



CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
Interest Rate Futures					
30-YR BOND	753,132	689,944	9.2%	667,839	12.8%
10-YR NOTE	2,415,707	1,786,095	35.3%	2,206,356	9.5%
5-YR NOTE	2,012,277	1,521,569	32.3%	1,849,811	8.8%
2-YR NOTE	1,014,075	1,010,726	0.3%	940,037	7.9%
FED FUND	289,624	398,118	-27.3%	304,010	-4.7%
10-YR SWAP	0	12,769	-100.0%	0	-
5-YR SWAP	0	13,301	-100.0%	0	-
MINI EURODOLLAR	0	0	-	0	-
EUROYEN	1	0	-	1	0.0%
EURODOLLARS	10,464,530	8,578,074	22.0%	9,677,448	8.1%
5-YR SWAP RATE	33,896	0	-	19,927	70.1%
2-YR SWAP RATE	5,105	0	-	5,445	-6.2%
10-YR SWAP RATE	46,344	0	-	39,967	16.0%
EMINI ED	1	5	-80.0%	1	0.0%
7-YR SWAP	0	0	-	0	-
3-MONTH OIS	0	0	-	0	-
30-YR SWAP	0	28	-100.0%	0	-
1-MONTH EURODOLLAR	819	9,645	-91.5%	1,581	-48.2%
ULTRA T-BOND	489,300	409,642	19.4%	420,049	16.5%
OTR 10-YR NOTE	0	0	-	0	-
OTR 5-YR NOTE	0	0	-	0	-
OTR 2-YR NOTE	0	0	-	0	-
SOVEREIGN YIELD FUTURE	0	0	-	0	-
30-YR SWAP RATE	6,181	0	-	6,115	1.1%
EURO BONDS	0	143	-100.0%	0	-
Interest Rate Options					
30-YR BOND	427,416	325,985	31.1%	352,471	21.3%
10-YR NOTE	1,920,367	1,062,504	80.7%	2,124,042	-9.6%
5-YR NOTE	581,755	471,586	23.4%	1,300,587	-55.3%
2-YR NOTE	15,623	263,997	-94.1%	140,553	-88.9%
FED FUND	14,466	52,696	-72.5%	18,367	-21.2%
FLEX 30-YR BOND	0	800	-100.0%	0	-
FLEX 10-YR NOTE	0	0	-	0	-
FLEX 2-YR NOTE	0	0	-	0	-
EURODOLLARS	8,041,211	6,625,694	21.4%	7,810,035	3.0%
EURO MIDCURVE	14,187,080	7,240,303	95.9%	13,805,445	2.8%
TOMMI MIDCURVE	0	0	-	0	-
EURODOLLAR SPRD OPTIONS	0	0	-	0	-
ULTRA T-BOND	12,533	1,032	1,114.4%	1,587	689.7%
FED FUNDS MIDCURVE	0	0	-	0	-
	7,350	0	-	0	-



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Equity Index Futures					
\$25 DJ	3	0	-	4	-25.0%
DJIA	13,823	15,205	-9.1%	13,563	1.9%
MINI \$5 DOW	135,626	90,296	50.2%	124,155	9.2%
E-MINI S&P500	2,907,085	3,117,384	-6.7%	2,793,416	4.1%
S&P 500	165,412	223,148	-25.9%	165,334	0.0%
S&P 600 SMALLCAP EMINI	20	53	-62.3%	27	-25.9%
E-MINI MSCI EAFE FUT	0	0	-	0	-
E-MINI MSCI	0	0	-	0	-
SPDR-S&P 500	0	0	-	0	-
TRAKRS BXY	0	0	-	0	-
TRAKRS PIMCO	0	0	-	0	-
TRAKRS PIMCO SPTR	0	0	-	0	-
E-MINI MIDCAP	114,191	120,540	-5.3%	109,384	4.4%
S&P 400 MIDCAP	488	3,030	-83.9%	585	-16.6%
S&P 500 GROWTH	111	45	146.7%	111	0.0%
S&P 500/VALUE	128	48	166.7%	126	1.6%
IWM-RUSSELL	0	0	-	0	-
E-MINI NASDAQ 100	412,529	391,770	5.3%	413,989	-0.4%
NASDAQ	9,700	27,910	-65.2%	8,678	11.8%
QQQ-NASDAQ	0	0	-	0	-
NIKKEI 225 (\$) STOCK	70,059	43,549	60.9%	66,999	4.6%
NIKKEI 225 (YEN) STOCK	98,945	51,492	92.2%	82,010	20.6%
S&P FIN SECT INDEX	0	0	-	0	-
DJ US REAL ESTATE	3,393	1,689	100.9%	3,335	1.7%
E-MICRO NIFTY	0	0	-	0	-
E-MINI NIFTY	0	0	-	0	-
S&P CONSUMER DSCRTNRY SE	1,808	997	81.3%	900	100.9%
S&P HEALTH CARE SECTOR	1,220	1,871	-34.8%	1,211	0.7%
S&P UTILITIES SECTOR	1,568	606	158.7%	1,460	7.4%
S&P CONSUMER STAPLES SECT	2,013	1,718	17.2%	1,620	24.3%
S&P TECHNOLOGY SECTOR	2,484	1,510	64.5%	2,075	19.7%
S&P INDUSTRIAL SECTOR	1,107	825	34.2%	1,068	3.7%
S&P FINANCIAL SECTOR	2,082	2,094	-0.6%	2,044	1.9%
S&P ENERGY SECTOR	590	369	59.9%	381	54.9%
S&P MATERIALS SECTOR	531	645	-17.7%	488	8.8%
IBOVESPA INDEX	75	146	-48.6%	69	8.7%
BESPOKE CUSTOM INDEXES	0	0	-	0	-



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Equity Index Options					
DJIA	62	213	-70.9%	52	19.2%
MINI \$5 DOW	22,187	12,458	78.1%	21,225	4.5%
E-MINI S&P500	2,775,975	1,813,534	53.1%	2,856,038	-2.8%
S&P 500	337,462	413,121	-18.3%	380,541	-11.3%
E-MINI MIDCAP	274	9	2,944.4%	231	18.6%
