propane (OPIS) vs. Argus Propane Far East Index Futures	PMF	PMF	-	PMF	NYMEX	Energy	Petrochemicals	Arb	Financial	Futures	0	60
Gulf Coast Jet Fuel (Platts) Futures	GE	AGE	-	GE	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	50
NY Buckeye Jet Fuel (Platts) vs. NY Harbor ULSD BALMO Futures	JTB	JTB	-	JTB	NYMEX	Energy	Refined Products	North American	Spreads	Futures	50	50
Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures	NOB	NOO	-	NOB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	45

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Argus Propane Far East Index BALMO Futures	22	22	-	22	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	18	41
European FOB Rdam Marine Fuel 0.5% Barges (Platts) Futures	R5F	R5F	-	R5F	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	39
Denatured Fuel Ethanol Futures	EL	EL	-	EL	NYMEX	Energy	Biofuels	North American	Outrights	Futures	5	37
Gulf Coast HSFO (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	GCU	GCU	-	GCU	NYMEX	Energy	Refined Products	Arb	Spreads	Futures	0	30
European Low Sulphur Gasoil Financial Futures	GX	AGX	-	GX	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	23
Conway Propane (OPIS) BALMO Futures	CPB	CPB	-	CPB	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	20	20
Methanol FOB Houston (Argus) Futures	MTH	MTH	-	MTH	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	20
EIA Flat Tax U.S. Retail Gasoline Futures	JE	JE	-	JE	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	20
D4 Biodiesel RINs (OPIS) Futures	RN4	RN4	-	RN4	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	20
Singapore FOB Marine Fuel 0.5% (Platts) vs. European FOB Rdam Marine Fuel 0.5% Barges (Platts) Futures	SR5	SR5	-	SR5	NYMEX	Energy	Refined Products	Arb	Spreads	Futures	0	20
D6 Ethanol RINs (OPIS) Futures	RN6	RN6	-	RN6	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	16
Argus Gasoline Eurobob Oxy Barges NWE Crack Spread (1000mt) Futures	EOB	EOB	-	EOB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	15
Mont Belvieu LDH Propane (OPIS) vs. European Propane CIF ARA (Argus) Futures	51	51	-	51	NYMEX	Energy	Petrochemicals	Arb	Financial	Futures	0	15
European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	UV	UV	-	UV	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	13
Crude Oil Last Day Financial Futures	26	26	-	26	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	13	13
HMS 80/20 Ferrous Scrap, CFR Turkey (Platts TSI) Futures	FSF	FSF	-	FSF	COMEX	Metals	Ferrous	-	-	Futures	0	12
Mini European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	0D	A0D	-	0D	NYMEX	Energy	Refined Products	European	Outrights	Futures	5	10
European Naphtha (Platts) Crack Spread BALMO Futures	43	A43	-	43	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	6
CBL Australian Carbon Credit Unit (ACCU) Futures	ACU	ACU	-	ACU	NYMEX	Energy	Emissions	-	-	Futures	0	5
E-mini NY Harbor ULSD Futures	QH	QH	-	QH	NYMEX	Energy	Refined Products	-	-	Futures	1	3
E-mini RBOB Gasoline Futures	QU	QU	-	QU	NYMEX	Energy	Refined Products	-	-	Futures	1	2
European Propane CIF ARA (Argus) BALMO Futures	32	A32	-	32	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	0	2
Micro RBOB Gasoline Futures	MRB	MRB	-	MRB	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	2
Jet Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	JC	HJC	-	JC	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	2
Micro NY Harbor ULSD Futures	MHO	MHO	-	MHO	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	1
Crude Oil TAS Futures	CLT	CLT	-	CLT	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Coffee Futures	KT	KT	-	KT	NYMEX	Agriculture	Lumber and Softs	-	-	Futures	0	0
No. 11 Sugar Futures	YO	YO	-	YO	NYMEX	Agriculture	Lumber and Softs	-	-	Futures	0	0
ERCOT South 345 kV Hub Day-Ahead 5 MW Peak Futures	EUE	YUE	-	EUE	NYMEX	Energy	Electricity	ERCOT	Monthly Peak	Futures	0	0
Ontario Real-Time Peak Calendar-Month Futures	OPM	OMM	-	OPM	NYMEX	Energy	Electricity	Canadian	Monthly Peak	Futures	0	0
1% Fuel Oil Barges FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	EBF	EBE	-	EBF	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Crude Oil Bullet Futures	WS	WS	-	WS	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
ERCOT West 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	EWf	YWF	-	EWf	NYMEX	Energy	Electricity	ERCOT	Daily Off-Peak	Futures	0	0
RBOB Gasoline Last Day Financial Futures	27	27	-	27	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
Gasoil 0.1% Barges FOB ARA (Platts) vs. Low Sulphur Gasoil BALMO Futures	6V	A6V	-	6V	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Mont Belvieu Mini LDH Propane (OPIS) Futures	81	A81	-	81	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
Mont Belvieu Ethane (OPIS) BALMO Futures	8C	A8C	-	8C	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
Gasoil 0.1% Cargoes CIF MED (Platts) vs. Low Sulphur Gasoil BALMO Futures	8W	8W	-	8W	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	9X	E9X	-	9X	NYMEX	Energy	Electricity	Western Power	Monthly Peak	Futures	0	0
ULSD 10ppm Cargoes CIF NWE (Platts) BALMO Futures	B1	B1	-	B1	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
PJM Northern Illinois Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	B6	B6L	-	B6	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
ISO New England Mass Hub Day-Ahead Peak Calendar-Day 5 MW Futures	CE	COL	-	CE	NYMEX	Energy	Electricity	ISO-NE	Daily Peak	Futures	0	0
Brent Crude Oil vs. Dubai Crude Oil (Platts) Futures	DB	ADB	-	DB	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
Dubai Crude Oil (Platts) Financial Futures	DC	DCB	-	DC	NYMEX	Energy	Crude Oil	Asian	Outrights	Futures	0	0
Japan C&F Naphtha (Platts) BALMO Futures	E6	E6	-	E6	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
PJM Eastern Hub Peak Calendar-Month Day-Ahead LMP Futures	E9	AE9	-	E9	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
1% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread Futures	FI	AFI	-	FI	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Dated Brent (Platts) to Frontline Brent Futures	FY	AFY	-	FY	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
European Low Sulphur Gasoil Brent Crack Spread Futures	GZ	GZ	-	GZ	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Copper TAS Futures	HGT	HGT	-	HGT	COMEX	Metals	Base	-	-	Futures	0	0
ERCOT North 345 kV Hub 5 MW Off-Peak Futures	I6	AI6	-	I6	NYMEX	Energy	Electricity	ERCOT	Monthly Off-Peak	Futures	0	0
Jet Barges FOB Rdam (Platts) vs. Low Sulphur Gasoil Futures	JR	AJR	-	JR	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures	K2	K2L	-	K2	NYMEX	Energy	Electricity	MISO	Monthly Off-Peak	Futures	0	0
PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP 5 MW Futures	L6	AL6	-	L6	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
MISO Minnesota Hub Off-Peak Calendar-Month LMP 5 MW Futures	LJ	AJJ	-	LJ	NYMEX	Energy	Electricity	MISO	Monthly Off-Peak	Futures	0	0
Los Angeles CARBOB Gasoline (OPIS) Futures	MH	MH	-	MH	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
New York Harbor Residual Fuel 1.0% (Platts) Futures	MM	MM	-	MM	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
ISO New England North East Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	P7	AP7	-	P7	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Futures	0	0
ISO New England Maine Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	P9	AP9	-	P9	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Futures	0	0
NYISO Zone C 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	Q5	AQ5	-	Q5	NYMEX	Energy	Electricity	NYISO	Monthly Peak	Futures	0	0
PJM AEP Dayton Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	R7	R7L	-	R7	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	UF	AUF	-	UF	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	UH	AUH	-	UH	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
PJM AEP Dayton Hub Real-Time Peak Calendar-Day 5 MW Futures	VD	VDL	-	VD	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
NY 1% Fuel Oil (Platts) vs. Gulf Coast HSFO (Platts) Futures	VR	VR	-	VR	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
Gulf Coast HSFO (Platts) BALMO Futures	VZ	AVZ	-	VZ	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
PJM AECO Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	X1	AX1	-	X1	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
ISO New England Mass Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	U6	AU6	-	U6	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Futures	0	0
NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures	K3	K3L	-	K3	NYMEX	Energy	Electricity	NYISO	Monthly Peak	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
PJM Northern Illinois Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	B3	AB3	-	B3	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
Daily Mont Belvieu LDH Propane (OPIS) Futures	C3D	C3D	-	C3D	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
PJM METED Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	46	A46	-	46	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
PJM METED Zone Peak Calendar-Month Day-Ahead LMP Futures	47	A47	-	47	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
PJM PECO Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	4P	A4P	-	4P	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures	5L	5L	-	5L	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
ERCOT Houston 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	EHP	EAA	-	EHP	NYMEX	Energy	Electricity	ERCOT	Monthly Off-Peak	Futures	0	0
ERCOT North 345 kV Hub Day-Ahead 5 MW Peak Futures	ERE	EAC	-	ERE	NYMEX	Energy	Electricity	ERCOT	Monthly Peak	Futures	0	0
Daily European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	FCN	FCN	-	FCN	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Gulf Coast Unl 87 Gasoline M2 (Platts) Crack Spread Futures	GCC	GCC	-	GCC	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures	I7	AI7	-	I7	NYMEX	Energy	Electricity	ERCOT	Daily Peak	Futures	0	0
ERCOT West 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	R4	AR4	-	R4	NYMEX	Energy	Electricity	ERCOT	Daily Off-Peak	Futures	0	0
ISO New England Rhode Island Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	U4	AU4	-	U4	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Futures	0	0
Argus WTI Trade Month Futures	V7	V7	-	V7	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	0C	0C	-	0C	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Mini Singapore Fuel Oil 180 cst (Platts) Futures	0F	A0F	-	0F	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
NY Jet Fuel (Platts) Futures	1Q	A1Q	-	1Q	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Real-Time LMP Futures	2D	2D	-	2D	NYMEX	Energy	Electricity	Western Power	Monthly Off-Peak	Futures	0	0
CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Day-Ahead LMP Futures	2Z	2ZW	-	2Z	NYMEX	Energy	Electricity	Western Power	Daily Off-Peak	Futures	0	0
Mont Belvieu Physical Iso-Butane (OPIS) Futures	3L	3L	-	3L	NYMEX	Energy	Petrochemicals	NGL	Physical	Futures	0	0
CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	4X	4XW	-	4X	NYMEX	Energy	Electricity	Western Power	Monthly Peak	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	5X	DAX	-	5X	NYMEX	Energy	Electricity	Western Power	Monthly Off-Peak	Futures	0	0
Mini Gasoil 0.1% Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	MGF	MGF	-	MGF	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Mini European Jet Kero Barges FOB Rdam (Platts) vs. Low Sulphur Gasoil Futures	MJB	MJB	-	MJB	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	MJC	MJC	-	MJC	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Daily European Naphtha CIF NWE (Platts) Futures	NCP	NCP	-	NCP	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
NY 1% Fuel Oil (Platts) vs. Gulf Coast HSFO (Platts) BALMO Futures	NFG	NFG	-	NFG	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
ERCOT West 345 kV Hub 5 MW Off-Peak Futures	O1	AO1	-	O1	NYMEX	Energy	Electricity	ERCOT	Monthly Off-Peak	Futures	0	0
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Day Day-Ahead LMP Futures	9Z	DAZ	-	9Z	NYMEX	Energy	Electricity	Western Power	Daily Peak	Futures	0	0
Argus LLS Trade Month Futures	A4	AA4	-	A4	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Alberta Power Pool Calendar Day 1 MW Futures	AOD	OAD	-	AOD	NYMEX	Energy	Electricity	Canadian	Flats	Futures	0	0
Conway Natural Gasoline (OPIS) BALMO Futures	CGB	CGB	-	CGB	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
Conway Physical Propane In-Well (OPIS) Futures	CPP	CPP	-	CPP	NYMEX	Energy	Petrochemicals	NGL	Physical	Futures	0	0
Singapore Mogas 97 Unleaded (Platts) BALMO Futures	Y0	YNO	-	Y0	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Alberta Power Pool Off-Peak Calendar-Month Futures	APF	PHF	-	APF	NYMEX	Energy	Electricity	Canadian	Monthly Off-Peak	Futures	0	0
WTI Crude Oil Singapore Trade at Marker Futures	CLS	CLS	-	CLS	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Brent (Singapore Marker) Futures	IBS	IBS	-	IBS	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
NY Fuel Oil 1.0% (Platts) vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	NYF	NYF	-	NYF	NYMEX	Energy	Refined Products	Arb	Spreads	Futures	0	0
FAME 0 Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Low Sulphur Gasoil Futures	FBT	FBT	-	FBT	NYMEX	Energy	Biofuels	European	Spreads	Futures	0	0
HDPE High Density Polyethylene (PCW) BALMO Futures	HPD	HPD	-	HPD	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
East-West Gasoline Spread (Platts-Argus) Futures	EWG	EWG	-	EWG	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 5 MW Futures	IDO	IDL	-	IDO	NYMEX	Energy	Electricity	NYISO	Daily Off-Peak	Futures	0	0
PJM Northern Illinois Hub Day-Ahead Peak Calendar-Day 5 MW Futures	PNP	PNL	-	PNP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
Singapore Fuel Oil 380 cst (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	EVC	EVC	-	EVC	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread BALMO Futures	FCB	FCB	-	FCB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures	FOA	FOA	-	FOA	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Singapore Fuel Oil 180 cst (Platts) vs. 380 cst (Platts) BALMO Futures	MSD	MSD	-	MSD	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
Alberta Power Pool Off-Peak Calendar-Day Futures	ALF	LAF	-	ALF	NYMEX	Energy	Electricity	Canadian	Daily Off-Peak	Futures	0	0
PJM ATSI Zone 5 MW Off-Peak Calendar-Month Real-Time Futures	MOR	MOA	-	MOR	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
Mini 1% Fuel Oil Cargoes FOB MED (Platts) Futures	MFD	MFD	-	MFD	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
PJM Daily Load Forecast Futures	PDJ	PDJ	-	PDJ	NYMEX	Energy	Electricity	PJM	Flats	Futures	0	0
Mini Middle East HSFO 180 cst FOB Arab Gulf (Platts) Futures	MHE	MHE	-	MHE	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Mini Middle East HSFO 180 cst FOB Arab Gulf (Platts) BALMO Futures	MGS	MGS	-	MGS	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Mini-Argus Butane (Saudi Aramco) Futures	MAA	MAA	-	MAA	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	0	0
WTI Midland (Argus) Trade Month Futures	WTI	WTI	-	WTI	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Mini 3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread (100mt) Futures	MFR	MFR	-	MFR	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Mini 1% Fuel Oil Cargoes CIF NWE (Platts) Futures	MFP	MFP	-	MFP	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
WTI Houston (Argus) Trade Month Futures	HTA	HTA	-	HTA	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
CPC Blend CIF Med Cargoes (Platts) vs. Dated Brent (Platts) Futures	CPD	CPD	-	CPD	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0
ISO New England Connecticut Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NTP	NTP	-	NTP	NYMEX	Energy	Electricity	ISO-NE	Daily Peak	Futures	0	0
ISO New England Maine Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NMP	NMP	-	NMP	NYMEX	Energy	Electricity	ISO-NE	Daily Peak	Futures	0	0
ISO New England North East Massachusetts Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NNP	NNP	-	NNP	NYMEX	Energy	Electricity	ISO-NE	Daily Peak	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
ISO New England South East Massachusetts Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NSP	NSP	-	NSP	NYMEX	Energy	Electricity	ISO-NE	Daily Peak	Futures	0	0
PJM BGE Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PBO	PBO	-	PBO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM ComEd Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PCO	PCO	-	PCO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM Duquesne Zone Off-Peak Calendar- Day 5 MW Day-Ahead LMP Futures	PQO	PQO	-	PQO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM PENELEC Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	POC	POC	-	POC	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM PEPCO Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PXO	PXO	-	PXO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM ATSI Zone Off-Peak Calendar-Day 5 MW Real-Time LMP Futures	PRO	PRO	-	PRO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM APS Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PZP	PZP	-	PZP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM DPL Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PUP	PUP	-	PUP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM Duquesne Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PQP	PQP	-	PQP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM JCPL Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PPL	PPL	-	PPL	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM PEPCO Zone Peak Calendar-Day 5 MW Day-Ahead LMP 5 MW Futures	PXP	PXP	-	PXP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM PSEG Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PSP	PSP	-	PSP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
NYISO Zone E Off-Peak Calendar-Day 5 MW Day-Ahead LBMP Futures	NOD	NOD	-	NOD	NYMEX	Energy	Electricity	NYISO	Daily Off-Peak	Futures	0	0
MISO Minnesota Hub Off-Peak Calendar- Day 5 MW Real-Time LMP Futures	MMR	MMR	-	MMR	NYMEX	Energy	Electricity	MISO	Daily Off-Peak	Futures	0	0
MISO Michigan Hub Off-Peak Calendar- Day 5 MW Real-Time LMP Futures	MRT	MRT	-	MRT	NYMEX	Energy	Electricity	MISO	Daily Off-Peak	Futures	0	0
MISO Illinois Hub Peak Calendar-Day 5 MW Real-Time LMP Futures	MTI	MTI	-	MTI	NYMEX	Energy	Electricity	MISO	Daily Peak	Futures	0	0
Gasoline Euro-bob Oxy NWE Barges (Argus) vs European Naphtha CIF NWE (Platts) BALMO Futures	EGB	EGB	-	EGB	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
UK NBP Natural Gas Calendar Month Futures	UKG	UKG	-	UKG	NYMEX	Energy	Natural Gas	European	Outrights	Futures	0	0
UK NBP Natural Gas Daily Futures	NBD	NBD	-	NBD	NYMEX	Energy	Natural Gas	European	Outrights	Futures	0	0
Freight Route Skikda, Algeria to Japan (TC15) (Baltic) Futures	T5C	T5C	-	T5C	NYMEX	Energy	Freight	Wet	-	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
WCS Cushing (Argus) vs. WTI Trade Month Futures	WNT	WNT	-	WNT	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Freight Route Skikda, Algeria to Euromed (TC6) (Baltic) BALMO Futures	T6B	T6B	-	T6B	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Freight Route West Coast India to Japan (TC12) (Baltic) BALMO Futures	TB2	TB2	-	TB2	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Freight Route Kuwait to Singapore (TD8) (Baltic) BALMO Futures	T8B	T8B	-	T8B	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Mini Freight Route US Gulf to Continent (TC14) (Baltic) Daily Futures	T4D	T4D	-	T4D	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Argus Propane Far East Index vs. Japan C&F Naphtha (Platts) BALMO Futures	3NB	3NB	-	3NB	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
WTI Houston (Argus) vs. Dubai (Platts) Trade Month Futures	WHD	WHD	-	WHD	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
WTI Houston (Argus) vs. Brent Trade Month Futures	WHB	WHB	-	WHB	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
WTI Midland (Argus) vs. Brent Calendar Month Futures	WMR	WMR	-	WMR	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
Mars (Argus) vs. Brent Calendar Month Futures	MAB	MAB	-	MAB	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
Singapore Gasoline 92 Unleaded (Platts) vs Gasoline Eurobob Non-Oxy NWE Barges (Argus) Futures	SGF	SGF	-	SGF	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
LNG Japan/Korea Marker (Platts) Back Half Month Futures	JKB	JKB	-	JKB	NYMEX	Energy	Natural Gas	-	Outrights	Futures	0	0
USGC Marine Fuel 0.5% Barges (Platts) Futures	H5F	H5F	-	H5F	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
USGC to UK Continent (Platts) Dirty Freight Futures	USE	USE	-	USE	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
Mini European FOB Rdam Marine Fuel 0.5% Barges (Platts) BALMO Futures	RBM	RBM	-	RBM	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Freight Route US Gulf to China (TD22) (Baltic) Futures	ACB	ACB	-	ACB	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
WTL Midland (Argus) vs. WTI Calendar Month Futures	TIL	TIL	-	TIL	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
USGC Marine Fuel 0.5% Barges (Platts) (mt) BALMO Futures	UPB	UPB	-	UPB	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
USGC Marine Fuel 0.5% Barges (Platts) (mt) vs. European FOB Rdam Marine Fuel 0.5% Barges (Platts) BALMO Futures	BPU	BPU	-	BPU	NYMEX	Energy	Refined Products	Arb	Spreads	Futures	0	0
Cross North Sea Dirty Freight 80kt (Platts) BALMO Futures	XUB	XUB	-	XUB	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Freight Route Ceyhan to Lavera (TD19) (Baltic) Futures	TDM	TDM	-	TDM	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
European Butane CIF ARA (Argus) BALMO Futures	BEB	BEB	-	BEB	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	0	0
Mont Belvieu Normal Butane (OPIS) vs European Butane CIF ARA (Argus) Futures	TEF	TEF	-	TEF	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	0	0
Japanese Power (Day-Ahead) Tokyo Base-Load Futures	JBT	JBT	-	JBT	NYMEX	Energy	Electricity	-	-	Futures	0	0
Dutch TTF Natural Gas Financial Calendar Month Futures	TTG	TTG	-	TTG	NYMEX	Energy	Natural Gas	European	-	Futures	0	0
Dutch TTF Natural Gas Financial Day-Ahead/Weekend (ICIS Heren) Calendar Month Futures	TTI	TTI	-	TTI	NYMEX	Energy	Natural Gas	European	-	Futures	0	0
Container Freight (China/East Asia to US West Coast) (FBX01) (Baltic) Futures	CS1	CS1	-	CS1	NYMEX	Energy	Freight	-	Outrights	Futures	0	0
Container Freight (China/East Asia to US East Coast) (FBX03) (Baltic) Futures	CS3	CS3	-	CS3	NYMEX	Energy	Freight	-	Outrights	Futures	0	0
Container Freight (China/East Asia to North Europe) (FBX11) (Baltic) Futures	CS4	CS4	-	CS4	NYMEX	Energy	Freight	-	Outrights	Futures	0	0
Container Freight (China/East Asia to Mediterranean) (FBX13) (Baltic) Futures	CS6	CS6	-	CS6	NYMEX	Energy	Freight	-	Outrights	Futures	0	0
CBL Nature-Based Global Emissions Offset Trailing (N-GEO-TR) Futures	NOT	NOT	-	NOT	NYMEX	Energy	Emissions	-	-	Futures	0	0
Micro Crude Oil TAS	MCT	MCT	-	MCT	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Propylene CFR NE Asia (ICIS) Futures	NA3	NA3	-	NA3	NYMEX	Energy	Petrochemicals	Olefin	Financial	Futures	0	0
Guernsey Light Sweet (EMDA) Monthly Futures	GSW	GSW	-	GSW	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Gasoline Eurobob Non-Oxy NWE Barges (Argus) Crack Spread BALMO Futures	MCE	MCE	-	MCE	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
WTI Semi-Annual Financial Futures	HCS	HCS	-	HCS	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
WTI Annual Financial Futures	ACS	ACS	-	ACS	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Dutch TTF Natural Gas Financial Calendar Month TAS	TTS	TTS	-	TTS	NYMEX	Energy	Natural Gas	European	-	Futures	0	0
California Low Carbon Fuel Standard (OPIS) Futures	LCS	LCS	-	LCS	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	0
Southern Green Canyon (Argus) vs. WTI Trade Month BALMO Futures	SCB	SCB	-	SCB	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
HLS (Argus) vs. WTI Trade Month Futures	HLT	HLT	-	HLT	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
1-Ounce Gold TAS	1OT	1OT	-	1OT	COMEX	Metals	Precious	-	-	Futures	0	0
Micro Silver TAS	MST	MST	-	MST	COMEX	Metals	Precious	-	-	Futures	0	0