E-MINI NASDAQ 100	72,710	58,325	24.7%	77,885	-6.6%
NASDAQ	92	30	206.7%	102	-9.8%
EOM S&P 500	7,760	8,711	-10.9%	8,067	-3.8%
EOM EMINI S&P	148,520	74,644	99.0%	102,179	45.4%
EOW2 EMINI S&P 500	70,373	22,779	208.9%	107,289	-34.4%
EOW2 S&P 500	9,233	344	2,584.0%	21,613	-57.3%
EOW1 EMINI S&P 500	243,383	96,905	151.2%	169,036	44.0%
EOW1 S&P 500	26,595	4,687	467.4%	33,999	-21.8%
EOW4 EMINI S&P 500	7,177	4,804	49.4%	26,795	-73.2%
Metals Futures					
COMEX COPPER	155,519	141,688	9.8%	157,932	-1.5%
COMEX MINY COPPER	112	103	8.7%	188	-40.4%
COMEX MINY GOLD	530	2,280	-76.8%	1,139	-53.5%
COMEX GOLD	387,611	446,115	-13.1%	391,339	-1.0%
COMEX SILVER	133,205	146,759	-9.2%	120,772	10.3%
E-MINI GOLD	0	0	-	0	-
COMEX MINY SILVER	136	183	-25.7%	188	-27.7%
E-MINI SILVER	3	4	-25.0%	3	0.0%
NYMEX PLATINUM	60,940	61,679	-1.2%	56,971	7.0%
NYMEX HOT ROLLED STEEL	14,619	12,902	13.3%	14,982	-2.4%
PALLADIUM	35,707	23,271	53.4%	38,808	-8.0%
E-MICRO GOLD	1,237	1,994	-38.0%	1,733	-28.6%
NYMEX IRON ORE FUTURES	4,463	3,808	17.2%	3,908	14.2%
VOLATILITY GOLD	0	0	-	0	-
AUSTRIALIAN COKE COAL	64	0	-	18	255.6%
SILVER	1,027	0	-	732	40.3%
COPPER	453	50	806.0%	419	8.1%
FERROUS PRODUCTS	195	447	-56.4%	254	-23.2%
IRON ORE	0	10	-100.0%	0	-
METALS	84	0	-	84	0.0%
Metals Options					
COMEX COPPER	1,936	725	167.0%	2,220	-12.8%
COMEX GOLD	1,366,797	949,708	43.9%	1,619,581	-15.6%
COMEX SILVER	174,004	175,543	-0.9%	244,475	-28.8%
NYMEX PLATINUM	19,849	17,267	15.0%	20,552	-3.4%
NYMEX HOT ROLLED STEEL	1,920	1,075	78.6%	3,150	-39.0%
PALLADIUM	11,295	6,851	64.9%	22,265	-49.3%
IRON ORE CHINA	3,762	11,449	-67.1%	3,378	11.4%
SHORT TERM	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-

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Energy Futures					
ETHANOL FWD	2,431	25,824	-90.6%	4,116	-40.9%
NATURAL GAS PHY	1,261,809	1,168,578	8.0%	1,284,770	-1.8%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	863	865	-0.2%	453	90.5%
GASOLINE UP-DOWN BALMO SW	430	103	317.5%	392	9.7%
FUEL OIL (PLATS) CAR CN	22	84	-73.8%	9	144.4%
FUEL OIL (PLATS) CAR CM	99	189	-47.6%	112	-11.6%
FAME 0 BIODIESEL FOB RTDM S	0	20	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEAD	14,983	10,018	49.6%	11,988	25.0%
ETHANOL T2 FOB ROTT INCL DU	2,836	1,172	142.0%	2,732	3.8%
ETHANOL T1FOB RTDM EX DUTY	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	150	1,225	-87.8%	280	-46.4%
JET AV FUEL (P) CAR FM ICE GA'	67	35	91.4%	24	179.2%
NY JET FUEL (PLATTS) HEAT OIL	2,525	1,700	48.5%	3,350	-24.6%
PROPANE NON-LDH MB (OPIS) B	60	100	-40.0%	0	-
PROPANE NON-LDH MT. BEL (OF	1,462	1,042	40.3%	1,502	-2.7%
N ILLINOIS HUB DAILY	0	0	-	0	-
CINERGY HUB PEAK MONTH	3,842	7,320	-47.5%	4,102	-6.3%
NO 2 UP-DOWN SPREAD CALEN	2,120	2,017	5.1%	2,480	-14.5%
CIN HUB 5MW D AH O PK	233,592	209,856	11.3%	220,680	5.9%
NY 3.0% FUEL OIL (PLATTS	732	89	722.5%	1,186	-38.3%
ARGUS LLS VS. WTI (ARG) T	9,023	9,210	-2.0%	9,599	-6.0%
TRANSCO ZONE 1 NG BASIS	0	64	-100.0%	0	-
SOUTH STAR TEX OKLHM KNS	2,352	2,850	-17.5%	2,610	-9.9%
NYISO ZONE A 5MW D AH PK	45,723	9,315	390.9%	41,770	9.5%
NEPOOL MAINE 5MW D AH PK	123	2,123	-94.2%	192	-35.9%
NEPOOL INTR HUB 5MW D AH	397,682	718,908	-44.7%	421,482	-5.6%
PJM COMED 5MW D AH O PK	160,089	153,942	4.0%	175,129	-8.6%
NYISO ZONE A 5MW D AH O P	663,740	60,675	993.9%	609,354	8.9%
NEPOOL MAINE 5MW D AH O E	2,427	37,176	-93.5%	3,555	-31.7%
CHICAGO UNL GAS PL VS RBO	50	7	614.3%	0	-
PREMIUM UNLEAD 10PPM FOB	181	36	402.8%	63	187.3%