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Cocoa Futures	CJ	CJ	-	CJ	NYMEX	Agriculture	Lumber and Softs	-	-	Futures	0	0
RBOB TAS Futures	RBT	RBT	-	RBT	NYMEX	Energy	Refined Products	-	-	Futures	0	0
Brent Crude Oil TAS Futures	BBT	BBT	-	BBT	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
Natural Gas TAS Futures	NGT	NGT	-	NGT	NYMEX	Energy	Natural Gas	-	-	Futures	0	0
Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures	RJ	RGI	-	RJ	NYMEX	Energy	Emissions	-	RGGI	Futures	0	0
PJM APS Zone Peak Calendar-Month Day-Ahead LMP Futures	S4	AS4	-	S4	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
ERCOT Houston 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	EHW	EAE	-	EHW	NYMEX	Energy	Electricity	ERCOT	Daily Off-Peak	Futures	0	0
NY Harbor ULSD Crack Spread BALMO Futures	1H	1H	-	1H	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
Singapore Mogas 92 Unleaded (Platts) Futures	1N	N1B	-	1N	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
1% Fuel Oil Cargoes CIF MED (Platts) Futures	1W	A1W	-	1W	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Chicago CBOB Gasoline (Platts) vs. RBOB Gasoline Futures	3C	A3C	-	3C	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
NYISO Zone F 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	4L	A4L	-	4L	NYMEX	Energy	Electricity	NYISO	Monthly Peak	Futures	0	0
Gasoil 0.1% Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil BALMO Futures	4V	4V	-	4V	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
3.5% Fuel Oil CIF MED (Platts) Futures	7D	7D	-	7D	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
WTI-Brent Bullet Futures	BY	ABY	-	BY	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures	D2	D2L	-	D2	NYMEX	Energy	Electricity	NYISO	Monthly Off-Peak	Futures	0	0
NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures	D3	D3L	-	D3	NYMEX	Energy	Electricity	NYISO	Monthly Peak	Futures	0	0
PJM Duquesne Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	D6	AD6	-	D6	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
PJM ComEd Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	D8	AD8	-	D8	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
PJM DPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	E8	AE8	-	E8	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
European Diesel 10 ppm Barges FOB ARA (Platts) vs. Low Sulphur Gasoil Futures	ET	AET	-	ET	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
East-West Fuel Oil Spread (Platts) Futures	EW	FEW	-	EW	NYMEX	Energy	Refined Products	Arb	Spreads	Futures	0	0
3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread Futures	FO	FO	-	FO	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0

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MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Peak Calendar-Month 5 MW Futures	H5	H5L	-	H5	NYMEX	Energy	Electricity	MISO	Monthly Peak	Futures	0	0
MISO Michigan Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	HJ	AHJ	-	HJ	NYMEX	Energy	Electricity	MISO	Monthly Off-Peak	Futures	0	0
ERCOT North 345 kV Hub 5 MW Peak Futures	I5	AI5	-	I5	NYMEX	Energy	Electricity	ERCOT	Monthly Peak	Futures	0	0
PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Futures	J2	AJ2	-	J2	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
PJM Western Hub Real-Time Peak Calendar-Day 5 MW Futures	JD	JDL	-	JD	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	KR	AKR	-	KR	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
European Naphtha (Platts) BALMO Futures	KZ	AKZ	-	KZ	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
PJM DPL Zone Peak Calendar-Month Day-Ahead LMP Futures	L8	AL8	-	L8	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
ISO New England West Central Massachusetts Zone 5 MW Off-Peak Calendar-Month Day Ahead LMP Futures	L9	AL9	-	L9	NYMEX	Energy	Electricity	ISO-NE	Monthly Off-Peak	Futures	0	0
Los Angeles Jet (OPIS) Futures	LL	LL	-	LL	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
ISO New England South East Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	P4	AP4	-	P4	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Futures	0	0
ISO New England North East Massachusetts Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	P8	AP8	-	P8	NYMEX	Energy	Electricity	ISO-NE	Monthly Off-Peak	Futures	0	0
PJM BGE Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	R3	AR3	-	R3	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
PJM PEPCO Zone Peak Calendar-Month Day-Ahead LMP 5 MW Futures	R8	AR8	-	R8	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
Freight Route North Sea to Continent (TD7) (Baltic) Futures	TK	TK	-	TK	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Freight Route Continent to US Atlantic Coast (TC2) (Baltic) Futures	TM	TM	-	TM	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Gasoil 0.1% Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	TU	ATU	-	TU	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Diesel 10ppm Barges FOB ARA (Platts) BALMO Futures	U7	U7	-	U7	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
European Jet Kerosene Cargoes CIF NWE (Platts) Futures	UJ	AUJ	-	UJ	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
European Jet Kerosene Barges FOB Rdam (Platts) Futures	UR	UR	-	UR	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
PJM AEP Dayton Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	V3	V3L	-	V3	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
Gasoil 0.1% Barges FOB ARA (Platts) Futures	VL	AVL	-	VL	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Gasoil 0.1% Barges FOB ARA (Platts) vs. Low Sulphur Gasoil Futures	WQ	AWQ	-	WQ	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
PJM AECO Zone Peak Calendar-Month Day-Ahead LMP Futures	Y1	AY1	-	Y1	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
ULSD 10ppm CIF MED (Platts) vs. Low Sulphur Gasoil Futures	Z7	AZ7	-	Z7	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
1% Fuel Oil Rdam (Platts) vs. 1% Fuel Oil NWE (Platts) Futures	33	A33	-	33	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
WTS (Argus) Trade Month Futures	AY	AY	-	AY	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
European 1% Fuel Oil Cargoes FOB MED (Platts) Futures	EFM	EFM	-	EFM	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Singapore Mogas 95 Unleaded (Platts) vs. Singapore Mogas 92 Unleaded (Platts) Futures	SMU	SMU	-	SMU	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
ISO New England New Hampshire Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	U3	AU3	-	U3	NYMEX	Energy	Electricity	ISO-NE	Monthly Off-Peak	Futures	0	0
ERCOT West 345 kV Hub Day-Ahead 5 MW Peak Futures	EWE	YWE	-	EWE	NYMEX	Energy	Electricity	ERCOT	Monthly Peak	Futures	0	0
Daily European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	FOR	FOR	-	FOR	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
1.0% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread (1000mt) Futures	FVB	FVB	-	FVB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Daily Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	GBR	GBR	-	GBR	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
ERCOT South 345 kV Hub 5 MW Peak Futures	I9	AI9	-	I9	NYMEX	Energy	Electricity	ERCOT	Monthly Peak	Futures	0	0
ERCOT South 345 kV Hub 5 MW Off-Peak Futures	J1	AJ1	-	J1	NYMEX	Energy	Electricity	ERCOT	Monthly Off-Peak	Futures	0	0
Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	T0	AT0	-	T0	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Mini ULSD 10ppm Cargoes CIF MED (Platts) vs. Low Sulphur Gasoil Futures	UCM	UCM	-	UCM	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	OB	OB	-	OB	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Real-Time LMP Futures	2E	C2E	-	2E	NYMEX	Energy	Electricity	Western Power	Monthly Off-Peak	Futures	0	0
Chicago ULSD (Platts) Futures	4C	4C	-	4C	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Day-Ahead LMP Futures	4Z	C4Z	-	4Z	NYMEX	Energy	Electricity	Western Power	Daily Off-Peak	Futures	0	0
NY ULSD (Argus) Futures	5Y	5Y	-	5Y	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
MISO Minnesota Hub Peak Calendar-Month LMP 5 MW Futures	LM	ALM	-	LM	NYMEX	Energy	Electricity	MISO	Monthly Peak	Futures	0	0
Mini ULSD 10ppm Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	MGN	MGN	-	MGN	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
NY 1% Fuel Oil (Platts) Crack Spread BALMO Futures	NFC	NFC	-	NFC	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
Group Three ULSD (Platts) Futures	A7	AA7	-	A7	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
Singapore Mogas 95 Unleaded (Platts) BALMO Futures	W0	W0	-	W0	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Mini Singapore Fuel Oil 380 cst (Platts) BALMO Futures	MTB	MTB	-	MTB	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Brent Crude Oil London Trade at Marker Futures	BZL	BZL	-	BZL	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
Gulf Coast HSFO (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	GCB	GCB	-	GCB	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
NYISO Rest of the State Capacity Calendar-Month Futures	NRS	NRR	-	NRS	NYMEX	Energy	Electricity	NYISO	Flats	Futures	0	0
Mont Belvieu LDH Iso-Butane (OPIS) Futures	MBL	MBL	-	MBL	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
NY ULSD (Argus) vs. NY Harbor ULSD BALMO Futures	ULB	ULB	-	ULB	NYMEX	Energy	Refined Products	-	Outrights	Futures	0	0
MISO Michigan Hub 5 MW Off-Peak Calendar-Month Day-Ahead Futures	HMO	HOA	-	HMO	NYMEX	Energy	Electricity	MISO	Monthly Off-Peak	Futures	0	0
NYISO Zone J Day-Ahead Off-Peak Calendar-Day 5 MW Futures	ZJO	ZJL	-	ZJO	NYMEX	Energy	Electricity	NYISO	Daily Off-Peak	Futures	0	0
PJM Northern Illinois Hub Day-Ahead Off-Peak Calendar-Day 5 MW Futures	PNO	POL	-	PNO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM Western Hub Real-Time Off-Peak Calendar-Day 5 MW Futures	WOR	WOL	-	WOR	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
Singapore Fuel Oil 380 cst (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	SFB	SFB	-	SFB	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
Mini European Naphtha (Platts) BALMO Futures	MEN	MEE	-	MEN	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Dated Brent (Platts) BALMO Futures	DBB	DBB	-	DBB	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
Alberta Power Pool Extended Off-Peak Calendar-Day Futures	AFP	PFP	-	AFP	NYMEX	Energy	Electricity	Canadian	Daily Off-Peak	Futures	0	0
Mini East-West Fuel Oil Spread (Platts) Futures	MEW	MEW	-	MEW	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
Low Sulphur Gasoil Crack Spread (1000mt) BALMO Financial Futures	ESS	ESS	-	ESS	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0

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Urals Med (Platts) vs. Dated Brent (Platts) CFD Futures	UMD	UMD	-	UMD	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0
Urals North (Platts) vs. Dated Brent (Platts) CFD Futures	UNS	UNS	-	UNS	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0
ISO New England Connecticut Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NCO	NCO	-	NCO	NYMEX	Energy	Electricity	ISO-NE	Daily Off-Peak	Futures	0	0
ISO New England New Hampshire Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NHO	NHO	-	NHO	NYMEX	Energy	Electricity	ISO-NE	Daily Off-Peak	Futures	0	0
ISO New England North East Massachusetts Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NEO	NEO	-	NEO	NYMEX	Energy	Electricity	ISO-NE	Daily Off-Peak	Futures	0	0
ISO New England South East Massachusetts Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NSO	NSO	-	NSO	NYMEX	Energy	Electricity	ISO-NE	Daily Off-Peak	Futures	0	0
ISO New England West Central Massachusetts Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NWO	NWO	-	NWO	NYMEX	Energy	Electricity	ISO-NE	Daily Off-Peak	Futures	0	0
ISO New England New Hampshire Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NHP	NHP	-	NHP	NYMEX	Energy	Electricity	ISO-NE	Daily Peak	Futures	0	0
ISO New England West Central Massachusetts Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NWP	NWP	-	NWP	NYMEX	Energy	Electricity	ISO-NE	Daily Peak	Futures	0	0
PJM APS Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PZO	PZO	-	PZO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM ATSI Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PHO	PHO	-	PHO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM DPL Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PUO	PUO	-	PUO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM PECO Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PVO	PVO	-	PVO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM PPL Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PLO	PLO	-	PLO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM PSEG Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PSO	PSO	-	PSO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM ATSI Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PHP	PHP	-	PHP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM ComEd Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PCP	PCP	-	PCP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM ATSI Zone Peak Calendar-Day 5 MW Real-Time LMP Futures	PRP	PRP	-	PRP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
NYISO Zone C Off-Peak Calendar-Day 5 MW Day-Ahead LBMP Futures	NCD	NCD	-	NCD	NYMEX	Energy	Electricity	NYISO	Daily Off-Peak	Futures	0	0
NYISO Zone F Off-Peak Calendar-Day 5 MW Day-Ahead LBMP Futures	NFO	NFO	-	NFO	NYMEX	Energy	Electricity	NYISO	Daily Off-Peak	Futures	0	0
MISO Michigan Hub Peak Calendar-Day 5 MW Day-Ahead LMP Futures	MMP	MMP	-	MMP	NYMEX	Energy	Electricity	MISO	Daily Peak	Futures	0	0
MISO Minnesota Hub Peak Calendar-Day 5 MW Real-Time LMP Futures	MNT	MNT	-	MNT	NYMEX	Energy	Electricity	MISO	Daily Peak	Futures	0	0
PJM Western Hub Real-Time Peak Average Price Monthly Futures 5 MW	SRT	SRT	-	SRT	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
Brent Crude Oil vs. Dubai Crude Oil (Platts) BALMO Futures	BDB	BDB	-	BDB	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
Dutch TTF Natural Gas (USD/MMBtu) (ICIS Heren) Front Month Futures	TTE	TTE	-	TTE	NYMEX	Energy	Natural Gas	European	Outrights	Futures	0	0
Henry Hub TTF (ICIS Heren) Natural Gas Spread Futures	THD	THD	-	THD	NYMEX	Energy	Natural Gas	European	Outrights	Futures	0	0
UK NBP Natural Gas (USD/MMBtu) (ICIS Heren) Front Month Futures	NBP	NBP	-	NBP	NYMEX	Energy	Natural Gas	European	Outrights	Futures	0	0
German Power Peakload Calendar Month Futures	DEP	DEP	-	DEP	NYMEX	Energy	Electricity	European	-	Futures	0	0
Italian Power Baseload (GME) Calendar Month Futures	ITB	ITB	-	ITB	NYMEX	Energy	Electricity	European	-	Futures	0	0
Italian Power Peakload (GME) Calendar Month Futures	ITP	ITP	-	ITP	NYMEX	Energy	Electricity	European	-	Futures	0	0
Gold London Trade At Marker First PM	GCD	GCD	-	GCD	COMEX	Metals	Precious	-	-	Futures	0	0
Freight Route Continent to US Atlantic Coast (TC2) (Baltic) BALMO Futures	TMB	TMB	-	TMB	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Freight Route Middle East to China (TD3C) (Baltic) BALMO Futures	TLB	TLB	-	TLB	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Freight Middle East to Japan (TC5) (Platts) BALMO Futures	THB	THB	-	THB	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Freight Route Middle East to China (TD3C) (Platts) Futures	TD3	TD3	-	TD3	NYMEX	Energy	Freight	Wet	-	Futures	0	0
WTI Houston (Argus) vs. Dubai (Platts) Calendar Month Futures	WDB	WDB	-	WDB	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
WTI Houston (Argus) vs. Brent Calendar Month Futures	WBR	WBR	-	WBR	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
WTI Midland (Argus) vs. Brent Trade Month Futures	WMB	WMB	-	WMB	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
Gasoline Eurobob Non-Oxy NWE Barges (Argus) Futures	GNO	GNO	-	GNO	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Gasoline Eurobob Non-Oxy NWE Barges (Argus) vs Gasoline Eurobob Oxy NWE Barges (Argus) Futures	GES	GES	-	GES	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Palladium TAS	PAT	PAT	-	PAT	NYMEX	Metals	Precious	-	-	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
LNG Japan/Korea Marker (Platts) Front Half Month Futures	JKF	JKF	-	JKF	NYMEX	Energy	Natural Gas	-	Outrights	Futures	0	0
USGC Marine Fuel 0.5% Barges (Platts) BALMO Futures	H5B	H5B	-	H5B	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
Singapore FOB Marine Fuel 0.5% (Platts) BALMO Futures	S5B	S5B	-	S5B	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Mini Singapore FOB Marine Fuel 0.5% (Platts) BALMO Futures	SBM	SBM	-	SBM	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
USGC Marine Fuel 0.5% Barges (Platts) vs. Gulf Coast HSFO (Platts) BALMO Futures	HGB	HGB	-	HGB	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
U.S. Midwest Hot-Rolled Coil Steel (Platts) Futures	HRP	HRP	-	HRP	COMEX	Metals	Ferrous	-	-	Futures	0	0
Micro Palladium Futures	PAM	PAM	-	PAM	NYMEX	Metals	Precious	-	-	Futures	0	0
Gulf Coast LNG Export Futures	LNG	LNG	-	LNG	NYMEX	Energy	Natural Gas	North American	Outrights	Futures	0	0
Cross North Sea Dirty Freight 80kt (Platts) Futures	XUK	XUK	-	XUK	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
WCS Houston (Argus) vs. WTI Trade Month Futures	WHT	WHT	-	WHT	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
Gold (Enhanced Delivery) Futures	4GC	4GC	-	4GC	COMEX	Metals	Precious	-	-	Futures	0	0
UCOME Biodiesel (RED Compliant) FOB ARA (Argus) vs Low Sulphur Gasoil Futures	UCS	UCS	-	UCS	NYMEX	Energy	Biofuels	European	Spreads	Futures	0	0
CBL California Carbon Allowance Vintage-Specific Futures 2021	CC1	CC1	-	CC1	NYMEX	Energy	Emissions	-	-	Futures	0	0
Mini LNG Japan/Korea Marker (Platts) Yen Denominated Futures	JKY	JKY	-	JKY	NYMEX	Energy	Natural Gas	-	-	Futures	0	0
Japanese Power (Day-Ahead) Kansai Base-Load Futures	JBK	JBK	-	JBK	NYMEX	Energy	Electricity	-	-	Futures	0	0
Bakken Cushing (Argus) vs. WTI Trade Month Futures	BKT	BKT	-	BKT	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Gasoline Eurobob Non-Oxy NWE Barges (Argus) vs. European Naphtha CIF NWE (Platts) BALMO Futures	MCN	MCN	-	MCN	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Gulf Coast UCO (Argus) Futures	UCO	UCO	-	UCO	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
UCO fob ARA (Argus) Futures	UCD	UCD	-	UCD	NYMEX	Energy	Biofuels	European	Outrights	Futures	0	0
UCO fob ARA (Argus) vs. Low Sulphur Gasoil Futures	UCG	UCG	-	UCG	NYMEX	Energy	Biofuels	European	Spreads	Futures	0	0
WCS Houston (Argus) vs. WTI Trade Month BALMO Futures	BWH	BWH	-	BWH	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Guernsey Light Sweet (EMDA) vs. WTI Trade Month Futures	GWT	GWT	-	GWT	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Brent Crude Oil Last Day TAS Futures	BZT	BZT	-	BZT	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
PJM Western Hub Peak Calendar-Month Real-Time LMP Futures	L1	AL1	-	L1	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
ERCOT West 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	EWV	EAW	-	EWV	NYMEX	Energy	Electricity	ERCOT	Daily Peak	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Silver TAS Futures	SIT	SIT	-	SIT	COMEX	Metals	Precious	-	-	Futures	0	0
RBOB Gasoline BALMO Futures	1D	A1D	-	1D	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
Singapore Mogas 92 Unleaded (Platts) BALMO Futures	1P	A1P	-	1P	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Propane Non-LDH Mont Belvieu (OPIS) BALMO Futures	1S	1S	-	1S	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
1% Fuel Oil Cargoes CIF NWE (Platts) Futures	1X	A1X	-	1X	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Mont Belvieu Physical Non-LDH Propane (OPIS) Futures	3P	3P	-	3P	NYMEX	Energy	Petrochemicals	NGL	Physical	Futures	0	0
Mont Belvieu Physical Ethane (OPIS) Futures	3Q	A3Q	-	3Q	NYMEX	Energy	Petrochemicals	NGL	Physical	Futures	0	0
ULSD 10ppm Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil BALMO Futures	3V	3V	-	3V	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
PJM PECO Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	4N	A4N	-	4N	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
MISO Illinois Hub 5 MW Off-Peak Calendar-Month Day-Ahead Futures	4R	A4R	-	4R	NYMEX	Energy	Electricity	MISO	Monthly Off-Peak	Futures	0	0
Dated Brent (Platts) vs. Brent First Month (BFOE) (Platts) Daily CFD Future	6W	A6W	-	6W	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0
Jet Fuel Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil BALMO Futures	6X	A6X	-	6X	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Dated Brent (Platts) Daily Futures	7G	A7G	-	7G	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
Premium Unleaded Gasoline 10 ppm Barges FOB Rdam (Platts) Futures	7L	A7L	-	7L	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
ULSD 10ppm CIF MED (Platts) vs. Low Sulphur Gasoil BALMO Futures	7V	7V	-	7V	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Diesel 10ppm Barges FOB ARA (Platts) vs. Low Sulphur Gasoil BALMO Futures	7X	7X	-	7X	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Premium Unleaded Gasoline 10 ppm FOB MED (Platts) BALMO Futures	8G	A8G	-	8G	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Jet Fuel Barges FOB Rdam (Platts) vs. Low Sulphur Gasoil BALMO Futures	9Q	9Q	-	9Q	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
NYISO Zone A Day-Ahead Peak Calendar-Day 5 MW Futures	AN	ANL	-	AN	NYMEX	Energy	Electricity	NYISO	Daily Peak	Futures	0	0
Dubai Crude Oil (Platts) BALMO Futures	BI	ABI	-	BI	NYMEX	Energy	Crude Oil	Asian	Outrights	Futures	0	0
Singapore Fuel Oil 380 cst (Platts) BALMO Futures	BT	ABT	-	BT	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	D9	AD9	-	D9	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
PJM JCPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	F2	AF2	-	F2	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	FK	AFK	-	FK	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures	FL	FL	-	FL	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
1% Fuel Oil Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	FS	FSS	-	FS	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Singapore Gasoil (Platts) vs. Low Sulphur Gasoil Futures	GA	AGA	-	GA	NYMEX	Energy	Refined Products	Arb	Spreads	Futures	0	0
European Diesel 10 ppm Barges FOB ARA (Platts) Futures	GT	AGT	-	GT	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	H2	H2L	-	H2	NYMEX	Energy	Electricity	ISO-NE	Monthly Off-Peak	Futures	0	0
ERCOT Houston 345 kV Hub 5 MW Peak Futures	I1	AI1	-	I1	NYMEX	Energy	Electricity	ERCOT	Monthly Peak	Futures	0	0
ERCOT North 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	I8	AP1	-	I8	NYMEX	Energy	Electricity	ERCOT	Daily Off-Peak	Futures	0	0
Brent Crude Oil BALMO Futures	J9	AJ9	-	J9	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
Los Angeles CARBOB Gasoline (OPIS) vs. RBOB Gasoline Futures	JL	AJL	-	JL	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
NYISO Zone J Day-Ahead Peak Calendar-Day 5 MW Futures	JN	JNL	-	JN	NYMEX	Energy	Electricity	NYISO	Daily Peak	Futures	0	0
European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	KX	AKX	-	KX	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
PJM PPL Zone Peak Calendar-Month Day-Ahead LMP Futures	L5	AL5	-	L5	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
Los Angeles CARB Diesel (OPIS) Futures	LX	ALX	-	LX	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
ERCOT North 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	ERW	YRW	-	ERW	NYMEX	Energy	Electricity	ERCOT	Daily Peak	Futures	0	0
Singapore Fuel Oil 180 cst (Platts) vs. 380 cst (Platts) Futures	SD	SD	-	SD	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
Freight Middle East to Japan (TC5) (Platts) Futures	TH	TH	-	TH	NYMEX	Energy	Freight	Wet	-	Futures	0	0
ULSD 10ppm Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	TP	ATP	-	TP	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Gasoil 0.1% Cargoes CIF NWE (Platts) Futures	TW	TW	-	TW	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Dated Brent (Platts) Financial Futures	UB	AUB	-	UB	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
Gulf Coast ULSD (Argus) Up-Down Futures	US	AUS	-	US	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
Singapore Gasoil (Platts) BALMO Futures	VU	AVU	-	VU	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
PJM PSEG Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	W6	AW6	-	W6	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
LLS (Argus) vs. WTI Financial Futures	WJ	AWJ	-	WJ	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Jet Fuel Barges FOB Rdam (Platts) BALMO Futures	X9	X9	-	X9	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) BALMO Futures	Z0	AZ0	-	Z0	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
Gasoil 0.1% Cargoes CIF MED (Platts) Futures	Z4	Z4	-	Z4	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Iron Ore 62% Fe, CFR China (Platts) Futures	TIO	TIO	-	TIO	COMEX	Metals	Ferrous	-	-	Futures	0	0
Daily Mont Belvieu Normal Butane (Non-LDH) (OPIS) Futures	C4D	C4D	-	C4D	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
LLDPE Linear Low Density Polyethylene (PCW) Financial Futures	LPE	LPE	-	LPE	NYMEX	Energy	Petrochemicals	Resin	Financial	Futures	0	0
PJM PENELEC Zone Peak Calendar-Month Day-Ahead LMP Futures	49	A49	-	49	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
Low Sulphur Gasoil Crack Spread (1000mt) Financial Futures	GOC	GOC	-	GOC	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
ERCOT West 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	EWK	YWK	-	EWK	NYMEX	Energy	Electricity	ERCOT	Monthly Off-Peak	Futures	0	0
Dated Brent (Platts) to Frontline Brent BALMO Futures	FE	AFE	-	FE	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
Gulf Coast HSFO (Platts) Crack Spread BALMO Futures	GFC	GFC	-	GFC	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
ISO New England Rhode Island Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	U5	AU5	-	U5	NYMEX	Energy	Electricity	ISO-NE	Monthly Off-Peak	Futures	0	0
CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	1Y	1Y	-	1Y	NYMEX	Energy	Electricity	Western Power	Monthly Peak	Futures	0	0
NY Harbor ULSD Last Day Financial Futures	23	23	-	23	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Day Real-Time LMP Futures	2F	2FW	-	2F	NYMEX	Energy	Electricity	Western Power	Daily Peak	Futures	0	0
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Day Real-Time LMP Futures	2H	DHA	-	2H	NYMEX	Energy	Electricity	Western Power	Daily Peak	Futures	0	0
CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	3X	3XW	-	3X	NYMEX	Energy	Electricity	Western Power	Monthly Off-Peak	Futures	0	0
CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Day Day-Ahead LMP Futures	3Z	3ZW	-	3Z	NYMEX	Energy	Electricity	Western Power	Daily Peak	Futures	0	0
Mont Belvieu Ethylene (OPIS PCW) BALMO Futures	MBB	MBB	-	MBB	NYMEX	Energy	Petrochemicals	Olefin	Financial	Futures	0	0
Alberta Power Pool Calendar Month 1 MW Futures	AOM	AQK	-	AOM	NYMEX	Energy	Electricity	Canadian	Flats	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Conway Normal Butane (OPIS) BALMO Futures	CBB	CBB	-	CBB	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
WTI Crude Oil London Trade at Marker Futures	CLL	CLL	-	CLL	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Alberta Power Pool Extended Peak Calendar-Month Futures	AEX	PEX	-	AEX	NYMEX	Energy	Electricity	Canadian	Monthly Peak	Futures	0	0
Alberta Power Pool Extended Off-Peak Calendar-Month Futures	AEF	FEF	-	AEF	NYMEX	Energy	Electricity	Canadian	Monthly Off-Peak	Futures	0	0
MISO Indiana Hub Real-Time Off-Peak Calendar-Day 5 MW Futures	FTD	FTL	-	FTD	NYMEX	Energy	Electricity	MISO	Daily Off-Peak	Futures	0	0
MISO Indiana Hub Day-Ahead Off-Peak Calendar-Day 5 MW Futures	FAD	FAL	-	FAD	NYMEX	Energy	Electricity	MISO	Daily Off-Peak	Futures	0	0
Singapore Fuel Oil 380 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures	STI	STI	-	STI	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	0
Brent Crude Oil Singapore Trade at Marker Futures	BZS	BZS	-	BZS	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
Gulf Coast ULSD (Argus) Up-Down BALMO Futures	GUD	GUD	-	GUD	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
RME Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Low Sulphur Gasoil Futures	BFR	BFR	-	BFR	NYMEX	Energy	Biofuels	European	Spreads	Futures	0	0
LLDPE Linear Low Density Polyethylene (PCW) BALMO Futures	LEL	LEL	-	LEL	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
PJM AEP Dayton Hub Day-Ahead Off-Peak Calendar-Day 5 MW Futures	PEO	PEL	-	PEO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM Western Hub Day-Ahead Off-Peak Calendar-Day 5 MW Futures	PWO	PWL	-	PWO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM AEP Dayton Hub Day-Ahead Peak Calendar-Day 5 MW Futures	PAP	PAL	-	PAP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PP Polypropylene (PCW) BALMO Futures	PPW	PPW	-	PPW	NYMEX	Energy	Petrochemicals	Olefin	Financial	Futures	0	0
RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) Futures	XER	XER	-	XER	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
PJM ATSI Zone 5 MW Off-Peak Calendar-Month Day-Ahead Futures	MOD	MDD	-	MOD	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
PJM ATSI Zone 5 MW Peak Calendar-Month Day-Ahead Futures	MPD	MPP	-	MPD	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
Mont Belvieu Normal Butane LDH (OPIS) Futures	MNB	MNB	-	MNB	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
ULSD 10ppm Cargoes CIF NWE (Platts) vs. New York Harbor ULSD Futures	EO1	EO1	-	EO1	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
NY Harbor ULSD vs Low Sulphur Gasoil Financial Futures	NLS	NLS	-	NLS	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Mini Dubai Crude Oil (Platts) BALMO Futures	DBT	DBT	-	DBT	NYMEX	Energy	Crude Oil	Asian	Outrights	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
LPG Freight Route Middle East to Japan (BLPG1) (Baltic) Futures	FLP	FLP	-	FLP	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
Mini Singapore Fuel Oil 380cst (Platts) vs. European 3.5%Fuel Oil Barges FOB Rdam (Platts) Futures	MSB	MSB	-	MSB	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
Zinc Futures	ZNC	ZNC	-	ZNC	COMEX	Metals	Base	-	-	Futures	0	0
Jet Fuel Cargoes CIF NWE (Platts) Crack Spread Futures	JFC	JFC	-	JFC	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Jet Fuel Cargoes CIF NWE (Platts) Crack Spread BALMO Futures	JFB	JFB	-	JFB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
European Low Sulphur Gasoil Brent Crack Spread BALMO Futures	ESB	ESB	-	ESB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
WTI Houston (Argus) Financial Futures	HIA	HIA	-	HIA	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
ISO New England Maine Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NMO	NMO	-	NMO	NYMEX	Energy	Electricity	ISO-NE	Daily Off-Peak	Futures	0	0
ISO New England Rhode Island Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NRO	NRO	-	NRO	NYMEX	Energy	Electricity	ISO-NE	Daily Off-Peak	Futures	0	0
ISO New England Rhode Island Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	NRP	NRP	-	NRP	NYMEX	Energy	Electricity	ISO-NE	Daily Peak	Futures	0	0
Alumina FOB Australia (Metal Bulletin) Futures	ALB	ALB	-	ALB	COMEX	Metals	Base	-	-	Futures	0	0
PJM JCPL Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PTO	PTO	-	PTO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM BGE Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PBP	PBP	-	PBP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
NYISO Zone C Peak Calendar-Day 5 MW Day-Ahead LBMP Futures	N3P	N3P	-	N3P	NYMEX	Energy	Electricity	NYISO	Daily Peak	Futures	0	0
NYISO Zone E Peak Calendar-Day 5 MW Day-Ahead LBMP Futures	NEP	NEP	-	NEP	NYMEX	Energy	Electricity	NYISO	Daily Peak	Futures	0	0
NYISO Zone F Peak Calendar-Day 5 MW Day-Ahead LBMP Futures	NFD	NFD	-	NFD	NYMEX	Energy	Electricity	NYISO	Daily Peak	Futures	0	0
Henry Hub NBP (ICIS Heren) Natural Gas Spread Futures	NYP	NYP	-	NYP	NYMEX	Energy	Natural Gas	European	Outrights	Futures	0	0
Dutch TTF Natural Gas Daily Futures	TTD	TTD	-	TTD	NYMEX	Energy	Natural Gas	European	Outrights	Futures	0	0
Singapore Gasoil (Platts) Dubai (Platts) Crack Spread Futures	GDL	GDL	-	GDL	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
WTI vs. Dubai Crude Oil (Platts) Futures	DCW	DCW	-	DCW	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
Freight Route Kuwait to Singapore (TD8) (Baltic) Futures	TD8	TD8	-	TD8	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Freight Route Med to Far East (TC15) (Baltic) BALMO Futures	T5B	T5B	-	T5B	NYMEX	Energy	Freight	Wet	-	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Mars (Argus) vs. Brent Trade Month Futures	MBM	MBM	-	MBM	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
RBOB Gasoline vs Eurobob Non-Oxy NWE Barges (Argus) (349,860 gallons) Futures	RGF	RGF	-	RGF	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
Micro European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	MEF	MEF	-	MEF	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
USGC Marine Fuel 0.5% Barges (Platts) vs. Gulf Coast HSFO (Platts) Futures	H5G	H5G	-	H5G	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
Copper London TAM	HGF	HGF	-	HGF	COMEX	Metals	Base	-	-	Futures	0	0
Singapore FOB Marine Fuel 0.5% (Platts) vs. European FOB Rdam Marine Fuel 0.5% Barges (Platts) BALMO Futures	SRB	SRB	-	SRB	NYMEX	Energy	Refined Products	Arb	Spreads	Futures	0	0
Freight Route US Gulf to ARA (TD25) (Baltic) Futures	AEB	AEB	-	AEB	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
Micro European 3.5% Fuel Oil Cargoes FOB Med (Platts) Futures	M35	M35	-	M35	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
U.S. Midwest Shredded Scrap (Platts) Futures	SHR	SHR	-	SHR	COMEX	Metals	Ferrous	-	-	Futures	0	0
UCOME Biodiesel (RED Compliant) FOB ARA (Argus) Futures	UCR	UCR	-	UCR	NYMEX	Energy	Biofuels	European	Outrights	Futures	0	0
Japanese Power (Day-Ahead) Tokyo Peak-Load Futures	JPT	JPT	-	JPT	NYMEX	Energy	Electricity	-	-	Futures	0	0
Dutch TTF Natural Gas Financial (USD/MMBtu) (ICIS Heren) M-1 Average Price Calendar Month Futures	TTB	TTB	-	TTB	NYMEX	Energy	Natural Gas	European	-	Futures	0	0
Container Freight (US West Coast to China/East Asia) (FBX02) (Baltic) Futures	CS2	CS2	-	CS2	NYMEX	Energy	Freight	-	Outrights	Futures	0	0
Container Freight (North Europe to China/East Asia) (FBX12) (Baltic) Futures	CS5	CS5	-	CS5	NYMEX	Energy	Freight	-	Outrights	Futures	0	0
Southern Green Canyon (Argus) vs. WTI Trade Month Futures	SCT	SCT	-	SCT	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Freight Route Middle East to UK Continent (TC20) (Baltic) Futures	TF2	TF2	-	TF2	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
WTI Houston (Argus) vs. Brent Cross-Month Futures	HBX	HBX	-	HBX	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Argus Butane (Saudi Aramco) Futures	MBA	MBA	-	MBA	NYMEX	Energy	Petrochemicals	NGL	Outrights	Futures	0	0
Gasoline Eurobob Non-Oxy NWE Barges (Argus) Crack Spread (1000mt) BALMO Futures	MCB	MCB	-	MCB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Mini Gasoline Eurobob Non-Oxy NWE Barges (Argus) Crack Spread (100mt) Futures	MCS	MCS	-	MCS	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Singapore Gasoline 92 Unleaded (Platts) vs. Gasoline Eurobob Non-Oxy NWE Barges (Argus) BALMO Futures	SGO	SGO	-	SGO	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
NY Harbor ITT Ethanol (Platts) Futures	NIE	NIE	-	NIE	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	0
LNG Freight Australia to Japan (BLNG1-174)	BG1	BG1	-	BG1	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
Soybean Oil - NY Harbor ULSD Spread Financial Futures	BHO	BHO	-	BHO	NYMEX	Energy	Biofuels	North American	Spreads	Futures	0	0
D4 Biodiesel RINs (OPIS) BALMO Futures	R4B	R4B	-	R4B	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	0
D6 Ethanol RINs (OPIS) BALMO Futures	R6B	R6B	-	R6B	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	0
HVO FOB ARA Range (Class II) (Argus) vs Low Sulphur Gasoil Futures	HVG	HVG	-	HVG	NYMEX	Energy	Biofuels	European	Spreads	Futures	0	0
Henry Hub Natural Gas Weekly Futures	HHW	HHW	-	HHW	NYMEX	Energy	Natural Gas	North American	Outrights	Futures	0	0
Spodumene CIF China (Fastmarkets) Futures	SPM	SPM	-	SPM	COMEX	Metals	Battery Metals	-	-	Futures	0	0
Bakken DAPL (EMDA) vs. WTI Trade Month Futures	BDT	BDT	-	BDT	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Bakken Patoka (EMDA) vs. WTI Trade Month Futures	PBT	PBT	-	PBT	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Micro Copper TAS	MHT	MHT	-	MHT	COMEX	Metals	Base	-	-	Futures	0	0
Brent Crude Oil Futures	BB	BB	-	BB	NYMEX	Energy	Crude Oil	European	Outrights	Futures	0	0
NY Harbor ULSD TAS	HOT	HOT	-	HOT	NYMEX	Energy	Refined Products	-	-	Futures	0	0
Ontario Real-Time Peak Calendar-Day Futures	OPD	OPO	-	OPD	NYMEX	Energy	Electricity	Canadian	Daily Peak	Futures	0	0
Ontario Real-Time Off-Peak Calendar-Month Futures	OFM	OFF	-	OFM	NYMEX	Energy	Electricity	Canadian	Monthly Off-Peak	Futures	0	0
Ontario Real-Time Off-Peak Calendar-Day Futures	OFD	OOD	-	OFD	NYMEX	Energy	Electricity	Canadian	Daily Off-Peak	Futures	0	0
ERCOT South 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	EUP	ENP	-	EUP	NYMEX	Energy	Electricity	ERCOT	Daily Off-Peak	Futures	0	0
Gold TAS Futures	GCT	GCT	-	GCT	COMEX	Metals	Precious	-	-	Futures	0	0
Henry Hub Natural Gas Last Day Financial TAS	NNT	NNT	-	NNT	NYMEX	Energy	Natural Gas	-	-	Futures	0	0
European Low Sulphur Gasoil (100mt) Bullet (TAS) Futures	7FT	7FT	-	7FT	NYMEX	Energy	Refined Products	-	-	Futures	0	0
RBOB Gasoline Crack Spread BALMO Futures	1E	1E	-	1E	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
NY Harbor ULSD BALMO Futures	1G	A1G	-	1G	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Jet Aviation Fuel Cargoes FOB MED (Platts) vs. Low Sulphur Gasoil Futures	1V	A1V	-	1V	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Mont Belvieu Physical LDH Propane (OPIS) Futures	3N	A3N	-	3N	NYMEX	Energy	Petrochemicals	NGL	Physical	Futures	0	0
NYISO Zone F 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	4M	A4M	-	4M	NYMEX	Energy	Electricity	NYISO	Monthly Off-Peak	Futures	0	0
Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread BALMO Futures	7I	A7I	-	7I	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Premium Unleaded Gasoline 10 ppm Barges FOB Rdam (Platts) BALMO Futures	7N	7N	-	7N	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Gasoline Euro-bob Oxy NWE Barges (Argus) BALMO Futures	7R	BR7	-	7R	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
NYISO Zone C 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	A3	AA3	-	A3	NYMEX	Energy	Electricity	NYISO	Monthly Off-Peak	Futures	0	0
Gasoil 0.1% Cargoes CIF NWE (Platts) BALMO Futures	B7	AB7	-	B7	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
PJM Duquesne Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	D5	AD5	-	D5	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
PJM Western Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	E4	E4L	-	E4	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures	F3	F3	-	F3	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
PJM Eastern Hub Off-Peak Calendar-Month Day-Ahead LMP Futures	F4	AF4	-	F4	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
WTS (Argus) vs. WTI Trade Month Futures	FH	AFH	-	FH	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
NYISO Zone G Day-Ahead Peak Calendar-Day 5 MW Futures	GN	GNL	-	GN	NYMEX	Energy	Electricity	NYISO	Daily Peak	Futures	0	0
Gulf Coast ULSD (Platts) Crack Spread Futures	GY	GY	-	GY	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
MISO Michigan Hub Real-Time Peak Calendar-Month 5 MW Futures	HM	AHM	-	HM	NYMEX	Energy	Electricity	MISO	Monthly Peak	Futures	0	0
PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures	J4	J4L	-	J4	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures	K4	K4L	-	K4	NYMEX	Energy	Electricity	NYISO	Monthly Off-Peak	Futures	0	0
PJM Northern Illinois Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	L3	L3L	-	L3	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
New York Harbor Residual Fuel (Platts) Crack Spread Futures	ML	AML	-	ML	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	N9	N9L	-	N9	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
MISO Illinois Hub Off-Peak Calendar Month LMP 5 MW Futures	OJ	AOJ	-	OJ	NYMEX	Energy	Electricity	MISO	Monthly Off-Peak	Futures	0	0
ISO New England Connecticut Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	P2	AP2	-	P2	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Futures	0	0
ISO New England Connecticut Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	P3	AP3	-	P3	NYMEX	Energy	Electricity	ISO-NE	Monthly Off-Peak	Futures	0	0
ISO New England West Central Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	R6	AR6	-	R6	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Futures	0	0
Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) Futures	RK	RKA	-	RK	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
ULSD 10ppm Cargoes CIF NWE (Platts) Futures	TY	ATY	-	TY	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Low Sulphur Gasoil BALMO Futures	U9	U9	-	U9	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
New York Harbor 1.0% Fuel Oil (Platts) BALMO Futures	VK	AVK	-	VK	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
ERCOT North 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	ERP	YRP	-	ERP	NYMEX	Energy	Electricity	ERCOT	Daily Off-Peak	Futures	0	0
Gasoil 0.1% Cargoes CIF MED (Platts) BALMO Futures	X6	X6	-	X6	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
ULSD 10ppm CIF MED (Platts) BALMO Futures	X7	X7	-	X7	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
WTI Midland (Argus) Financial Futures	XB	AXB	-	XB	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures	T3	T3L	-	T3	NYMEX	Energy	Electricity	NYISO	Monthly Peak	Futures	0	0
HDPE High Density Polyethylene (PCW) Financial Futures	HPE	HPE	-	HPE	NYMEX	Energy	Petrochemicals	Resin	Financial	Futures	0	0
PJM PENELEC Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	50	A50	-	50	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdm (Platts) BALMO Futures	63	63	-	63	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures	EFF	EFF	-	EFF	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
ISO New England New Hampshire Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	U2	AU2	-	U2	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Futures	0	0
ERCOT Houston 345 kV Hub Day-Ahead 5 MW Peak Futures	EHE	YHE	-	EHE	NYMEX	Energy	Electricity	ERCOT	Monthly Peak	Futures	0	0
Gulf Coast ULSD (Platts) vs. Gulf Coast Jet (Platts) Futures	VV	VV	-	VV	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0