NEW YORK 0.3% FUEL OIL HI	0	0	-	0	-
GASOIL 10P CRG CIF NW VS	15	44	-65.9%	35	-57.1%
GASOIL 0.1 RDAM BRGS VS I	1,775	3,390	-47.6%	2,040	-13.0%
PJM WESTHDA PEAK	51,868	74,253	-30.1%	52,377	-1.0%
PJM PEPCO DA PEAK	1,316	5,017	-73.8%	1,638	-19.7%
PJM DPL DA PEAK	817	4,189	-80.5%	978	-16.5%
PJM DAYTON DA PEAK	14,202	30,842	-54.0%	16,784	-15.4%
PJM WESTH DA OFF-PEAK	799,199	992,241	-19.5%	751,055	6.4%
PJM PPL DA OFF-PEAK	121,164	185,101	-34.5%	129,436	-6.4%
PJM AECO DA OFF-PEAK	187,673	210,584	-10.9%	196,321	-4.4%
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	249	257	-3.1%	284	-12.3%
GASOIL 0.1 CIF VS ICE GAS	0	8	-100.0%	3	-100.0%
GASOIL 0.1 ROTTERDAM BARG	22	138	-84.1%	33	-33.3%
EUROPE NAPHTHA CALSWAP	2,300	3,539	-35.0%	2,674	-14.0%
HENRY HUB SWING FUTURE	0	0	-	0	-
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
BRENT BALMO SWAP	362	647	-44.0%	287	26.1%
TETCO STX NG INDEX SWAP	0	0	-	0	-

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Energy Futures					
TENNESSEE 500 LEG NG INDE	2,920	5,840	-50.0%	3,168	-7.8%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL	2,061	8,070	-74.5%	2,360	-12.7%
MONT BELVIEU ETHYLENE	0	0	-	0	-
ERCOT HOU MCPE50MW OFF	0	0	-	0	-
ERCOT NORTH MCPE50MW PEA	0	0	-	0	-
ERCOT HOU MCPE50MW PEAK	0	0	-	0	-
ERCOT NORTH MCPE50MW OFF	0	0	-	0	-
ERCOT SOUTH MCPE 50MW PE	0	0	-	0	-
MISO 5MW OFF PEAK	8,080	93,472	-91.4%	11,840	-31.8%
MISO 5MW PEAK	410	5,253	-92.2%	640	-35.9%
GULF CO HEAT OIL (ARGUS) VS	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING C	3,211	7,789	-58.8%	4,186	-23.3%
NY JET FUEL (ARGUS) VS HEATII	0	0	-	0	-
N ROCKIES PIPE SWAP	270	0	-	270	0.0%
CARBON EUA EMISSIONS EURO	0	0	0.0%	0	-
GASOIL MINI CALENDAR SWAP	599	1,216	-50.7%	747	-19.8%
BRENT OIL LAST DAY	52,421	28,705	82.6%	66,351	-21.0%
NY HARBOR ULSD DIESEL	0	0	-	0	-
SINGAPORE GASOIL BALMO	500	425	17.6%	468	6.8%
EUROPEAN NAPHTHA BALMO	115	162	-29.0%	268	-57.1%
EURO 3.5% FUEL OIL RDAM B	378	694	-45.5%	387	-2.3%
LLS (ARGUS) CALENDAR SWAP	1,700	264	543.9%	1,950	-12.8%
LA CARB DIESEL (OPIS) SWA	653	1,390	-53.0%	859	-24.0%
JET UP-DOWN(ARGUS) SWAP	0	250	-100.0%	0	-
GASOLINE UP-DOWN (ARGUS)	6	0	-	9	-33.3%
URANIUM	7,310	5,559	31.5%	7,910	-7.6%
GULF COAST ULSD CALENDAR	10,309	20,094	-48.7%	11,101	-7.1%
NY HRBR CONV GASOLINE VS	0	0	-	0	-
CENTERPOINT EAST INDEX	0	0	-	0	-
CENTERPOINT BASIS SWAP	841	5,144	-83.7%	1,199	-29.9%
WTI-BRENT CALENDAR SWAP	96,085	51,959	84.9%	88,257	8.9%
EURO GASOIL 10PPM VS ICE	1,646	1,000	64.6%	1,900	-13.4%
CALENDAR CALENDAR SWAP	46,500	58,424	-20.4%	49,879	-6.8%
MINY HTG OIL	2	3	-33.3%	1	100.0%
FUELOIL SWAP:CARGOES VS.B	4,068	6,518	-37.6%	4,057	0.3%
ILLINOIS OFF-PEAK MONTH S	0	0	-	0	-
MICHIGAN HUB PEAK MONTH S	4	28	-85.7%	6	-33.3%
TD3 MEG TO JAPAN 250K MT	74	1,559	-95.3%	111	-33.3%
TRANSCO ZONE 6 SWING SWAP	0	0	-	0	-
DOMINION TRAN INC - APP I	0	0	-	0	-
TENNESSEE ZONE 0 BASIS SW	0	1,120	-100.0%	0	-
PJM OFF-PEAK LMP SWAP FUT	11,522	20,256	-43.1%	12,816	-10.1%
AEP-DAYTON HUB OFF-PEAK M	7,224	11,705	-38.3%	7,474	-3.3%
AEP-DAYTON HUB DAILY	0	0	-	12	-100.0%
EASTERN RAIL DELIVERY CSX	11,258	9,826	14.6%	11,819	-4.7%
HTG OIL	91	1,211	-92.5%	97	-6.2%
EUROPE 3.5% FUEL OIL MED	27	76	-64.5%	4	575.0%
WAHA INDEX SWAP FUTURE	0	0	-	0	-
EL PASO PERMIAN INDEX SWA	0	0	-	0	-
HEATING OIL PHY	286,127	301,382	-5.1%	278,889	2.6%
PJM MONTHLY	37,685	60,348	-37.6%	37,512	0.5%

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Energy Futures					
NY HARBOR HEAT OIL SWP	15,496	30,980	-50.0%	15,460	0.2%
TCO BASIS SWAP	5,253	17,237	-69.5%	6,013	-12.6%
DOMINION TRANSMISSION INC	19,455	18,346	6.0%	18,317	6.2%
NYISO A	10,515	6,560	60.3%	9,957	5.6%
MINY NATURAL GAS	2,280	2,930	-22.2%	2,602	-12.4%
TRANSCO ZONE 6 BASIS SWAP	3,818	8,629	-55.8%	4,030	-5.3%
NYH NO 2 CRACK SPREAD CAL	31,128	14,765	110.8%	24,502	27.0%
JAPAN C&F NAPHTHA CRACK S	60	270	-77.8%	90	-33.3%
PERMIAN BASIS SWAP	931	8,856	-89.5%	1,163	-19.9%
NY HARBOR RESIDUAL FUEL 1	11,210	17,314	-35.3%	12,753	-12.1%
GULF COAST NO.6 FUEL OIL	54,679	58,245	-6.1%	52,884	3.4%
NGPL MID-CONTINENT	21,789	16,424	32.7%	22,107	-1.4%
NYISO J	7,660	7,150	7.1%	7,084	8.1%
NYISO G	6,855	5,075	35.1%	6,342	8.1%
ARGUS PROPAN(SAUDI ARAMCC	617	632	-2.4%	602	2.5%
JAPAN NAPHTHA BALMO SWAP	157	98	60.2%	33	375.8%
EUROPE JET KERO NWE CALSW	113	123	-8.1%	78	44.9%
JET CIF NWE VS ICE	970	1,148	-15.5%	1,040	-6.7%
RBOB PHY	224,291	272,459	-17.7%	218,769	2.5%
RBOB GAS	525	2,984	-82.4%	488	7.6%
GASOIL 0.1 CIF NWE VS ISE	0	17	-100.0%	5	-100.0%
NY1% VS GC SPREAD SWAP	7,208	11,624	-38.0%	8,259	-12.7%
GULF COAST 3% FUEL OIL BA	1,894	2,373	-20.2%	1,810	4.6%
EUROPE 3.5% FUEL OIL RDAM	10,112	17,985	-43.8%	10,420	-3.0%
FUEL OIL NWE CRACK VS ICE	6,094	6,701	-9.1%	6,862	-11.2%
DIESEL 10P BRG FOB RDM VS	0	8	-100.0%	7	-100.0%
ARGUS BIODIESEL RME FOB R	0	260	-100.0%	0	-
TRANSCO ZONE 6 INDEX	0	0	-	0	-
SONAT BASIS SWAP FUTURE	2,980	4,682	-36.4%	3,100	-3.9%
PANHANDLE SWING FUTURE	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	26,845	44,750	-40.0%	28,176	-4.7%
NGPL MIDCONTINENT INDEX	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	4,685	24,408	-80.8%	5,282	-11.3%
CRUDE OIL PHY	1,634,684	1,555,664	5.1%	1,761,639	-7.2%
CINERGY HUB OFF-PEAK MONT	2,932	4,661	-37.1%	3,112	-5.8%
SAN JUAN INDEX	0	0	-	0	-
TEXAS EASTERN ZONE M-3 SW	0	0	-	0	-
TEXAS GAS ZONE SL BASIS S	0	776	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	0	1,663	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	6,274	7,486	-16.2%	6,694	-6.3%
FLORIDA GAS ZONE3 BASIS S	1,548	3,317	-53.3%	1,636	-5.4%
SINGAPORE NAPHTHA SWAP	1,478	495	198.6%	1,845	-19.9%
SINGAPORE JET KEROSENE SW	8,462	12,693	-33.3%	10,049	-15.8%
SINGAPORE 380CST FUEL OIL	6,107	2,961	106.2%	5,388	13.3%
AEP-DAYTON HUB MTHLY	8,109	12,058	-32.8%	8,543	-5.1%
N ILLINOIS HUB MTHLY	3,962	8,350	-52.6%	3,955	0.2%
ISO NEW ENGLAND OFF-PEAK	5,406	11,228	-51.9%	5,946	-9.1%
NYISO G OFF-PEAK	3,211	3,078	4.3%	3,062	4.9%
NYISO A OFF-PEAK	4,548	3,286	38.4%	4,638	-1.9%
TC2 ROTTERDAM TO USAC 37K	100	75	33.3%	135	-25.9%
TD5 WEST AFRICA TO USAC 1	0	60	-100.0%	0	-
TC4 SINGAPORE TO JAPAN 30	0	0	-	0	-

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Energy Futures					
EUROPE DATED BRENT SWAP	5,271	7,247	-27.3%	3,758	40.3%
WESTERN RAIL DELIVERY PRB	13,263	19,005	-30.2%	14,681	-9.7%
NATURAL GAS PEN SWP	761,631	949,882	-19.8%	813,420	-6.4%
SINGAPORE GASOIL VS ICE	16,847	27,035	-37.7%	18,471	-8.8%
JET BARGES VS ICE GASOIL	5	42	-88.1%	5	0.0%
SOCAL PIPE SWAP	4,740	15,472	-69.4%	5,100	-7.1%
TEXAS GAS ZONE 1 NAT GAS	0	0	-	0	-
ONEOK OKLAHOMA NAT GAS IN	0	0	-	0	-
SINGAPORE 180CST BALMO	182	175	4.0%	171	6.4%
MONT BELVIEU LDH PROPANE 5	23,146	33,081	-30.0%	23,702	-2.3%
MONT BELVIEU ETHANE 5 DECIM	8,680	6,489	33.8%	9,503	-8.7%
MONT BELVIEU NORMAL BUTAN	16,646	8,301	100.5%	17,248	-3.5%
WAHA BASIS	4,615	13,667	-66.2%	5,659	-18.4%
PREM UNL GAS 10PPM RDAM FC	54	383	-85.9%	106	-49.1%
PREM UNL GAS 10PPM RDAM FC	10	1	900.0%	0	-