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Mini European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	0A	0A	-	0A	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Mini European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	0E	0E	-	0E	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Jet Aviation Fuel Cargoes FOB MED (Platts) Futures	1T	1T	-	1T	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	1Z	1ZA	-	1Z	NYMEX	Energy	Electricity	Western Power	Monthly Peak	Futures	0	0
Chicago CBOB Gasoline (Platts) Futures	2C	2C	-	2C	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Real-Time LMP Futures	2J	2JW	-	2J	NYMEX	Energy	Electricity	Western Power	Daily Peak	Futures	0	0
NYISO Zone E 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	55	A55	-	55	NYMEX	Energy	Electricity	NYISO	Monthly Peak	Futures	0	0
ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	M1	AM1	-	M1	NYMEX	Energy	Electricity	ERCOT	Daily Off-Peak	Futures	0	0
Mont Belvieu Spot Ethylene In-Well (OPIS PCW) Futures	MBE	MBE	-	MBE	NYMEX	Energy	Petrochemicals	Olefin	Physical	Futures	0	0
Mars (Argus) Trade Month Futures	MO	MO	-	MO	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
ERCOT West 345 kV Hub 5 MW Peak Futures	N1	AN1	-	N1	NYMEX	Energy	Electricity	ERCOT	Monthly Peak	Futures	0	0
Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures	NBB	NBB	-	NBB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
PP Polypropylene (PCW) Financial Futures	PPP	PPP	-	PPP	NYMEX	Energy	Petrochemicals	Resin	Financial	Futures	0	0
1% Fuel Oil Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	88	88	-	88	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
3.5% Fuel Oil CIF MED (Platts) BALMO Futures	8D	8D	-	8D	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Group Three Sub-octane Gasoline (Platts) Futures	A9	AA9	-	A9	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
Daily WTI Financial Futures	DCL	DCL	-	DCL	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
NY Harbor ULSD London Tradable Marker	HOL	HOL	-	HOL	NYMEX	Energy	Refined Products	-	-	Futures	0	0
Mini Gasoil 0.1% Barges FOB ARA (Platts) vs. Low Sulphur Gasoil Futures	MGB	MGB	-	MGB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Freight Route West Coast India to Japan (TC12) (Baltic) Futures	FRS	FRS	-	FRS	NYMEX	Energy	Freight	Wet	-	Futures	0	0
MISO Indiana Hub Day-Ahead Peak Calendar-Day 5 MW Futures	PDD	PDL	-	PDD	NYMEX	Energy	Electricity	MISO	Daily Peak	Futures	0	0