HOUSTON SHIP CHANNEL SWIN	0	0	-	0	-
HENRY HUB SWAP	2,401,572	2,455,652	-2.2%	2,527,942	-5.0%
HENRY HUB BASIS SWAP	15,976	25,310	-36.9%	15,440	3.5%
CHICAGO SWING FUTURE	0	0	-	0	-
CHICAGO BASIS SWAP	124	2,316	-94.6%	244	-49.2%
CHICAGO ETHANOL SWAP	36,193	24,058	50.4%	30,672	18.0%
PJM WESTH RT OFF-PEAK	1,811,486	1,170,898	54.7%	1,848,504	-2.0%
PJM JCPL DA OFF-PEAK	23,400	16,320	43.4%	23,400	0.0%
PJM DAYTON DA OFF-PEAK	183,534	427,872	-57.1%	222,318	-17.4%
PJM AD HUB 5MW REAL TIME	1,319,420	525,046	151.3%	1,281,224	3.0%
NEPOOL SE MASS 5MW D AH P	584	2,665	-78.1%	768	-24.0%
ISO NEW ENGLAND PK LMP	7,175	14,655	-51.0%	7,803	-8.0%
CRUDE OIL	30,266	71,005	-57.4%	41,750	-27.5%
EUROPEAN NAPHTHA CRACK SPF	12,613	21,715	-41.9%	11,212	12.5%
GASOIL CRACK SPREAD CALEN	29,052	20,318	43.0%	30,566	-5.0%
ICE BRENT DUBAI SWAP	3,520	6,043	-41.8%	3,275	7.5%
BRENT FINANCIAL FUTURES	18,858	53,929	-65.0%	25,187	-25.1%
DEMARC SWING SWAP	0	0	-	0	-
GASOIL CALENDAR SWAP	1,109	2,782	-60.1%	1,125	-1.4%
EURO 3.5% FUEL OIL SPREAD	946	613	54.3%	432	119.0%
ILLINOIS HUB PEAK MONTH S	0	0	-	0	-
MICHIGAN HUB OFF-PEAK MON	4	28	-85.7%	6	-33.3%
NYMEX ALUMINUM FUTURES	0	0	-	0	-
NY HARBOR RESIDUAL FUEL C	35	0	-	35	0.0%
LOS ANGELES CARB GASOLINE	0	62	-100.0%	0	-
GULF COAST JET VS NYM 2 H	50,522	11,297	347.2%	53,127	-4.9%
SOCAL BASIS SWAP	6,033	11,728	-48.6%	6,407	-5.8%
SAN JUAN BASIS SWAP	3,771	9,652	-60.9%	4,125	-8.6%
EUROPE 1% FUEL OIL RDAM C	332	544	-39.0%	212	56.6%
EUROPE JET KERO RDAM CALS	0	2	-100.0%	0	-
GULF COAST HEATING OIL CL	0	0	-	0	-
GULF COAST GASOLINE CLNDR	170	1,025	-83.4%	277	-38.6%
DOW JONES MID-COLUMBIA FU	0	0	-	0	-
Transco Zone 3 Basis	7,914	4,710	68.0%	4,079	94.0%
Tetco STX Basis	694	1,418	-51.1%	740	-6.2%
COLUMBIA GULF ONSHORE	15,695	17,103	-8.2%	15,695	0.0%
PJM DAILY	0	0	-	0	-

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Energy Futures					
CIG BASIS	7,867	10,157	-22.5%	8,407	-6.4%
NORTHEN NATURAL GAS VENTL	3,139	9,958	-68.5%	3,843	-18.3%
PGE&E CITYGATE	1,488	1,858	-19.9%	1,488	0.0%
TEXAS EASTERN ZONE M-3 BA	5,918	7,406	-20.1%	4,442	33.2%
MICHIGAN BASIS	3,668	13,919	-73.6%	4,090	-10.3%
ANR OKLAHOMA	14,602	17,251	-15.4%	14,962	-2.4%
LA JET FUEL VS NYM NO 2 H	1,407	50	2,714.0%	1,857	-24.2%
RBOB UP-DOWN CALENDAR SW	16,479	15,710	4.9%	13,320	23.7%
RBOB CALENDAR SWAP	14,284	18,971	-24.7%	15,928	-10.3%
MINY RBOB GAS	0	0	-	0	-
GAS EURO-BOB OXY NWE BARG	5,055	4,937	2.4%	4,803	5.2%
GAS EURO-BOB OXY NWE BARG	30,243	28,103	7.6%	29,890	1.2%
PETRO OUTRIGHT EURO	20,335	12,864	58.1%	20,153	0.9%
DATED BRENT (PLATTS) DAILY S	0	1,200	-100.0%	0	-
OPIS PHYSICAL ETHANE	0	0	-	0	-
OPIS PHYSICAL NATURAL GASO	0	25	-100.0%	0	-
OPIS PHYSICAL NORMAL BUTAN	0	40	-100.0%	0	-
OPIS PHYSICAL NONLDH PROP	0	0	-	0	-
OPIS PHYSICAL LDH PROPANE	0	0	-	0	-
LA CARBOB GASOLINE(OPIS)S	175	405	-56.8%	900	-80.6%
EURO PROPANE CIF ARA SWA	956	1,147	-16.7%	973	-1.7%
GASOIL BULLET SWAP	0	0	-	0	-
NEW YORK ETHANOL SWAP	600	1,322	-54.6%	1,114	-46.1%
LA CARB DIESEL (OPIS)	213	462	-53.9%	156	36.5%
DEMARC INDEX FUTURE	0	0	-	0	-
WTI CALENDAR	161,121	179,276	-10.1%	164,763	-2.2%
APPALACHIAN COAL (PHY)	5,745	7,725	-25.6%	5,925	-3.0%
ROCKIES KERN OPAL - NW IN	0	480	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	0	20	-100.0%	0	-
HOUSTON SHIP CHANNEL INDE	200	348	-42.5%	216	-7.4%
NORTHEN NATURAL GAS DEMA	20	2,352	-99.1%	40	-50.0%
TENNESSEE 500 LEG BASIS S	0	320	-100.0%	0	-
EAST/WEST FUEL OIL SPREAD	3,367	9,738	-65.4%	3,615	-6.9%