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Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures	STS	STS	-	STS	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	0
Singapore Fuel Oil 180 cst (Platts) 6.35 Brent Crack Spread Futures	STR	STR	-	STR	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	0
Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread BALMO Futures	STB	STY	-	STB	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	0
Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB Gasoline BALMO Futures	GBB	GBB	-	GBB	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
PJM APS Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	W4	AW4	-	W4	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Futures	0	0
NYISO NYC In-City Capacity Calendar-Month Futures	NNC	NHH	-	NNC	NYMEX	Energy	Electricity	NYISO	Flats	Futures	0	0
MISO Michigan Hub 5 MW Peak Calendar-Month Day-Ahead Futures	HMW	HWA	-	HMW	NYMEX	Energy	Electricity	MISO	Monthly Peak	Futures	0	0
Freight Route Skikda, Algeria to Euromed (TC6) (Baltic) Futures	TC6	TC6	-	TC6	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Singapore Jet Kerosene (Platts) Dubai (Platts) Crack Spread Futures	KSD	ASD	-	KSD	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	0
NYISO Zone G Day-Ahead Off-Peak Calendar-Day 5 MW Futures	ZGO	ZGL	-	ZGO	NYMEX	Energy	Electricity	NYISO	Daily Off-Peak	Futures	0	0
PJM Northern Illinois Hub Real-Time Off-Peak Calendar-Day 5 MW Futures	NOC	NOI	-	NOC	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM Western Hub Day-Ahead Peak Calendar-Day 5 MW Futures	PWP	WPL	-	PWP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
1% Fuel Oil Cargoes CIF MED (Platts) BALMO Futures	FOB	AOB	-	FOB	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
1% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures	FOM	FOM	-	FOM	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Alberta Power Pool Peak Calendar-Day Futures	ALP	LAP	-	ALP	NYMEX	Energy	Electricity	Canadian	Daily Peak	Futures	0	0
Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures	MMF	MMF	-	MMF	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Freight Route US Gulf to Continent (TC14) (Baltic) Futures	FRC	FRC	-	FRC	NYMEX	Energy	Freight	Wet	-	Futures	0	0
ERCOT Daily Load Forecast Futures	EMC	EMC	-	EMC	NYMEX	Energy	Electricity	ERCOT	Flats	Futures	0	0
Mini RBOB Gasoline vs. Gasoline Euro-bob Oxy NWE Barges (Argus) BALMO Futures	MXR	MXR	-	MXR	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
Middle East Gasoil FOB Arab Gulf (Platts) BALMO Futures	MBS	MBS	-	MBS	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
NY Buckeye Jet Fuel (Platts) Futures	BUC	BUC	-	BUC	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
Mini 1% Fuel oil Cargoes FOB NWE (Platts) Crack Spread (100mt) Futures	MNS	MNS	-	MNS	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Singapore Fuel Oil 180cst (Platts) Brent Crack Spread (1000mt) Futures	SF1	SF1	-	SF1	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Copper Spot TAS Futures	HG0	HG0	-	HG0	COMEX	Metals	Base	-	-	Futures	0	0
Mini Argus Gasoline Eurobob Oxy Barges												
NWE Crack Spread (100mt) Futures	MAC	MAC	-	MAC	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
WTI Houston (Argus) vs. WTI Financial Futures	HIL	HIL	-	HIL	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Aluminum A380 Alloy (Platts) Futures	A38	A38	-	A38	COMEX	Metals	Base	-	-	Futures	0	0
PJM AECO Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PFO	PFO	-	PFO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM METED Zone Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PMO	PMO	-	PMO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM Eastern Hub Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PYP	PYP	-	PYP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM METED Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PMP	PMP	-	PMP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM PECO Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PVP	PVP	-	PVP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
MISO Illinois Hub Off-Peak Calendar-Day 5 MW Real-Time LMP Futures	MRI	MRI	-	MRI	NYMEX	Energy	Electricity	MISO	Daily Off-Peak	Futures	0	0
MISO Illinois Hub Peak Calendar-Day 5 MW Day-Ahead LMP Futures	MIP	MIP	-	MIP	NYMEX	Energy	Electricity	MISO	Daily Peak	Futures	0	0
Ethanol T2 FOB Rdam Including Duty (Platts) BALMO Futures	Z1B	Z1B	-	Z1B	NYMEX	Energy	Biofuels	European	Outrights	Futures	0	0
3.5% Fuel Oil CIF Med (Platts) vs. 3.5% Fuel Oil FOB Med (Platts) Futures	CMF	CMF	-	CMF	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
3.5% Fuel Oil CIF Med (Platts) vs. 3.5% Fuel Oil FOB Med (Platts) BALMO Futures	CMB	CMB	-	CMB	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
TAS on Platinum Futures	PLT	PLT	-	PLT	NYMEX	Metals	Precious	-	-	Futures	0	0
Urals North (Platts) vs. Dated Brent (Platts) CFD BALMO Futures	UNB	UNB	-	UNB	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0
Freight Route US Gulf to Continent (TC14) (Baltic) BALMO Futures	T4B	T4B	-	T4B	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Freight Route North Sea to UK Continent (TD7) (Baltic) BALMO Futures	TKB	TKB	-	TKB	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Freight Route West Africa to UK Continent (TD20) (Baltic) BALMO Futures	T2B	T2B	-	T2B	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Mini Freight Route Continent to US Atlantic Coast (TC2) (Baltic) Daily Futures	TMD	TMD	-	TMD	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Mini Freight Route West Africa to UK Continent (TD20) (Baltic) Daily Futures	T2M	T2M	-	T2M	NYMEX	Energy	Freight	Wet	-	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Freight Route Middle East to China (TD3C) (Platts) BALMO Futures	T3B	T3B	-	T3B	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Mont Belvieu Non-LDH Propane (OPIS) vs. Argus Propane Far East Index Futures	PNF	PNF	-	PNF	NYMEX	Energy	Petrochemicals	Arb	Financial	Futures	0	0
WTI Midland (Argus) vs. Dubai (Platts) Calendar Month Futures	WTD	WTD	-	WTD	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
Gasoline Eurobob Non-Oxy NWE Barges (Argus) BALMO Futures	GNB	GNB	-	GNB	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Gasoline Eurobob Non-Oxy NWE Barges (Argus) Crack Spread Futures	GNS	GNS	-	GNS	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
MTBE FOB Singapore (Platts) Futures	1NM	1NM	-	1NM	NYMEX	Energy	Petrochemicals	Asian	-	Futures	0	0
Singapore FOB Marine Fuel 0.5% (Platts) vs. Singapore 380 CST Fuel Oil (Platts) Futures	S53	S53	-	S53	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
USGC to China (Platts) Dirty Freight Futures	USC	USC	-	USC	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
WTI vs. Dated Brent (Platts) Calendar Month Futures	CLD	CLD	-	CLD	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
USGC Marine Fuel 0.5% Barges (Platts) (mt) vs. European FOB Rdam Marine Fuel 0.5% Barges (Platts) Futures	UPM	UPM	-	UPM	NYMEX	Energy	Refined Products	Arb	Spreads	Futures	0	0
Micro Platinum Futures	PLM	PLM	-	PLM	NYMEX	Metals	Precious	-	-	Futures	0	0
Freight Route Middle East to East Africa (TC17) (Baltic) Futures	T7C	T7C	-	T7C	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
Singapore Gasoil (Platts) vs. Singapore Marine Fuel 0.5% (Platts) Spread BALMO Futures	GMB	GMB	-	GMB	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
Japanese Power (Day-Ahead) Kansai Peak-Load Futures	JPK	JPK	-	JPK	NYMEX	Energy	Electricity	-	-	Futures	0	0
Freight Route US Gulf to Brazil (TC18) (Baltic) Futures	T8C	T8C	-	T8C	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
Iron Ore China Portside Fines CNH fot Qingdao (Argus) Futures	PAC	PAC	-	PAC	COMEX	Metals	Ferrous	-	-	Futures	0	0
Iron Ore China Portside Fines USD Seaborne Equivalent (Argus) Futures	PAU	PAU	-	PAU	COMEX	Metals	Ferrous	-	-	Futures	0	0
Ethylene CFR NE Asia (ICIS) Futures	NA2	NA2	-	NA2	NYMEX	Energy	Petrochemicals	Olefin	Financial	Futures	0	0
WTI-Brent Trade Month Financial Futures	TBK	TBK	-	TBK	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
WTI Midland (Argus) vs. Brent Cross-Month Futures	WBX	WBX	-	WBX	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Bakken Patoka (EMDA) Monthly Futures	BPA	BPA	-	BPA	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Mini Gasoline Eurobob Non-Oxy NWE Barges (Argus) Futures	OMN	OMN	-	OMN	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Gasoline Eurobob Non-Oxy NWE Barges (Argus) vs. European Naphtha CIF NWE (Platts) Futures	MCF	MCF	-	MCF	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
LNG Freight US Gulf to Japan (BLNG3-174)	BG3	BG3	-	BG3	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
WTI Quarterly Financial Futures	QCS	QCS	-	QCS	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
Mini RBOB Gasoline vs. Eurobob Non-Oxy NWE Barges (Argus) (34,986 gallons) Futures	POB	POB	-	POB	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
Dutch TTF Natural Gas Calendar Month TAS	TAS	TAS	-	TAS	NYMEX	Energy	Natural Gas	European	-	Futures	0	0
D3 Cellulosic RINs (OPIS) Futures	RN3	RN3	-	RN3	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	0
Gulf Coast UCO (Argus) (60,000 lb) Futures	LBU	LBU	-	LBU	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	0
Mars (Argus) vs. WTI Trade Month BALMO Futures	YVB	YVB	-	YVB	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
WCS Cushing (Argus) vs. WTI Trade Month BALMO Futures	WNB	WNB	-	WNB	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
D4 Biodiesel RINs (OPIS) Previous Year Futures	PR4	PR4	-	PR4	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	0
Dutch TTF Natural Gas Physical Day-Ahead/Weekend (ICIS Heren) Calendar Month Futures	TTH	TTH	-	TTH	NYMEX	Energy	Natural Gas	European	-	Futures	0	0
Dutch TTF Natural Gas Physical Day-Ahead/Weekend (ICIS Heren) Daily Futures	DTH	DTH	-	DTH	NYMEX	Energy	Natural Gas	European	-	Futures	0	0
E-Mini Gold TAS	QOT	QOT	-	QOT	COMEX	Metals	Precious	-	-	Futures	0	0
Cotton Futures	TT	TT	-	TT	NYMEX	Agriculture	Lumber and Softs	-	-	Futures	0	0
Henry Hub Natural Gas Look-Alike Last Day Financial TAS	HHT	HHT	-	HHT	NYMEX	Energy	Natural Gas	-	-	Futures	0	0
ERCOT South 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	EUW	EUB	-	EUW	NYMEX	Energy	Electricity	ERCOT	Daily Peak	Futures	0	0
ERCOT Houston 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	EHF	YHF	-	EHF	NYMEX	Energy	Electricity	ERCOT	Daily Peak	Futures	0	0
NY Jet Fuel (Platts) vs. NY Harbor ULSD Futures	1U	A1U	-	1U	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
Premium Unleaded Gasoline 10 ppm FOB MED (Platts) Futures	3G	A3G	-	3G	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Mont Belvieu Physical Normal Butane (OPIS) Futures	3M	A3M	-	3M	NYMEX	Energy	Petrochemicals	NGL	Physical	Futures	0	0
Mont Belvieu Physical Natural Gasoline (OPIS) Futures	3R	A3R	-	3R	NYMEX	Energy	Petrochemicals	NGL	Physical	Futures	0	0
MISO Illinois Hub 5 MW Peak Calendar-Month Day-Ahead Futures	4Q	A4Q	-	4Q	NYMEX	Energy	Electricity	MISO	Monthly Peak	Futures	0	0
Gulf Coast ULSD (Argus) Futures	AJ	AJ	-	AJ	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Gasoil 0.1% Barges FOB ARA (Platts) BALMO Futures	B8	B8	-	B8	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Singapore Fuel Oil 180 cst (Platts) BALMO Futures	BS	ABS	-	BS	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Singapore Jet Kerosene (Platts) BALMO Futures	BX	ABX	-	BX	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
NYISO Zone J Day-Ahead Off-Peak Calendar-Month 5 MW Futures	D4	D4L	-	D4	NYMEX	Energy	Electricity	NYISO	Monthly Off- Peak	Futures	0	0
PJM AEP Dayton Hub Day-Ahead LMP Peak Calendar-Month 5 MW Futures	D7	D7L	-	D7	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
PJM BGE Zone Peak Calendar-Month Day- Ahead LMP Futures	E3	AE3	-	E3	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
PJM PPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	F5	AF5	-	F5	NYMEX	Energy	Electricity	PJM	Monthly Off- Peak	Futures	0	0
MISO Indiana Hub (formerly Cinergy Hub) Real-Time Off-Peak Calendar-Month 5 MW Futures	H4	EJL	-	H4	NYMEX	Energy	Electricity	MISO	Monthly Off- Peak	Futures	0	0
Singapore Jet Kerosene (Platts) Futures	KS	AKS	-	KS	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Singapore Naphtha (Platts) BALMO Futures	KU	ZKU	-	KU	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Los Angeles Jet Fuel (Platts) vs. NY Harbor ULSD Futures	MQ	MQ	-	MQ	NYMEX	Energy	Refined Products	North American	Spreads	Futures	0	0
PJM Northern Illinois Hub Day-Ahead LMP Peak Calendar-Month 5 MW Futures	N3	N3L	-	N3	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
MISO Illinois Hub Peak Calendar-Month LMP 5 MW Futures	OM	AOH	-	OM	NYMEX	Energy	Electricity	MISO	Monthly Peak	Futures	0	0
ISO New England South East Massachusetts Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	P5	AP5	-	P5	NYMEX	Energy	Electricity	ISO-NE	Monthly Off- Peak	Futures	0	0
PJM PEPCO Zone Off-Peak Calendar- Month Day-Ahead LMP Futures	Q8	AQ8	-	Q8	NYMEX	Energy	Electricity	PJM	Monthly Off- Peak	Futures	0	0
Singapore Naphtha (Platts) Futures	SP	ASP	-	SP	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Singapore Fuel Oil 180 cst (Platts) Futures	UA	UA	-	UA	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
PJM Northern Illinois Hub Real-Time Peak Calendar-Day 5 MW Futures	UD	UDL	-	UD	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures	UI	AUI	-	UI	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
ISO New England Maine Zone 5 MW Off- Peak Calendar-Month Day-Ahead LMP Futures	W2	AW2	-	W2	NYMEX	Energy	Electricity	ISO-NE	Monthly Off- Peak	Futures	0	0
Mars (Argus) vs. WTI Financial Futures	YX	AYX	-	YX	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Gasoil 0.1% Cargoes CIF MED (Platts) vs. Low Sulphur Gasoil Futures	Z5	AZ5	-	Z5	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
ULSD 10ppm Cargoes CIF MED (Platts) Futures	Z6	Z6	-	Z6	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
MISO Indiana Hub (formerly Cinergy Hub) 5 Month Peak Calendar-Month Real-Time Futures	H3	AH3	-	H3	NYMEX	Energy	Electricity	MISO	Monthly Peak	Futures	0	0
PJM AEP Dayton Hub 5MW Peak Calendar-Month Real-Time LMP Futures	Z9	AZ9	-	Z9	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
Daily Mont Belvieu Natural Gasoline (Non-LDH) (OPIS) Futures	C5D	C5D	-	C5D	NYMEX	Energy	Petrochemicals	NGL	Financial	Futures	0	0
3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	BOB	BOO	-	BOB	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
ERCOT Houston 345 kV Hub 5 MW Off-Peak Futures	I2	AI2	-	I2	NYMEX	Energy	Electricity	ERCOT	Monthly Off-Peak	Futures	0	0
Singapore Mogas 95 Unleaded (Platts) Futures	V0	AV0	-	V0	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
European 1% Fuel Oil Cargoes FOB MED vs. European 1% Fuel Oil Cargoes FOB NWE Spread (Platts) Futures	ENS	ENS	-	ENS	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
ERCOT South 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	ERA	EAB	-	ERA	NYMEX	Energy	Electricity	ERCOT	Monthly Off-Peak	Futures	0	0
ERCOT North 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	ERU	ERL	-	ERU	NYMEX	Energy	Electricity	ERCOT	Monthly Off-Peak	Futures	0	0
Gulf Coast CBOB Gasoline A2 (Platts) Crack Spread Futures	GCG	GCG	-	GCG	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
Gulf Coast Unl 87 Gasoline M2 (Platts) Futures	GCM	GCM	-	GCM	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures	I3	AI3	-	I3	NYMEX	Energy	Electricity	ERCOT	Daily Peak	Futures	0	0
ERCOT Houston 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	I4	AI4	-	I4	NYMEX	Energy	Electricity	ERCOT	Daily Off-Peak	Futures	0	0
ERCOT West 345 kV Hub 5 MW Peak Calendar-Day Futures	R1	AR1	-	R1	NYMEX	Energy	Electricity	ERCOT	Daily Peak	Futures	0	0
CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Real-Time LMP Futures	2K	B2K	-	2K	NYMEX	Energy	Electricity	Western Power	Daily Off-Peak	Futures	0	0
NYISO Zone E 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	58	A58	-	58	NYMEX	Energy	Electricity	NYISO	Monthly Off-Peak	Futures	0	0
Dated Brent (Platts) vs. Brent Second Month (BFOE) (Platts) Daily CFD Futures	59	A59	-	59	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	6L	A6L	-	6L	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures	K1	AK1	-	K1	NYMEX	Energy	Electricity	ERCOT	Daily Peak	Futures	0	0
Gulf Coast CBOB Gasoline A2 (Platts) Futures	CRG	CRG	-	CRG	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
Singapore Mogas 97 Unleaded (Platts) Futures	X0	X0	-	X0	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Alberta Power Pool Peak Calendar-Month Futures	APP	APA	-	APP	NYMEX	Energy	Electricity	Canadian	Monthly Peak	Futures	0	0
RBOB Gasoline London Trade at Marker Futures	RBL	RBL	-	RBL	NYMEX	Energy	Refined Products	-	-	Futures	0	0
Mini European Diesel 10 ppm Barges FOB ARA (Platts) vs. Low Sulphur Gasoil Futures	MUD	MUD	-	MUD	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Mini Japan C&F Naphtha (Platts) BALMO Futures	E6M	E6M	-	E6M	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
MISO Indiana Hub Real-Time Peak Calendar-Day 5 MW Futures	PTD	PTL	-	PTD	NYMEX	Energy	Electricity	MISO	Daily Peak	Futures	0	0
Singapore Mogas 92 Unleaded (Platts) Dubai (Platts) Crack Spread Futures	1ND	1NA	-	1ND	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	0
Gulf Coast HSFO (Platts) Brent Crack Spread Futures	GCI	GCI	-	GCI	NYMEX	Energy	Refined Products	North American	Crack Spreads	Futures	0	0
Dated Brent (Platts) vs. Brent First Month (BFOE) (Platts) Weekly Futures	CFB	CFB	-	CFB	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0
Dated Brent (Platts) vs. Brent Second Month (BFOE) (Platts) Weekly Futures	CFC	CFC	-	CFC	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0
RME Biodiesel FOB Rdam (Argus) (RED Compliant) Futures	RBF	RBF	-	RBF	NYMEX	Energy	Biofuels	European	Outrights	Futures	0	0
FAME 0 Biodiesel FOB Rdam (Argus) (RED Compliant) Futures	FBD	FBD	-	FBD	NYMEX	Energy	Biofuels	European	Outrights	Futures	0	0
East-West Fuel Oil Spread (Platts) BALMO Futures	EWB	EWB	-	EWB	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
NYISO Zone A Day-Ahead Off-Peak Calendar-Day 5 MW Futures	ZAO	ZAL	-	ZAO	NYMEX	Energy	Electricity	NYISO	Daily Off-Peak	Futures	0	0
PJM AEP Dayton Hub Real-Time Off-Peak Calendar-Day 5 MW Futures	AOR	AOL	-	AOR	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
Japan C&F Naphtha Dubai (Platts) Crack Spread Futures	JNC	JNC	-	JNC	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
Gasoline 10 ppm FOB MED (Platts) Crack Spread Futures	GKS	GKS	-	GKS	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
Alberta Power Pool Extended Peak Calendar-Day Futures	AXP	XPP	-	AXP	NYMEX	Energy	Electricity	Canadian	Daily Peak	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
PJM ATSI Zone 5 MW Peak Calendar-Month Real-Time Futures	MPR	MPA	-	MPR	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
ULSD 10ppm Cargoes CIF Med (Platts) vs. New York Harbor ULSD Futures	EP1	EP1	-	EP1	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
European Diesel 10ppm Barges FOB ARA (Platts) vs. NY Harbor ULSD Futures	EL1	EL1	-	EL1	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
Mini Gasoline Euro-bob Oxy NWE Barges (Argus) BALMO Futures	MEB	MEB	-	MEB	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
Middle East Gasoil FOB Arab Gulf (Platts) Futures	MPE	MPE	-	MPE	NYMEX	Energy	Refined Products	Asian	Outrights	Futures	0	0
Mini Dubai Crude Oil (Platts) Futures	DBL	DBL	-	DBL	NYMEX	Energy	Crude Oil	Asian	Outrights	Futures	0	0
Singapore Fuel Oil 380cst (Platts) Brent Crack Spread (1000mt) Futures	SF3	SF3	-	SF3	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Futures	0	0
Lead Futures	LED	LED	-	LED	COMEX	Metals	Base	-	-	Futures	0	0
NYISO Lower Hudson Valley Capacity Calendar-Month Futures	LHV	LHV	-	LHV	NYMEX	Energy	Electricity	NYISO	Flats	Futures	0	0
PJM Eastern Hub Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PYO	PYO	-	PYO	NYMEX	Energy	Electricity	PJM	Daily Off-Peak	Futures	0	0
PJM AECO Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	JPP	JPP	-	JPP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM PENELEC Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PKP	PKP	-	PKP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
PJM PPL Zone Peak Calendar-Day 5 MW Day-Ahead LMP Futures	PLP	PLP	-	PLP	NYMEX	Energy	Electricity	PJM	Daily Peak	Futures	0	0
MISO Illinois Hub Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	MOI	MOI	-	MOI	NYMEX	Energy	Electricity	MISO	Daily Off-Peak	Futures	0	0
MISO Michigan Hub Off-Peak Calendar-Day 5 MW Day-Ahead LMP Futures	MMO	MMO	-	MMO	NYMEX	Energy	Electricity	MISO	Daily Off-Peak	Futures	0	0
PJM Western Hub Day-Ahead Peak Average Price Monthly Futures 5 MW	SDD	SDD	-	SDD	NYMEX	Energy	Electricity	PJM	Monthly Peak	Futures	0	0
Gasoline Euro-bob Oxy NWE Barges (Argus) vs European Naphtha CIF NWE (Platts) Futures	EGN	EGN	-	EGN	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
German Power Baseload Calendar Month Futures	DEB	DEB	-	DEB	NYMEX	Energy	Electricity	European	-	Futures	0	0
Copper Premium Grade A CIF Shanghai (Metal Bulletin) Futures	CUP	CUP	-	CUP	COMEX	Metals	Base	-	-	Futures	0	0
Freight Route West Africa to UK Continent (TD20) (Baltic) Futures	T2D	T2D	-	T2D	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Urals Med (Platts) vs. Dated Brent (Platts) CFD BALMO Futures	UMB	UMB	-	UMB	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0
CPC Blend CIF Med Cargoes (Platts) vs. Dated Brent (Platts) BALMO Futures	CCM	CCM	-	CCM	NYMEX	Energy	Crude Oil	European	Spreads	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
LPG Freight Route Middle East to Japan (BLPG1) (Baltic) BALMO Futures	FLB	FLB	-	FLB	NYMEX	Energy	Freight	Wet	-	Futures	0	0
Mini Freight Route Middle East to China (TD3C) (Baltic) Daily Futures	TLD	TLD	-	TLD	NYMEX	Energy	Freight	Wet	-	Futures	0	0
WTI Midland (Argus) vs. Dubai (Platts) Trade Month Futures	WMD	WMD	-	WMD	NYMEX	Energy	Crude Oil	Arb	Spreads	Futures	0	0
Micro Gold TAS Futures	MGT	MGT	-	MGT	COMEX	Metals	Precious	-	-	Futures	0	0
European FOB Rdam Marine Fuel 0.5% (Platts) vs. European 3.5% FOB Barges (Platts) Futures	R53	R53	-	R53	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
WTI Trade Month Futures	TCS	TCS	-	TCS	NYMEX	Energy	Crude Oil	North American	Outrights	Futures	0	0
European FOB Rdam Marine Fuel 0.5% Barges (Platts) BALMO Futures	R5B	R5B	-	R5B	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0
European FOB Rdam Marine Fuel 0.5% (Platts) vs. European 3.5% FOB Barges (Platts) BALMO Futures	R5E	R5E	-	R5E	NYMEX	Energy	Refined Products	European	Spreads	Futures	0	0
USGC Marine Fuel 0.5% Barges (Platts) (mt) Futures	UP5	UP5	-	UP5	NYMEX	Energy	Refined Products	North American	Outrights	Futures	0	0
Shanghai Gold (CNH) Futures	SGC	SGC	-	SGC	COMEX	Metals	Precious	-	-	Futures	0	0
Freight Route Singapore to East Coast Australia (TC7) (Baltic) Futures	TC7	TC7	-	TC7	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
European Butane CIF ARA (Argus) Futures	BEF	BEF	-	BEF	NYMEX	Energy	Petrochemicals	LPG	Financial	Futures	0	0
Singapore Gasoil (Platts) vs. Singapore Marine Fuel 0.5% (Platts) Spread Futures	GMS	GMS	-	GMS	NYMEX	Energy	Refined Products	Asian	Spreads	Futures	0	0
CBL California Carbon Allowance Vintage-Specific Futures 2022	CC2	CC2	-	CC2	NYMEX	Energy	Emissions	-	-	Futures	0	0
CBL California Carbon Allowance Vintage-Specific Futures 2023	CC3	CC3	-	CC3	NYMEX	Energy	Emissions	-	-	Futures	0	0
Japan Crude Cocktail (Detailed) JPY Futures	JCY	JCY	-	JCY	NYMEX	Energy	Natural Gas	-	-	Futures	0	0
LPG Freight Route US Gulf to Japan (BLPG3) (Baltic) Futures	FLJ	FLJ	-	FLJ	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
Freight Route South Korea to Singapore (TC11) (Baltic) Futures	TC1	TC1	-	TC1	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
Freight Route South Korea to Singapore (TC11) (Baltic) BALMO Futures	T1B	T1B	-	T1B	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
LNG North West Europe Marker (Platts) Futures	NWM	NWM	-	NWM	NYMEX	Energy	Natural Gas	European	-	Futures	0	0
Freight Route Middle East to UK Continent (TC20) (Baltic) BALMO Futures	TFB	TFB	-	TFB	NYMEX	Energy	Freight	Wet	Outrights	Futures	0	0
Mini Gasoline Eurobob Non-Oxy NWE Barges (Argus) BALMO Futures	MBO	MBO	-	MBO	NYMEX	Energy	Refined Products	European	Outrights	Futures	0	0

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Gasoline Eurobob Non-Oxy NWE Barges (Argus) Crack Spread (1000mt) Futures	NBO	NBO	-	NBO	NYMEX	Energy	Refined Products	European	Crack Spreads	Futures	0	0
WTI Shanghai Marker TAM	CLC	CLC	-	CLC	NYMEX	Energy	Crude Oil	North American	-	Futures	0	0
WTI-Brent BALMO Futures	BKB	BKB	-	BKB	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
HVO FOB ARA Range (Class II) (Argus) Futures	HVO	HVO	-	HVO	NYMEX	Energy	Biofuels	European	Outrights	Futures	0	0
D6 Biodiesel RINs (OPIS) Previous Year Futures	PR6	PR6	-	PR6	NYMEX	Energy	Biofuels	North American	Outrights	Futures	0	0
UHC Clearbrook (EMDA) vs. WTI Trade Month Futures	UHT	UHT	-	UHT	NYMEX	Energy	Crude Oil	North American	Spreads	Futures	0	0
Dutch TTF Natural Gas Financial Day-Ahead/Weekend (ICIS Heren) Daily Futures	DTF	DTF	-	DTF	NYMEX	Energy	Natural Gas	European	-	Futures	0	0

NYMEX COMEX OPTIONS

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Natural Gas Option (European)	LN	LNE	-	LN	NYMEX	Energy	Natural Gas	-	Outrights	Options	209,328	3,704,102
Crude Oil Option	LO	LO	-	LO	NYMEX	Energy	Crude Oil	North American	Outrights	Options	157,076	2,280,500
Crude Oil Financial Calendar Spread Option 1 Month	7A	B7A	-	7A	NYMEX	Energy	Crude Oil	North American	Outrights	Options	12,725	1,185,067
Gold Option	OG	OG	-	OG	COMEX	Metals	Precious	-	-	Options	29,829	1,033,145
Natural Gas (Henry Hub) Last-day Financial 1 Month Spread Option	G4	G4X	-	G4	NYMEX	Energy	Natural Gas	-	Outrights	Options	28,400	430,952
WTI Average Price Option	AO	AAO	-	AO	NYMEX	Energy	Crude Oil	North American	Outrights	Options	21,850	347,964
WTI Crude Oil 1 Month Calendar Spread Option	WA	WAY	-	WA	NYMEX	Energy	Crude Oil	North American	Spreads	Options	750	307,350
Natural Gas (Henry Hub) Last-day Financial Option	E7	AE7	-	E7	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	202,843
Silver Option	SO	SO	-	SO	COMEX	Metals	Precious	-	-	Options	9,519	177,593
Copper Option	HX	HXE	-	HX	COMEX	Metals	Base	-	-	Options	9,431	174,809
Brent Crude Oil Futures-Style Margin Option	BZO	BZO	-	BZO	NYMEX	Energy	Crude Oil	European	Outrights	Options	3,000	172,075
Light Sweet Crude Oil European Financial Option	LC	LCE	-	LC	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	99,974
Natural Gas Option (American)	ON	ON	-	ON	NYMEX	Energy	Natural Gas	-	Outrights	Options	4,421	52,685
NY Harbor ULSD Option	OH	OH	-	OH	NYMEX	Energy	Refined Products	-	Outrights	Options	2,024	52,319
Natural Gas (Henry Hub) Last-day Financial 6 Month Spread Option	G6	G6B	-	G6	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	51,850
Platinum Option	PO	PO	-	PO	NYMEX	Metals	Precious	-	-	Options	422	47,049
Natural Gas Calendar Strip Option	6J	A6J	-	6J	NYMEX	Energy	Natural Gas	-	Outrights	Options	1,704	41,995
NY Harbor ULSD Average Price Option	AT	ATX	-	AT	NYMEX	Energy	Refined Products	-	Outrights	Options	390	32,274
Crude Oil Friday Weekly Option - Week 1	LO1	LO1	-	LO1	NYMEX	Energy	Crude Oil	North American	Outrights	Options	2,062	24,953
Gold Weekly Friday Option - Week 1	OG1	OG1	-	OG1	COMEX	Metals	Precious	-	-	Options	3,761	20,078
Dutch TTF Natural Gas Futures-Style Margined Calendar Month Option	TFO	TFO	-	TFO	NYMEX	Energy	Natural Gas	European	Outrights	Options	0	13,700
Micro WTI Crude Oil Option	MCO	MCO	-	MCO	NYMEX	Energy	Crude Oil	North American	Outrights	Options	388	11,460
U.S. Midwest Domestic Hot-Rolled Coil Steel (CRU) Index Average Price Option	HRO	HRO	-	HRO	COMEX	Metals	Ferrous	-	-	Options	0	11,391
Palladium Option	PAO	PAO	-	PAO	NYMEX	Metals	Precious	-	-	Options	98	9,963
NY Harbor ULSD Calendar Spread Option - 1 Month	FA	FAY	-	FA	NYMEX	Energy	Refined Products	North American	Spreads	Options	25	9,425
RBOB Gasoline Option	OB	OB	-	OB	NYMEX	Energy	Refined Products	-	Outrights	Options	914	8,525
WTI-Brent Crude Oil Spread Option	BV	ABV	-	BV	NYMEX	Energy	Crude Oil	Arb	Spreads	Options	0	8,350
Gold Weekly Thursday Option - Week 1	G1R	G1R	-	G1R	COMEX	Metals	Precious	-	-	Options	5,074	8,192
Brent Financial Average Price Option	BA	BA	-	BA	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	6,616
Gold Weekly Friday Option - Week 2	OG2	OG2	-	OG2	COMEX	Metals	Precious	-	-	Options	1,049	6,049

NYMEX COMEX OPTIONS

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Chicago Ethanol (Platts) Average Price Option	CVR	CVR	-	CVR	NYMEX	Energy	Biofuels	North American	Outrights	Options	5	5,607
Crude Oil Thursday Weekly Option - Week 1	XL1	XL1	-	XL1	NYMEX	Energy	Crude Oil	North American	Outrights	Options	2,995	5,329
WTI Midland (Argus) vs. WTI Trade Month Average Price Option	WTO	WTO	-	WTO	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	5,035
Gold Weekly Monday Option - Week 2	G2M	G2M	-	G2M	COMEX	Metals	Precious	-	-	Options	1,098	4,719
Silver Weekly Friday Option - Week 1	SO1	SO1	-	SO1	COMEX	Metals	Precious	-	-	Options	358	4,466
Crude Oil Friday Weekly Option - Week 2	LO2	LO2	-	LO2	NYMEX	Energy	Crude Oil	North American	Outrights	Options	418	4,333
Natural Gas (Henry Hub) Last-day Financial 5 Month Spread Option	G5	AG5	-	G5	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	4,000
Gold Weekly Tuesday Option - Week 2	G2T	G2T	-	G2T	COMEX	Metals	Precious	-	-	Options	148	3,715
Crude Oil Monday Weekly Option - Week 2	ML2	ML2	-	ML2	NYMEX	Energy	Crude Oil	North American	Outrights	Options	635	3,632
Gold Weekly Wednesday Option - Week 2	G2W	G2W	-	G2W	COMEX	Metals	Precious	-	-	Options	1,291	3,325
Natural Gas Friday Weekly Financial Option - Week 1	LN1	LN1	-	LN1	NYMEX	Energy	Natural Gas	-	Outrights	Options	675	3,192
Cobalt Metal (Fastmarkets) Average Price Option	COO	COO	-	COO	COMEX	Metals	Battery Metals	-	-	Options	10	2,814
HMS 80/20 Ferrous Scrap, CFR Turkey (Platts TSI) Average Price Option	FSO	FSO	-	FSO	COMEX	Metals	Ferrous	-	-	Options	0	2,350
Lithium Hydroxide CIF CJK (Fastmarkets) Average Price Option	LHO	LHO	-	LHO	COMEX	Metals	Battery Metals	-	-	Options	0	2,040
Mont Belvieu LDH Propane (OPIS) Average Price Option	4H	A4H	-	4H	NYMEX	Energy	Petrochemicals	NGL	Financial	Options	0	2,007
Crude Oil Wednesday Weekly Option - Week 2	WL2	WL2	-	WL2	NYMEX	Energy	Crude Oil	North American	Outrights	Options	1,191	1,868
Gold Weekly Friday Option - Week 3	OG3	OG3	-	OG3	COMEX	Metals	Precious	-	-	Options	446	1,629
Gold Weekly Thursday Option - Week 2	G2R	G2R	-	G2R	COMEX	Metals	Precious	-	-	Options	131	1,536
Silver Weekly Friday Option - Week 2	SO2	SO2	-	SO2	COMEX	Metals	Precious	-	-	Options	206	1,391
Gold Weekly Tuesday Option - Week 3	G3T	G3T	-	G3T	COMEX	Metals	Precious	-	-	Options	22	1,389
Silver Weekly Monday Option - Week 2	M2S	M2S	-	M2S	COMEX	Metals	Precious	-	-	Options	55	1,380
Gold Weekly Monday Option - Week 3	G3M	G3M	-	G3M	COMEX	Metals	Precious	-	-	Options	90	1,303
Crude Oil Friday Weekly Option - Week 3	LO3	LO3	-	LO3	NYMEX	Energy	Crude Oil	North American	Outrights	Options	313	1,281
North European Hot-Rolled Coil Steel (Argus) Average Price Option	EHO	EHO	-	EHO	COMEX	Metals	Ferrous	-	-	Options	0	1,250

NYMEX COMEX OPTIONS

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Dutch TTF Natural Gas Futures-Style Margined Financial Calendar Month Option	TTL	TTL	-	TTL	NYMEX	Energy	Natural Gas	European	-	Options	0	1,200
Crude Oil Tuesday Weekly Option - Week 2	NL2	NL2	-	NL2	NYMEX	Energy	Crude Oil	North American	Outrights	Options	179	1,068
Gold Weekly Tuesday Option - Week 4	G4T	G4T	-	G4T	COMEX	Metals	Precious	-	-	Options	142	906
Brent Crude Oil Last Day Financial Calendar Spread (1 Month) Option	9C	9C	-	9C	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	900
Crude Oil Tuesday Weekly Option - Week 3	NL3	NL3	-	NL3	NYMEX	Energy	Crude Oil	North American	Outrights	Options	129	874
Silver Weekly Thursday Option - Week 1	R1S	R1S	-	R1S	COMEX	Metals	Precious	-	-	Options	338	773
Copper Weekly Friday Option - Week 1	H1E	H1E	-	H1E	COMEX	Metals	Base	-	-	Options	298	747
Gold Weekly Wednesday Option - Week 3	G3W	G3W	-	G3W	COMEX	Metals	Precious	-	-	Options	145	701
Gold Weekly Friday Option - Week 4	OG4	OG4	-	OG4	COMEX	Metals	Precious	-	-	Options	369	701
Crude Oil Thursday Weekly Option - Week 2	XL2	XL2	-	XL2	NYMEX	Energy	Crude Oil	North American	Outrights	Options	76	612
Gold Weekly Wednesday Option - Week 4	G4W	G4W	-	G4W	COMEX	Metals	Precious	-	-	Options	158	574
Natural Gas Thursday Weekly Financial Option - Week 3	KN3	KN3	-	KN3	NYMEX	Energy	Natural Gas	North American	Outrights	Options	108	570
Gold Weekly Monday Option - Week 1	G1M	G1M	-	G1M	COMEX	Metals	Precious	-	-	Options	177	561
Gold Weekly Thursday Option - Week 3	G3R	G3R	-	G3R	COMEX	Metals	Precious	-	-	Options	117	523
Micro WTI Crude Oil Weekly Option - Week 1	MW1	MW1	-	MW1	NYMEX	Energy	Crude Oil	North American	Outrights	Options	68	489
Silver Weekly Wednesday Option - Week 2	W2S	W2S	-	W2S	COMEX	Metals	Precious	-	-	Options	151	487
Copper Weekly Wednesday Option - Week 1	H1W	H1W	-	H1W	COMEX	Metals	Base	-	-	Options	48	457
Natural Gas Monday Weekly Financial Option - Week 2	HN2	HN2	-	HN2	NYMEX	Energy	Natural Gas	North American	Outrights	Options	74	439
Silver Weekly Thursday Option - Week 2	R2S	R2S	-	R2S	COMEX	Metals	Precious	-	-	Options	19	347
Natural Gas Thursday Weekly Financial Option - Week 1	KN1	KN1	-	KN1	NYMEX	Energy	Natural Gas	North American	Outrights	Options	183	315
Natural Gas Friday Weekly Financial Option - Week 2	LN2	LN2	-	LN2	NYMEX	Energy	Natural Gas	-	Outrights	Options	4	310
Crude Oil Wednesday Weekly Option - Week 4	WL4	WL4	-	WL4	NYMEX	Energy	Crude Oil	North American	Outrights	Options	51	289
Copper Weekly Thursday Option - Week 1	H1R	H1R	-	H1R	COMEX	Metals	Base	-	-	Options	229	271
Silver Weekly Tuesday Option - Week 2	S2T	S2T	-	S2T	COMEX	Metals	Precious	-	-	Options	20	253
Crude Oil Friday Weekly Option - Week 4	LO4	LO4	-	LO4	NYMEX	Energy	Crude Oil	North American	Outrights	Options	94	251

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Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Crude Oil Wednesday Weekly Option - Week 3	WL3	WL3	-	WL3	NYMEX	Energy	Crude Oil	North American	Outrights	Options	19	241
Natural Gas Friday Weekly Financial Option - Week 3	LN3	LN3	-	LN3	NYMEX	Energy	Natural Gas	-	Outrights	Options	4	214
Natural Gas Tuesday Weekly Financial Option - Week 2	IN2	IN2	-	IN2	NYMEX	Energy	Natural Gas	North American	Outrights	Options	34	214
Copper Weekly Friday Option - Week 2	H2E	H2E	-	H2E	COMEX	Metals	Base	-	-	Options	10	214
Gulf Coast Jet Fuel (Platts) Average Price Option	GVR	GVR	-	GVR	NYMEX	Energy	Refined Products	-	Outrights	Options	0	210
Silver Weekly Monday Option - Week 3	M3S	M3S	-	M3S	COMEX	Metals	Precious	-	-	Options	14	202
Natural Gas (Henry Hub) Last-day Financial 2 Month Spread Option	G2	AG2	-	G2	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	200
Crude Oil Monday Weekly Option - Week 4	ML4	ML4	-	ML4	NYMEX	Energy	Crude Oil	North American	Outrights	Options	51	182
Silver Weekly Wednesday Option - Week 3	W3S	W3S	-	W3S	COMEX	Metals	Precious	-	-	Options	116	176
Crude Oil Thursday Weekly Option - Week 3	XL3	XL3	-	XL3	NYMEX	Energy	Crude Oil	North American	Outrights	Options	43	172
Silver Weekly Friday Option - Week 4	SO4	SO4	-	SO4	COMEX	Metals	Precious	-	-	Options	69	169
Silver Weekly Tuesday Option - Week 3	S3T	S3T	-	S3T	COMEX	Metals	Precious	-	-	Options	0	168
Silver Weekly Friday Option - Week 3	SO3	SO3	-	SO3	COMEX	Metals	Precious	-	-	Options	8	167
Natural Gas Thursday Weekly Financial Option - Week 2	KN2	KN2	-	KN2	NYMEX	Energy	Natural Gas	North American	Outrights	Options	45	156
Micro Gold Option	OMG	OMG	-	OMG	COMEX	Metals	Precious	-	-	Options	2	147
Natural Gas Wednesday Weekly Financial Option - Week 2	JN2	JN2	-	JN2	NYMEX	Energy	Natural Gas	North American	Outrights	Options	66	139
Natural Gas Monday Weekly Financial Option - Week 3	HN3	HN3	-	HN3	NYMEX	Energy	Natural Gas	North American	Outrights	Options	6	128
Natural Gas Friday Weekly Financial Option - Week 4	LN4	LN4	-	LN4	NYMEX	Energy	Natural Gas	-	Outrights	Options	125	125
Copper Weekly Monday Option - Week 2	H2M	H2M	-	H2M	COMEX	Metals	Base	-	-	Options	20	121
Silver Weekly Monday Option - Week 1	M1S	M1S	-	M1S	COMEX	Metals	Precious	-	-	Options	2	113
Platinum Weekly Friday Option - Week 1	P1L	P1L	-	P1L	NYMEX	Metals	Precious	-	-	Options	2	92
NY Harbor ULSD European Financial Option	LB	LB	-	LB	NYMEX	Energy	Refined Products	-	Outrights	Options	0	88
Silver Weekly Wednesday Option - Week 4	W4S	W4S	-	W4S	COMEX	Metals	Precious	-	-	Options	88	86
Natural Gas Weekly Options (American) - Week 2	ON2	ON2	-	ON2	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	84
Crude Oil Tuesday Weekly Option - Week 4	NL4	NL4	-	NL4	NYMEX	Energy	Crude Oil	North American	Outrights	Options	4	78
Natural Gas Weekly Options (American) - Week 3	ON3	ON3	-	ON3	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	74