NYISO J OFF-PEAK	1,532	2,410	-36.4%	1,520	0.8%
TC5 RAS TANURA TO YOKOHAM	210	181	16.0%	290	-27.6%
WTI-BRENT BULLET SWAP	8,285	2,210	274.9%	6,764	22.5%
EURO GASOIL 10 CAL SWAP	144	53	171.7%	210	-31.4%
HENRY HUB INDEX SWAP FUTU	9,136	25,454	-64.1%	18,312	-50.1%
Sumas Basis Swap	7,540	7,630	-1.2%	7,496	0.6%
RBOB CRACK SPREAD	9,368	4,391	113.3%	5,172	81.1%
CIN HUB 5MW D AH PK	14,783	5,556	166.1%	13,773	7.3%
TEXAS GAS ZONE1 NG BASIS	2,420	31	7,706.5%	2,420	0.0%
SINGAPORE GASOIL SWAP	10,185	14,338	-29.0%	11,678	-12.8%
GULF COAST JET FUEL CLNDR	4,079	8,705	-53.1%	5,103	-20.1%
ULSD 10PPM CIF MED VS ICE	332	518	-35.9%	440	-24.5%
TENNESSEE ZONE 0 NG SWIN	0	0	-	0	-
PJM BGE DA OFF-PEAK	57,865	49,136	17.8%	58,993	-1.9%
SINGAPORE 380CST BALMO	69	118	-41.5%	167	-58.7%
LTD NAT GAS	390,062	122,339	218.8%	394,874	-1.2%
NORTHWEST ROCKIES BASIS S	13,261	37,781	-64.9%	18,621	-28.8%
MALIN	0	0	-	0	-
ULSD UP-DOWN(ARGUS) SWAP	0	70	-100.0%	0	-

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Energy Futures					
SING FUEL	15	0	-	40	-62.5%
CIN HUB 5MW REAL TIME O P	454,880	242,976	87.2%	434,792	4.6%
NYISO ZONE C 5MW D AH PK	2,913	4,040	-27.9%	3,626	-19.7%
NEPOOL NE MASS 5MW D AH O	79,209	222,942	-64.5%	85,601	-7.5%
NEPOOL NE MASS 5MW D AH P	4,476	13,420	-66.6%	4,982	-10.2%
NEPOOL SE MASS 5MW D AH O	11,136	47,767	-76.7%	14,144	-21.3%
NEPOOL CNCTCT 5MW D AH O	14,175	60,904	-76.7%	14,175	0.0%
NEPOOL CONECTIC 5MW D AH	1,230	3,851	-68.1%	1,230	0.0%
NEPOOL W CNT MASS 5MW D A	68,910	103,366	-33.3%	76,430	-9.8%
PJM COMED 5MW D AH PK	8,641	8,830	-2.1%	9,561	-9.6%
NYISO ZONE J 5MW D AH O P	344,879	101,941	238.3%	351,863	-2.0%
NYISO ZONE J 5MW D AH PK	23,041	12,940	78.1%	23,722	-2.9%
PJM NI HUB 5MW REAL TIME	949,831	952,724	-0.3%	989,953	-4.1%
NYISO ZONE C 5MW D AH O P	46,307	64,424	-28.1%	50,443	-8.2%
ONEOK OKLAHOMA NG BASIS	1,215	2,264	-46.3%	1,017	19.5%
TRANSCO ZONE 2 NG BASIS	0	0	-	0	-
TEXAS EAST W LOUISIANA NG	0	732	-100.0%	0	-
COLUMB GULF MAINLINE NG B	8,923	12,825	-30.4%	9,103	-2.0%
PANHANDLE PIPE SWAP	0	0	-	0	-
NGPL STX NAT GAS INDEX SW	0	244	-100.0%	0	-
TRANSCO ZONE 2 NAT GAS IN	0	0	-	0	-
TEXAS GAS ZONE SL NAT GAS	0	0	-	0	-
TEXAS EAST WLA NAT GAS IN	0	0	-	0	-
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-
ELEC MISO PEAK	6,295	3,854	63.3%	6,580	-4.3%
ELEC NYISO OFF-PEAK	104,882	56,856	84.5%	96,953	8.2%
WTS (ARGUS) VS WTI SWAP	8,441	250	3,276.4%	8,971	-5.9%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
BRENT CFD(PLATTS) VS FRNT	0	20	-100.0%	0	-
NY 0.7% FUEL OIL (PLATTS	0	0	-	0	-
NY 2.2% FUEL OIL (PLATTS	0	184	-100.0%	0	-
EIA FLAT TAX ONHWAY DIESE	4,673	2,674	74.8%	4,369	7.0%
NGPL STX BASIS	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	700	50	1,300.0%	1,470	-52.4%
ULSD UP-DOWN BALMO SWP	1,445	2,625	-45.0%	3,425	-57.8%
EUROPEAN GASOIL (ICE)	511	3,300	-84.5%	511	0.0%
CRUDE OIL LAST DAY	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	672,986	200,114	236.3%	594,266	13.2%
PJM PEPKO DA OFF-PEAK	4,045	43,249	-90.6%	5,925	-31.7%
NY H OIL PLATTS VS NYMEX	5,724	0	-	5,759	-0.6%
GASOIL 10PPM VS ICE SWAP	834	967	-13.8%	866	-3.7%
NY HARBOR 1% FUEL OIL BAL	125	234	-46.6%	300	-58.3%
LA JET (OPIS) SWAP	1,500	550	172.7%	875	71.4%
PJM AECO DA PEAK	10,148	11,407	-11.0%	10,677	-5.0%
PREMIUM UNLD 10PPM CARGOE	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	2	14	-85.7%	10	-80.0%
TETCO M-3 INDEX	0	0	-	0	-
TRUNKLINE LA BASIS SWAP	0	0	-	0	-