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Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Silver Weekly Thursday Option - Week 3	R3S	R3S	-	R3S	COMEX	Metals	Precious	-	-	Options	27	73
Copper Weekly Tuesday Option - Week 2	H2T	H2T	-	H2T	COMEX	Metals	Base	-	-	Options	15	60
LPG Freight Route Middle East to Japan (BLPG1) (Baltic) Average Price Option	FLO	FLO	-	FLO	NYMEX	Energy	Freight	Wet	-	Options	0	60
Copper Weekly Monday Option - Week 3	H3M	H3M	-	H3M	COMEX	Metals	Base	-	-	Options	0	58
Silver Weekly Tuesday Option - Week 4	S4T	S4T	-	S4T	COMEX	Metals	Precious	-	-	Options	37	53
Crude Oil Monday Weekly Option - Week 1	ML1	ML1	-	ML1	NYMEX	Energy	Crude Oil	North American	Outrights	Options	12	52
Palladium Weekly Friday Option - Week 1	PE1	PE1	-	PE1	NYMEX	Metals	Precious	-	-	Options	0	50
Crude Oil Monday Weekly Option - Week 3	ML3	ML3	-	ML3	NYMEX	Energy	Crude Oil	North American	Outrights	Options	29	50
RBOB Gasoline European Financial Option	RF	ARF	-	RF	NYMEX	Energy	Refined Products	-	-	Options	0	46
Copper Weekly Wednesday Option - Week 3	H3W	H3W	-	H3W	COMEX	Metals	Base	-	-	Options	9	46
Micro WTI Crude Oil Weekly Option - Week 2	MW2	MW2	-	MW2	NYMEX	Energy	Crude Oil	North American	Outrights	Options	40	45
Micro Gold Weekly Friday Option - Week 1	1FG	1FG	-	1FG	COMEX	Metals	Precious	-	-	Options	4	39
Copper Weekly Tuesday Option - Week 3	H3T	H3T	-	H3T	COMEX	Metals	Base	-	-	Options	3	37
Copper Weekly Friday Option - Week 3	H3E	H3E	-	H3E	COMEX	Metals	Base	-	-	Options	11	32
Palladium Weekly Friday Option - Week 2	PE2	PE2	-	PE2	NYMEX	Metals	Precious	-	-	Options	1	31
Natural Gas Weekly Options (American) - Week 1	ON1	ON1	-	ON1	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	29
Copper Weekly Wednesday Option - Week 4	H4W	H4W	-	H4W	COMEX	Metals	Base	-	-	Options	1	29
Natural Gas Tuesday Weekly Financial Option - Week 3	IN3	IN3	-	IN3	NYMEX	Energy	Natural Gas	North American	Outrights	Options	20	28
Copper Weekly Thursday Option - Week 2	H2R	H2R	-	H2R	COMEX	Metals	Base	-	-	Options	0	26
Natural Gas Wednesday Weekly Financial Option - Week 3	JN3	JN3	-	JN3	NYMEX	Energy	Natural Gas	North American	Outrights	Options	21	26
RBOB Gasoline 1 Month Calendar Spread Option	ZA	ZAY	-	ZA	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	25
Platinum Weekly Friday Option - Week 3	P3L	P3L	-	P3L	NYMEX	Metals	Precious	-	-	Options	0	20
EIA Flat Tax On-Highway Diesel Average Price Option	DAP	DAP	-	DAP	NYMEX	Energy	Refined Products	North American	Outrights	Options	0	20
Crude Oil Tuesday Weekly Option - Week 1	NL1	NL1	-	NL1	NYMEX	Energy	Crude Oil	North American	Outrights	Options	20	20
Copper Weekly Wednesday Option - Week 2	H2W	H2W	-	H2W	COMEX	Metals	Base	-	-	Options	1	17

NYMEX COMEX OPTIONS

Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Copper Weekly Monday Option - Week 1	H1M	H1M	-	H1M	COMEX	Metals	Base	-	-	Options	1	16
Copper Weekly Thursday Option - Week 3	H3R	H3R	-	H3R	COMEX	Metals	Base	-	-	Options	0	14
RBOB Gasoline Average Price Option	RA	RA	-	RA	NYMEX	Energy	Refined Products	-	-	Options	0	14
Micro Gold Weekly Monday Option - Week 2	2MG	2MG	-	2MG	COMEX	Metals	Precious	-	-	Options	3	14
Micro Gold Weekly Friday Option - Week 2	2FG	2FG	-	2FG	COMEX	Metals	Precious	-	-	Options	4	7
Micro Gold Weekly Wednesday Option - Week 2	2WG	2WG	-	2WG	COMEX	Metals	Precious	-	-	Options	6	6
Copper Weekly Friday Option - Week 4	H4E	H4E	-	H4E	COMEX	Metals	Base	-	-	Options	1	5
Micro Gold Weekly Monday Option - Week 3	3MG	3MG	-	3MG	COMEX	Metals	Precious	-	-	Options	0	4
Palladium Weekly Friday Option - Week 4	PE4	PE4	-	PE4	NYMEX	Metals	Precious	-	-	Options	0	3
Palladium Weekly Friday Option - Week 3	PE3	PE3	-	PE3	NYMEX	Metals	Precious	-	-	Options	0	3
Gold Weekly Tuesday Option - Week 1	G1T	G1T	-	G1T	COMEX	Metals	Precious	-	-	Options	2	2
Brent Last Day Financial European Option	BE	BE	-	BE	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	2
Micro Gold Weekly Monday Option - Week 1	1MG	1MG	-	1MG	COMEX	Metals	Precious	-	-	Options	0	1
Natural Gas Monday Weekly Financial Option - Week 4	HN4	HN4	-	HN4	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	1
Micro Gold Weekly Friday Option - Week 3	3FG	3FG	-	3FG	COMEX	Metals	Precious	-	-	Options	1	1
Copper Weekly Tuesday Option - Week 4	H4T	H4T	-	H4T	COMEX	Metals	Base	-	-	Options	0	1
Platinum Weekly Friday Option - Week 2	P2L	P2L	-	P2L	NYMEX	Metals	Precious	-	-	Options	1	1
Natural Gas 1 Month Calendar Spread Option	IA	IAY	-	IA	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Daily Crude Oil Option	CD	ICD	-	CD	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Brent Crude Oil 1 Month Spread Option	AA	AA	-	AA	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
Brent Crude Oil 2 Month Spread Option	AB	AB	-	AB	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
RBOB Gasoline 3 Month Calendar Spread Option	ZC	AZC	-	ZC	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
Natural Gas 6 Month Calendar Spread Option	IM	IM	-	IM	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Brent Crude Oil Last Day Financial Calendar Spread (2 Month) Option	9B	9B	-	9B	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
Brent Crude Oil Last Day Financial Calendar Spread (3 Month) Option	9D	9D	-	9D	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0

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Natural Gas (Henry Hub) Last-day Financial 12 Month Spread Option	G7	AG7	-	G7	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Mont Belvieu Natural Gasoline (OPIS) Average Price Option	4I	A4I	-	4I	NYMEX	Energy	Petrochemicals	NGL	Financial	Options	0	0
NYISO Zone G 5 MW Peak Calendar-Month Day-Ahead LBMP Option	9U	A9U	-	9U	NYMEX	Energy	Electricity	NYISO	Monthly Peak	Options	0	0
Singapore Fuel Oil 180 cst (Platts) Average Price Option	C5	AC5	-	C5	NYMEX	Energy	Refined Products	Asian	Outrights	Options	0	0
Low Sulphur Gasoil Average Price Option	F7	AF7	-	F7	NYMEX	Energy	Refined Products	European	Outrights	Options	0	0
Gulf Coast HSFO (Platts) Average Price Option	FG	AFG	-	FG	NYMEX	Energy	Refined Products	North American	Outrights	Options	0	0
NY Harbor ULSD Calendar Spread Option - 12 Month	FZ	AFZ	-	FZ	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
European Low Sulphur Gasoil Brent Crack Average Price Option	3U	A3U	-	3U	NYMEX	Energy	Refined Products	European	Crack Spreads	Options	0	0
RBOB Gasoline Crack Spread Average Price Option	3Y	A3Y	-	3Y	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Option	9T	A9T	-	9T	NYMEX	Energy	Electricity	NYISO	Monthly Peak	Options	0	0
Natural Gas Short-Term Option D03	U03	U03	-	U03	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D09	U09	U09	-	U09	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D13	U13	U13	-	U13	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D18	U18	U18	-	U18	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D19	U19	U19	-	U19	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D23	U23	U23	-	U23	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D27	U27	U27	-	U27	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D29	U29	U29	-	U29	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D31	U31	U31	-	U31	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option	EFB	EFB	-	EFB	NYMEX	Energy	Refined Products	European	Outrights	Options	0	0
PJM West Hub 50 MW Same Day Option D01	J01	Z01	-	J01	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D04	J04	Z04	-	J04	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D18	J18	Z18	-	J18	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D20	J20	Z20	-	J20	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0

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PJM West Hub 50 MW Same Day Option D28	J28	Z28	-	J28	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
Singapore Mogas 92 Unleaded (Platts) Average Price Option	1N5	1N5	-	1N5	NYMEX	Energy	Refined Products	Asian	Outrights	Options	0	0
PJM Northern Illinois Hub Peak 50 MW Calendar-Month LMP Option	PJN	AJN	-	PJN	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread Average Price Option	GCE	GCE	-	GCE	NYMEX	Energy	Refined Products	European	Crack Spreads	Options	0	0
Natural Gas Friday Weekly Financial Option - Week 5	LN5	LN5	-	LN5	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Crude Oil Option Semi-Annual Strip Option	6Y	6Y	-	6Y	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
PJM Western Hub Real-Time Peak 5 MW Calendar Strip Option	6OA	6OA	-	6OA	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
PJM Northern Illinois Hub Real-Time Peak Calendar-Month 5 MW Option	OUA	OUA	-	OUA	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
ISO New England Day-Ahead Peak Calendar-Month 5 MW Option	INE	INE	-	INE	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Options	0	0
Chicago Ethanol (Platts) Calendar Spread Option - Two Month	CE2	CE2	-	CE2	NYMEX	Energy	Biofuels	North American	Spreads	Options	0	0
Chicago Ethanol (Platts) Calendar Spread Option - Six Month	CE6	CE6	-	CE6	NYMEX	Energy	Biofuels	North American	Spreads	Options	0	0
Gulf Coast ULSD (Platts) Average Price Option	GUL	GUL	-	GUL	NYMEX	Energy	Refined Products	-	Outrights	Options	0	0
Dutch TTF Natural Gas Calendar Month Option	TTO	TTO	-	TTO	NYMEX	Energy	Natural Gas	European	Outrights	Options	0	0
UK NBP Natural Gas Futures-Style Margined Calendar Month Option	UFO	UFO	-	UFO	NYMEX	Energy	Natural Gas	European	Outrights	Options	0	0
Japanese Power (Day-Ahead) Tokyo Base-Load Average Price Option	JTO	JTO	-	JTO	NYMEX	Energy	Electricity	-	-	Options	0	0
Silver Weekly Wednesday Option - Week 1	W1S	W1S	-	W1S	COMEX	Metals	Precious	-	-	Options	388	0
Copper Weekly Monday Option - Week 5	H5M	H5M	-	H5M	COMEX	Metals	Base	-	-	Options	0	0
Micro WTI Crude Oil Weekly Option - Week 4	MW4	MW4	-	MW4	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
NY Harbor ULSD Brent Crack Spread Average Price Option	HBO	HBO	-	HBO	NYMEX	Energy	Refined Products	North American	Crack Spreads	Options	0	0
Micro Gold Weekly Monday Option - Week 4	4MG	4MG	-	4MG	COMEX	Metals	Precious	-	-	Options	0	0
Micro Gold Weekly Wednesday Option - Week 1	1WG	1WG	-	1WG	COMEX	Metals	Precious	-	-	Options	0	0
Micro Gold Weekly Wednesday Option - Week 4	4WG	4WG	-	4WG	COMEX	Metals	Precious	-	-	Options	0	0
Micro Henry Hub Natural Gas Friday Weekly Option - Week 3	MN3	MN3	-	MN3	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0

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Micro Henry Hub Natural Gas Friday Weekly Option - Week 5	MN5	MN5	-	MN5	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
Gold Weekly Thursday Option - Week 4	G4R	G4R	-	G4R	COMEX	Metals	Precious	-	-	Options	0	0
Silver Weekly Thursday Option - Week 4	R4S	R4S	-	R4S	COMEX	Metals	Precious	-	-	Options	0	0
European Low Sulphur Gasoil Futures-Style Margined Option	7FO	7FO	-	7FO	NYMEX	Energy	Refined Products	European	Outrights	Options	0	0
D6 Ethanol RINs (OPIS) Average Price Option	RO6	RO6	-	RO6	NYMEX	Energy	Biofuels	North American	Outrights	Options	0	0
Crude Oil Thursday Weekly Option - Week 4	XL4	XL4	-	XL4	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
NY Harbor ULSD Financial Calendar Spread Option (One Month)	FAF	FAF	-	FAF	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
Natural Gas Tuesday Weekly Financial Option - Week 5	IN5	IN5	-	IN5	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
Natural Gas Wednesday Weekly Financial Option - Week 5	JN5	JN5	-	JN5	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
RBOB Gasoline Crack Spread Option	RX	RXY	-	RX	NYMEX	Energy	Refined Products	-	Outrights	Options	0	0
WTI Crude Oil 2 Month Physical Spread Option	WB	WB	-	WB	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
WTI Crude Oil 3 Month Physical Spread Option	WC	WC	-	WC	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
Brent Crude Oil 6 Month Spread Option	AM	AM	-	AM	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
RBOB Gasoline 2 Month Calendar Spread Option	ZB	AZB	-	ZB	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
RBOB Gasoline 6 Month Calendar Spread Option	ZM	AZM	-	ZM	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
Brent Crude Oil Daily Option	ODB	ODB	-	ODB	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
Brent Crude Oil Last Day Financial Calendar Spread (12 Month) Option	9Y	9Y	-	9Y	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
Natural Gas (Henry Hub) Last-day Financial 3 Month Spread Option	G3	G3B	-	G3	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Crude Oil Financial Calendar Spread Option 12 Month	7Z	7Z	-	7Z	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Mont Belvieu Normal Butane (OPIS) Average Price Option	4K	A4K	-	4K	NYMEX	Energy	Petrochemicals	NGL	Financial	Options	0	0
NY Harbor ULSD Crack Spread Average Price Option	3W	A3W	-	3W	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
Natural Gas Winter Strip Option	6I	A6I	-	6I	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
European Low Sulphur Gasoil Calendar (1 month) Spread Option	GXA	GXA	-	GXA	NYMEX	Energy	Refined Products	European	Spreads	Options	0	0
Natural Gas Short-Term Option D02	U02	U02	-	U02	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D04	U04	U04	-	U04	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0

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Natural Gas Short-Term Option D05	U05	U05	-	U05	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D06	U06	U06	-	U06	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D07	U07	U07	-	U07	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D14	U14	U14	-	U14	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D21	U21	U21	-	U21	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D22	U22	U22	-	U22	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D24	U24	U24	-	U24	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D30	U30	U30	-	U30	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Dated Brent (Platts) Average Price Option	DBP	DBP	-	DBP	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
PJM West Hub 50 MW Same Day Option D05	J05	Z05	-	J05	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D14	J14	Z14	-	J14	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D21	J21	Z21	-	J21	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D22	J22	Z22	-	J22	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D30	J30	Z30	-	J30	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
Brent Crude Oil Calendar Strip Option	BPC	BPC	-	BPC	NYMEX	Energy	Crude Oil	European	Spreads	Options	0	0
RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) (350,000 gallons) Average Price Option	RGE	RGE	-	RGE	NYMEX	Energy	Refined Products	European	Spreads	Options	0	0
Natural Gas Weekly Options (American) - Week 5	ON5	ON5	-	ON5	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Crude Oil 3 Year MidCurve Option	LM3	LM3	-	LM3	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Crude Oil 4 Year MidCurve Option	LM4	LM4	-	LM4	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Brent Last Day Financial Weekly Options - Week 3	BW3	BW3	-	BW3	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
Brent Last Day Financial Weekly Options - Week 5	BW5	BW5	-	BW5	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
MISO Indiana Hub (formerly Cinergy Hub) Real-Time Peak Calendar-Month 5 MW Option	OYA	OYA	-	OYA	NYMEX	Energy	Electricity	MISO	Monthly Peak	Options	0	0
LLS (Argus) vs. WTI Crude Oil Average Price Option	WJO	WJO	-	WJO	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
Chicago Ethanol (Platts) Calendar Spread Option - One Month	CE1	CE1	-	CE1	NYMEX	Energy	Biofuels	North American	Spreads	Options	0	0

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Singapore Fuel Oil 380cst (Platts) Brent Crack Spread (1000mt) Average Price Option	SCO	SCO	-	SCO	NYMEX	Energy	Refined Products	Asian	Crack Spreads	Options	0	0
PJM Western Hub Real-Time Peak Average Price Option 5 MW	PRT	PRT	-	PRT	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
PJM Western Hub Day-Ahead Peak Average Price Option 5 MW	PDA	PDA	-	PDA	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
LNG Japan/Korea Marker (Platts) Average Price Option	JKO	JKO	-	JKO	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Aluminum MW U.S. Transaction Premium Platts (25MT) Average Price Option	ALO	ALO	-	ALO	COMEX	Metals	Base	-	-	Options	0	0
Gold Weekly Monday Option - Week 4	G4M	G4M	-	G4M	COMEX	Metals	Precious	-	-	Options	0	0
Silver Weekly Monday Option - Week 4	M4S	M4S	-	M4S	COMEX	Metals	Precious	-	-	Options	0	0
Gold Weekly Wednesday Option - Week 5	G5W	G5W	-	G5W	COMEX	Metals	Precious	-	-	Options	0	0
Copper Weekly Wednesday Option - Week 5	H5W	H5W	-	H5W	COMEX	Metals	Base	-	-	Options	0	0
Aluminum Option	AX	AX	-	AX	COMEX	Metals	Base	-	-	Options	0	0
Dutch TTF Natural Gas (USD/MMBtu) Average Price Option	TFP	TFP	-	TFP	NYMEX	Energy	Natural Gas	European	-	Options	0	0
European Union Allowance (EUA) Option	ECO	ECO	-	ECO	NYMEX	Energy	Emissions	-	EU ETS	Options	0	0
Crude Oil Monday Weekly Option - Week 5	ML5	ML5	-	ML5	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Gasoline Eurobob Non-Oxy NWE Barges (Argus) Crack Spread Average Price Option	EBO	EBO	-	EBO	NYMEX	Energy	Refined Products	European	Crack Spreads	Options	0	0
Micro Henry Hub Natural Gas Friday Weekly Option - Week 2	MN2	MN2	-	MN2	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
WTI-Brent Crude Oil Cross-Month Spread Option (One-Month)	BVX	BVX	-	BVX	NYMEX	Energy	Crude Oil	Arb	Spreads	Options	0	0
Copper Weekly Thursday Option - Week 5	H5R	H5R	-	H5R	COMEX	Metals	Base	-	-	Options	0	0
D4 Biodiesel RINs (OPIS) Average Price Option	RO4	RO4	-	RO4	NYMEX	Energy	Biofuels	North American	Outrights	Options	0	0
Crude Oil Tuesday Weekly Option - Week 5	NL5	NL5	-	NL5	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Crude Oil Thursday Weekly Option - Week 5	XL5	XL5	-	XL5	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
RBOB Gasoline Financial Calendar Spread Option (One Month)	ZAF	ZAF	-	ZAF	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
Palladium Weekly Friday Option - Week 5	PE5	PE5	-	PE5	NYMEX	Metals	Precious	-	-	Options	0	0
Natural Gas Monday Weekly Financial Option - Week 1	HN1	HN1	-	HN1	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0