SINGAPORE JET KERO GASOIL	10,786	15,139	-28.8%	12,694	-15.0%
SINGAPORE FUEL OIL SPREAD	2,720	3,583	-24.1%	3,173	-14.3%
NORTHERN ILLINOIS OFF-PEA	5,214	8,428	-38.1%	5,573	-6.4%
NEW YORK HUB ZONE G PEAK	77	50	54.0%	0	-

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Energy Futures					
SINGAPORE FUEL 180CST CAL	7,278	9,709	-25.0%	7,453	-2.3%
EUROPE 1% FUEL OIL NWE CA	1,060	2,158	-50.9%	830	27.7%
Tetco ELA Basis	0	0	-	0	-
POLYETHYLENE FUTURES	0	98	-100.0%	0	-
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-
GASOIL 0.1 CIF NW BALMO S	0	0	-	0	-
JET FUEL CARGOES CIF NEW	0	0	-	0	-
ICE GASOIL BALMO SWAP	0	20	-100.0%	0	-
ULSD 10PPM CIF MED SWAP	9	10	-10.0%	0	-
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-
CIG ROCKIES NG SWING	0	0	-	0	-
MICHCON NG SWING	0	0	-	0	-
TENNESSEE 500 LEG NG SWIN	0	0	-	0	-
TCO NG SWING	0	0	-	0	-
MICHCON NG INDEX SWAP	0	0	-	186	-100.0%
TRANSCO ZONE 3 NG INDEX S	0	0	-	0	-
TENNESSEE ZONE 0 NG INDE	0	600	-100.0%	0	-
TCO NG INDEX SWAP	0	0	-	0	-
ALGONQUIN CITYGATES BASIS	2,889	1,998	44.6%	838	244.7%
PJM WESTH RT PEAK	100,448	58,071	73.0%	94,123	6.7%
PJM PSEG DA OFF-PEAK	164,417	391,787	-58.0%	179,081	-8.2%
PJM PSEG DA PEAK	8,889	22,558	-60.6%	9,809	-9.4%
PJM PPL DA PEAK	8,769	13,517	-35.1%	9,896	-11.4%
PJM JCPL DA PEAK	3,280	4,357	-24.7%	3,395	-3.4%
PJM EASTERNH DA OFF-PEAK	0	0	-	0	-
PJM EASTERNH DA PEAK	205	1,275	-83.9%	320	-35.9%
PJM DPL DA OFF-PEAK	14,489	72,489	-80.0%	16,745	-13.5%
PJM BGE DA PEAK	5,396	7,243	-25.5%	5,580	-3.3%
JET FUEL BRG FOB RDM VS I	0	0	-	8	-100.0%
DATED TO FRONTLINE BRENT	11,152	9,138	22.0%	12,459	-10.5%
NEPOOL W CNTR M 5MW D AH	4,183	7,304	-42.7%	4,758	-12.1%
TENNESSEE 800 LEG NG BASI	3,509	6,580	-46.7%	4,379	-19.9%
UP DOWN GC ULSD VS NMX HO	77,043	41,317	86.5%	81,233	-5.2%
USGC UNL 87 CRACK SPREAD	1,360	2,685	-49.3%	1,010	34.7%
GULF COAST ULSD CRACK SPR	22,541	22,732	-0.8%	21,669	4.0%
NYMEX ULSD VS NYMEX HO	0	119	-100.0%	0	-
RBOB VS HEATING OIL SWAP	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	58,503	18,974	208.3%	54,456	7.4%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	15	-100.0%
ULSD 10PPM CIF VS ICE GAS	0	32	-100.0%	30	-100.0%
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
ARGUS PROPAN FAR EST INDE	409	544	-24.8%	490	-16.5%
3.5% FUEL OIL CID MED SWA	7	0	-	4	75.0%
JET FUEL CRG CIF NEW VS I	10	9	11.1%	8	25.0%
BRENT CFD SWAP	0	969	-100.0%	0	-
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	619	554	11.7%	602	2.8%
EURO 1% FUEL OIL NEW BALM	40	51	-21.6%	5	700.0%
DUBAI CRUDE OIL BALMO	0	0	-	0	-
SINGAPORE JET KERO BALMO	50	100	-50.0%	0	-
WTS (ARGUS) VS WTI TRD MT	5,842	4,881	19.7%	6,167	-5.3%
MARS (ARGUS) VS WTI TRD M	279	2,368	-88.2%	367	-24.0%

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Energy Futures					
MARS (ARGUS) VS WTI SWAP	12,130	562	2,058.4%	11,340	7.0%
NY HARBOR 0.3% FUEL OIL S	0	0	-	0	-
GASOIL 0.1 CARGOES CIF NE	0	0	-	0	-
NATURAL GAS	36,259	15,714	130.7%	32,036	13.2%
DAWN BASIS SWAP FUTURE	0	0	-	0	-
VENTURA INDEX FUTURE	0	0	-	0	-
NGPL TEXOK INDEX	0	248	-100.0%	0	-
FUEL OIL CRACK VS ICE	32,646	69,815	-53.2%	37,288	-12.4%
HEATING OIL VS ICE GASOIL	14,180	10,635	33.3%	13,746	3.2%
HOUSTON SHIP CHANNEL BASI	4,196	25,437	-83.5%	5,483	-23.5%
CARBON CER EURO	0	0	0.0%	0	-
LLS (ARGUS) VS WTI SWAP	43,924	13,596	223.1%	46,493	-5.5%
JAPAN C&F NAPHTHA SWAP	1,577	2,840	-44.5%	1,614	-2.3%
MINY WTI CRUDE OIL	5,998	5,592	7.3%	4,663	28.6%
CIN HUB 5MW REAL TIME PK	39,098	17,873	118.8%	24,347	60.6%