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Natural Gas Tuesday Weekly Financial Option - Week 1	IN1	IN1	-	IN1	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
Denatured Fuel Ethanol Option	OEL	OEL	-	OEL	NYMEX	Energy	Biofuels	North American	Outrights	Options	0	0
Daily Natural Gas Option	KD	KDB	-	KD	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
WTI Crude Oil 12 Month Physical Spread Option	WZ	AWZ	-	WZ	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
NY Harbor ULSD Calendar Spread Option - 6 Month	FM	FM	-	FM	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
Natural Gas 2 Month Calendar Spread Option	IB	IB	-	IB	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Crude Oil Financial Calendar Spread Option 3 Month	7C	7C	-	7C	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Crude Oil Financial Calendar Spread Option 6 Month	7M	7M	-	7M	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Option	OR	RGX	-	OR	NYMEX	Energy	Emissions	-	EU ETS	Options	0	0
European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option	30	A30	-	30	NYMEX	Energy	Refined Products	European	Outrights	Options	0	0
Natural Gas Summer Strip Option	4D	A4D	-	4D	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Mont Belvieu Ethane (OPIS) Average Price Option	4J	A4J	-	4J	NYMEX	Energy	Petrochemicals	NGL	Financial	Options	0	0
Crude Oil Calendar Strip Option	6F	A6F	-	6F	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
European Low Sulphur Gasoil Calendar (6 month) Spread Option	GXM	GXM	-	GXM	NYMEX	Energy	Refined Products	European	Spreads	Options	0	0
Crude Oil Quarterly Strip Option	6E	A6E	-	6E	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Singapore Gasoil (Platts) Average Price Option	M2	AM2	-	M2	NYMEX	Energy	Refined Products	Asian	Outrights	Options	0	0
PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP 5 MW Option	PSG	ASG	-	PSG	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
Singapore Fuel Oil 380 cst (Platts) Average Price Option	8H	A8H	-	8H	NYMEX	Energy	Refined Products	Asian	Outrights	Options	0	0
Conway Propane (OPIS) Average Price Option	CPR	CPR	-	CPR	NYMEX	Energy	Petrochemicals	NGL	Financial	Options	0	0
Natural Gas Short-Term Option D01	U01	U01	-	U01	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D08	U08	U08	-	U08	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D11	U11	U11	-	U11	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D15	U15	U15	-	U15	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Option	CSZ	CSA	-	CSZ	NYMEX	Energy	Electricity	Western Power	Monthly Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D03	J03	Z03	-	J03	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D07	J07	Z07	-	J07	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0

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PJM West Hub 50 MW Same Day Option D08	J08	Z08	-	J08	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D10	J10	Z10	-	J10	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D11	J11	Z11	-	J11	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D12	J12	Z12	-	J12	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D16	J16	Z16	-	J16	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D17	J17	Z17	-	J17	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D19	J19	Z19	-	J19	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D23	J23	Z23	-	J23	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D24	J24	Z24	-	J24	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D29	J29	Z29	-	J29	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
Iron Ore 62% Fe, CFR China (Platts) Average Price Option	ICT	ICT	-	ICT	COMEX	Metals	Ferrous	-	-	Options	0	0
Japan C&F Naphtha (Platts) Average Price Option	JA5	JA5	-	JA5	NYMEX	Energy	Refined Products	Asian	Outrights	Options	0	0
Brent Last Day Financial Option	OS	OSX	-	OS	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
Brent Crude Oil Calendar Spread Quarterly Strip Option	BQP	BQP	-	BQP	NYMEX	Energy	Crude Oil	European	Spreads	Options	0	0
European Naphtha Cargoes CIF NWE (Platts) Average Price Option	NWE	NWE	-	NWE	NYMEX	Energy	Refined Products	-	Outrights	Options	0	0
PJM AEP Dayton Hub Peak 50 MW Calendar-Month LMP Option	PJP	AJI	-	PJP	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
PJM Northern Illinois Hub Peak 50 MW Calendar-Month LMP Swap (European) Option	PJH	JHA	-	PJH	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
RBOB Gasoline Brent Crack Spread Average Price Option	RBC	RBC	-	RBC	NYMEX	Energy	Refined Products	European	Crack Spreads	Options	0	0
Crude Oil Friday Weekly Option - Week 5	LO5	LO5	-	LO5	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Crude Oil 1 Year MidCurve Option	LM1	LM1	-	LM1	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Brent Last Day Financial Weekly Options - Week 4	BW4	BW4	-	BW4	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
MISO Indiana Hub (formerly Cinergy Hub) Real-Time Peak 5 MW Calendar Strip Option	OEA	OEA	-	OEA	NYMEX	Energy	Electricity	MISO	Monthly Peak	Options	0	0
Henry Hub Natural Gas Financial Calendar Spread Option - Four Month	G10	G10	-	G10	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
WTI Houston (Argus) vs. WTI Calendar Month Average Price Option	HIO	HIO	-	HIO	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0

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Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
WTI Midland (Argus) vs. WTI Calendar Month Average Price Option	FFO	FFO	-	FFO	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
WTI vs. Dated Brent (Platts) Average Price Option	CLR	CLR	-	CLR	NYMEX	Energy	Crude Oil	Arb	Spreads	Options	0	0
Silver Weekly Monday Option - Week 5	M5S	M5S	-	M5S	COMEX	Metals	Precious	-	-	Options	0	0
Silver Weekly Wednesday Option - Week 5	W5S	W5S	-	W5S	COMEX	Metals	Precious	-	-	Options	0	0
Micro WTI Crude Oil Weekly Option - Week 5	MW5	MW5	-	MW5	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Micro Gold Weekly Friday Option - Week 5	5FG	5FG	-	5FG	COMEX	Metals	Precious	-	-	Options	0	0
Micro Henry Hub Natural Gas Friday Weekly Option - Week 4	MN4	MN4	-	MN4	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
Gold Weekly Tuesday Option - Week 5	G5T	G5T	-	G5T	COMEX	Metals	Precious	-	-	Options	0	0
Gold Weekly Thursday Option - Week 5	G5R	G5R	-	G5R	COMEX	Metals	Precious	-	-	Options	0	0
Silver Weekly Tuesday Option - Week 5	S5T	S5T	-	S5T	COMEX	Metals	Precious	-	-	Options	0	0
Silver Weekly Thursday Option - Week 5	R5S	R5S	-	R5S	COMEX	Metals	Precious	-	-	Options	0	0
Copper Weekly Thursday Option - Week 4	H4R	H4R	-	H4R	COMEX	Metals	Base	-	-	Options	0	0
Platinum Weekly Friday Option - Week 5	P5L	P5L	-	P5L	NYMEX	Metals	Precious	-	-	Options	0	0
Natural Gas Tuesday Weekly Financial Option - Week 4	IN4	IN4	-	IN4	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
Natural Gas Wednesday Weekly Financial Option - Week 4	JN4	JN4	-	JN4	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
Natural Gas Thursday Weekly Financial Option - Week 4	KN4	KN4	-	KN4	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
Natural Gas Thursday Weekly Financial Option - Week 5	KN5	KN5	-	KN5	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
Brent Crude Oil 12 Month Spread Option	AZ	AZ	-	AZ	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
NY Harbor ULSD Calendar Spread Option - 3 Month	FC	FC	-	FC	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
Natural Gas 12 Month Calendar Spread Option	IZ	IZ	-	IZ	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Brent Crude Oil Last Day Financial Calendar Spread (6 Month) Option	9L	9L	-	9L	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
Crude Oil Financial Calendar Spread Option 2 Month	7B	7B	-	7B	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Option	9V	9AV	-	9V	NYMEX	Energy	Electricity	NYISO	Monthly Peak	Options	0	0
Dubai Crude Oil (Platts) Average Price Option	AH	AAH	-	AH	NYMEX	Energy	Crude Oil	Asian	Outrights	Options	0	0

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Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
European Low Sulphur Gasoil Calendar (2 month) Spread Option	GXB	GXB	-	GXB	NYMEX	Energy	Refined Products	European	Spreads	Options	0	0
European Low Sulphur Gasoil Calendar (3 month) Spread Option	GXC	GXC	-	GXC	NYMEX	Energy	Refined Products	European	Spreads	Options	0	0
European Low Sulphur Gasoil Calendar (12 month) Spread Option	GXZ	GXZ	-	GXZ	NYMEX	Energy	Refined Products	European	Spreads	Options	0	0
Freight Middle East to Japan (TC5) (Platts) Average Price Option	TCF	TCI	-	TCF	NYMEX	Energy	Freight	Wet	-	Options	0	0
Freight Route Middle East to China (TD3C) (Baltic) Average Price Option	TDT	TDT	-	TDT	NYMEX	Energy	Freight	Wet	-	Options	0	0
Natural Gas Short-Term Option D10	U10	U10	-	U10	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D16	U16	U16	-	U16	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D17	U17	U17	-	U17	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
PJM West Hub 50 MW Same Day Option D02	J02	Z02	-	J02	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D06	J06	Z06	-	J06	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D15	J15	Z15	-	J15	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D25	J25	Z25	-	J25	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D26	J26	Z26	-	J26	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D31	J31	Z31	-	J31	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub RT Real-Time 50 MW Off-Peak Option	N9P	NB9	-	N9P	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Options	0	0
Gasoline Euro-bob Oxy NWE Barges (Argus) Average Price Option	7HO	7HO	-	7HO	NYMEX	Energy	Refined Products	European	Outrights	Options	0	0
PJM Western Hub Real-Time Off-Peak Calendar-Month 50 MW Strip Option	600	600	-	600	NYMEX	Energy	Electricity	PJM	Monthly Off-Peak	Options	0	0
Gold Weekly Friday Option - Week 5	OG5	OG5	-	OG5	COMEX	Metals	Precious	-	-	Options	0	0
Silver Weekly Friday Option - Week 5	SO5	SO5	-	SO5	COMEX	Metals	Precious	-	-	Options	0	0
Crude Oil 2 Year MidCurve Option	LM2	LM2	-	LM2	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Crude Oil 5 Year MidCurve Option	LM5	LM5	-	LM5	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Brent Last Day Financial Weekly Options - Week 2	BW2	BW2	-	BW2	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0

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Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
PJM Western Hub Real-Time Peak Calendar-Month 50 MW Option	PMA	PMA	-	PMA	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures-Style Margined Average Price Option	BCO	BCO	-	BCO	NYMEX	Energy	Refined Products	European	Crack Spreads	Options	0	0
Ethanol T2 FOB Rdam Including Duty (Platts) Average Price Option	Z1O	Z1O	-	Z1O	NYMEX	Energy	Biofuels	European	Outrights	Options	0	0
WCS Cushing (Argus) vs. WTI Trade Month Average Price Option	WNO	WNO	-	WNO	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
LNG Japan/Korea Marker (Platts) Futures-style margined Average Price Option	JFO	JFO	-	JFO	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
UK NBP Natural Gas Calendar Month Option	UKO	UKO	-	UKO	NYMEX	Energy	Natural Gas	European	Outrights	Options	0	0
Gold Weekly Wednesday Option - Week 1	G1W	G1W	-	G1W	COMEX	Metals	Precious	-	-	Options	6,429	0
Copper Weekly Monday Option - Week 4	H4M	H4M	-	H4M	COMEX	Metals	Base	-	-	Options	0	0
Gold Weekly Monday Option - Week 5	G5M	G5M	-	G5M	COMEX	Metals	Precious	-	-	Options	0	0
Crude Oil Wednesday Weekly Option - Week 5	WL5	WL5	-	WL5	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Micro Gold Weekly Wednesday Option - Week 3	3WG	3WG	-	3WG	COMEX	Metals	Precious	-	-	Options	0	0
Micro Gold Weekly Wednesday Option - Week 5	5WG	5WG	-	5WG	COMEX	Metals	Precious	-	-	Options	0	0
Micro Gold Weekly Friday Option - Week 4	4FG	4FG	-	4FG	COMEX	Metals	Precious	-	-	Options	0	0
Micro Henry Hub Natural Gas Option	MNO	MNO	-	MNO	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
D4 Biodiesel RINs (OPIS) vs. D6 Ethanol RINs (OPIS) Average Price Option	R46	R46	-	R46	NYMEX	Energy	Biofuels	North American	Spreads	Options	0	0
Chicago No1 Busheling Ferrous Scrap (Fastmarkets) Option	CHX	CHX	-	CHX	COMEX	Metals	Ferrous	-	-	Options	0	0
Natural Gas Wednesday Weekly Financial Option - Week 1	JN1	JN1	-	JN1	NYMEX	Energy	Natural Gas	North American	Outrights	Options	142	0
NY Harbor ULSD Crack Spread Option	CH	CHY	-	CH	NYMEX	Energy	Refined Products	North American	Crack Spreads	Options	0	0
WTI Crude Oil 6 Month Physical Spread Option	WM	AWM	-	WM	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
Brent Crude Oil 3 Month Spread Option	AC	AC	-	AC	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
NY Harbor ULSD Calendar Spread Option - 2 Month	FB	FB	-	FB	NYMEX	Energy	Refined Products	North American	Spreads	Options	0	0
Natural Gas 3 Month Calendar Spread Option	IC	AIC	-	IC	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0

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Natural Gas 5 Month Calendar Spread Option	IE	IE	-	IE	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Singapore Jet Kerosene (Platts) Average Price Option	N2	AN2	-	N2	NYMEX	Energy	Refined Products	Asian	Outrights	Options	0	0
European 3.5% Fuel Oil Barges FOB Rdam (Platts) Average Price Option	Q6	AQ6	-	Q6	NYMEX	Energy	Refined Products	European	Outrights	Options	0	0
NY Ethanol (Platts) Average Price Option	NVP	NVP	-	NVP	NYMEX	Energy	Biofuels	North American	Outrights	Options	0	0
PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Option	JCL	JAC	-	JCL	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
Freight Route Continent to US Atlantic Coast (TC2) (Baltic) Average Price Option	TCW	TCW	-	TCW	NYMEX	Energy	Freight	Wet	-	Options	0	0
PJM AEP Dayton Hub Peak Calendar-Month LMP 5 MW Option	OT	AOT	-	OT	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
PJM PEPCO Zone Peak Calendar-Month Day-Ahead LMP 5 MW Option	PEP	APE	-	PEP	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
Natural Gas Short-Term Option D12	U12	U12	-	U12	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D20	U20	U20	-	U20	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D25	U25	U25	-	U25	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D26	U26	U26	-	U26	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Natural Gas Short-Term Option D28	U28	U28	-	U28	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
ISO New England Mass Hub Peak LMP 5 MW Calendar Strip Option	NEL	NEG	-	NEL	NYMEX	Energy	Electricity	ISO-NE	Monthly Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D09	J09	Z09	-	J09	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D13	J13	Z13	-	J13	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
PJM West Hub 50 MW Same Day Option D27	J27	Z27	-	J27	NYMEX	Energy	Electricity	PJM	Daily Peak	Options	0	0
Daily Crude Oil Calendar Spread (1 Month) Option	DNM	DNM	-	DNM	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
Copper Average Price Option	CAP	CAP	-	CAP	COMEX	Metals	Base	-	-	Options	0	0
PJM AEP Dayton Hub Peak 50 MW Calendar-Month LMP Option	PJD	JDA	-	PJD	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0
Copper Weekly Friday Option - Week 5	H5E	H5E	-	H5E	COMEX	Metals	Base	-	-	Options	0	0
Natural Gas Weekly Options (American) - Week 4	ON4	ON4	-	ON4	NYMEX	Energy	Natural Gas	-	Outrights	Options	0	0
Brent Last Day Financial Weekly Options - Week 1	BW1	BW1	-	BW1	NYMEX	Energy	Crude Oil	European	Outrights	Options	0	0
PJM Western Hub Real-Time Peak Calendar-Month 5 MW Option	JOA	JOA	-	JOA	NYMEX	Energy	Electricity	PJM	Monthly Peak	Options	0	0

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Product Name	Clearing	Globex	Floor	Clearport	Exchange	Asset Class	Product Group	Category	Sub Category	Cleared As	Volume	Open Interest
Chicago Ethanol (Platts) Calendar Spread Option - Three Month	CE3	CE3	-	CE3	NYMEX	Energy	Biofuels	North American	Spreads	Options	0	0
WTI Houston (Argus) vs. WTI Trade Month Average Price Option	HTO	HTO	-	HTO	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
Mars (Argus) vs. WTI Trade Month Average Price Option	YVO	YVO	-	YVO	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
Micro WTI Crude Oil Weekly Option - Week 3	MW3	MW3	-	MW3	NYMEX	Energy	Crude Oil	North American	Outrights	Options	0	0
Dutch TTF Natural Gas (USD/MMBtu) Futures-Style Margined Average Price Option	TFF	TFF	-	TFF	NYMEX	Energy	Natural Gas	European	-	Options	0	0
Crude Oil Wednesday Weekly Option - Week 1	WL1	WL1	-	WL1	NYMEX	Energy	Crude Oil	North American	Outrights	Options	7,811	0
Micro Gold Weekly Monday Option - Week 5	5MG	5MG	-	5MG	COMEX	Metals	Precious	-	-	Options	0	0
Micro Henry Hub Natural Gas Friday Weekly Option - Week 1	MN1	MN1	-	MN1	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0
Silver Weekly Tuesday Option - Week 1	S1T	S1T	-	S1T	COMEX	Metals	Precious	-	-	Options	0	0
Copper Weekly Tuesday Option - Week 1	H1T	H1T	-	H1T	COMEX	Metals	Base	-	-	Options	0	0
Copper Weekly Tuesday Option - Week 5	H5T	H5T	-	H5T	COMEX	Metals	Base	-	-	Options	0	0
WTI Houston vs. WTI Midland Trade Month Average Price Option	LHN	LHN	-	LHN	NYMEX	Energy	Crude Oil	North American	Spreads	Options	0	0
D3 Cellulosic RINs (OPIS) Average Price Option	RO3	RO3	-	RO3	NYMEX	Energy	Biofuels	North American	-	Options	0	0
Platinum Weekly Friday Option - Week 4	P4L	P4L	-	P4L	NYMEX	Metals	Precious	-	-	Options	0	0
Natural Gas Monday Weekly Financial Option - Week 5	HN5	HN5	-	HN5	NYMEX	Energy	Natural Gas	North American	Outrights	Options	0	0