PJM NILL DA PEAK	27,898	57,512	-51.5%	29,589	-5.7%
PANHANDLE INDEX SWAP FUTU	0	488	-100.0%	0	-
PJM NILL DA OFF-PEAK	603,021	879,141	-31.4%	627,942	-4.0%
PETROCHEMICALS	7,738	8,935	-13.4%	8,414	-8.0%
IN DELIVERY MONTH CER	0	7,597	-100.0%	0	-
IN DELIVERY MONTH EUA	172,050	107,858	59.5%	171,564	0.3%
DIESEL 10PPM NWE LE HAVRE C	0	0	-	0	-
MONT BELVIEU NORMAL BUTAN	109	112	-2.7%	117	-6.8%
MONT BELVIEU NATURAL GASOI	200	0	-	364	-45.1%
CONWAY NORMAL BUTANE (OPI	399	417	-4.3%	393	1.5%
CONWAY PROPANE 5 DECIMALS	2,441	4,789	-49.0%	2,449	-0.3%
MONT BELVIEU NATURAL GASOI	6,623	10,404	-36.3%	7,501	-11.7%
CONWAY NATURAL GASOLINE (C	166	528	-68.6%	165	0.6%
MONT BELVIEU LDH PROPANE C	50	472	-89.4%	344	-85.5%
MONT BELVIEU ETHANE OPIS B/	0	25	-100.0%	0	-
SINGAPORE JET KERO VS. GASC	300	0	-	50	500.0%
ERCOT HOUSTON Z MCPE 5MW	0	264	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW PEAF	18,500	12,272	50.7%	17,685	4.6%
ERCOT NORTH ZMCPE 5MW OFF	302,283	111,685	170.7%	239,195	26.4%
CINERGY HUB PEAK DAILY FU	0	0	-	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-
PJM DUQUESNE 5MW D AH PK	296	551	-46.3%	319	-7.2%
PJM DUQUS 5MW D AH O PK	5,489	10,169	-46.0%	5,865	-6.4%
CO2 VINTAGE	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	12,476	4,276	191.8%	13,189	-5.4%
GRP THREE UNL GS (PLT) VS	16	2,752	-99.4%	44	-63.6%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	2,059	172	1,097.1%	2,229	-7.6%
GC JET (ARGUS) CAL SWAP	0	0	-	0	-
LL JET (OPIS) SWAP	0	0	-	0	-
PETRO CRK&SPRD EURO	13,289	9,455	40.5%	10,732	23.8%
CRUDE OIL OUTRIGHTS	17,952	19,409	-7.5%	17,656	1.7%
PJM WES HUB PEAK LMP 50 M	256	256	0.0%	256	0.0%
GC ULSD ARGUS CAL SWAP	0	0	-	0	-
FREIGHT MARKETS	0	30	-100.0%	0	-
MCCLOSKEY ARA ARGS COAL	83,584	28,391	194.4%	75,355	10.9%

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Energy Futures					
MNC FUT	4,344	871	398.7%	4,111	5.7%
MCCLOSKEY RCH BAY COAL	33,925	12,320	175.4%	32,206	5.3%
CRUDE OIL SPRDS	20	2,293	-99.1%	30	-33.3%
ELEC FINSETTLED	2,943	7,160	-58.9%	2,966	-0.8%
ELECTRICITY OFF PEAK	85,644	262,770	-67.4%	89,780	-4.6%
PETRO OUTRIGHT NA	10,490	3,289	218.9%	8,629	21.6%
ALGON CITY GATES NAT GAS	0	0	-	0	-
NEPOOL NEW HAMP 5MW D AH	14,090	28,925	-51.3%	16,085	-12.4%
GULF CST GASOL CRCK SPRD	0	0	-	0	-
PJM APS ZONE DA OFF-PEAK	42,144	10,810	289.9%	42,144	0.0%
NAT GAS BASIS SWAP	8,764	0	-	4,708	86.2%
RBOB SPREAD (PLATTS) SWAP	75	0	-	80	-6.3%
NGPL TEX/OK	19,655	12,927	52.0%	20,166	-2.5%
NEPOOL RHD ISLD 5MW D AH	3,866	1,362	183.8%	1,339	188.7%
ANR LA NAT GAS INDEX SWAP	0	248	-100.0%	0	-
HEATING OIL BALMO CLNDR S	0	0	-	180	-100.0%
PJM APS ZONE DA PEAK	2,298	854	169.1%	2,298	0.0%
SINGAPORE GASOIL CALENDAR	80	0	-	80	0.0%
GC ULSD VS GC JET SPREAD	300	0	-	300	0.0%
ELEC ERCOT OFF PEAK	396,381	262,597	50.9%	384,789	3.0%
ELEC ERCOT DLY PEAK	16,073	12,071	33.2%	16,319	-1.5%
PETROLEUM PRODUCTS ASIA	3,776	903	318.2%	3,156	19.6%
PETRO CRCKS & SPRDS NA	64,556	60,845	6.1%	61,888	4.3%
SINGAPORE GASOIL	6,565	3,215	104.2%	6,812	-3.6%
ONTARIO POWER SWAPS	194,079	8,180	2,272.6%	190,253	2.0%
PLASTICS	855	721	18.6%	980	-12.8%
DAILY EUA	0	0	-	0	-
NYMEX OMAN CRUDE PRODUCT	0	0	-	0	-
ALBERTA ELECTRICITY	0	0	-	0	-
MJC FUT	972	408	138.2%	1,006	-3.4%
TENN 800 LEG NAT GAS INDE	5,289	4,356	21.4%	5,134	3.0%
NEPOOL RHODE IL 5MW D AH	70,639	26,523	166.3%	24,585	187.3%
PREMIUM UNLEAD 10PPM C NW	0	0	-	0	-
ALGONQUIN CITY-GATES NAT	0	0	-	0	-
HEATING OIL LAST DAY	0	4	-100.0%	0	-
PETROLEUM PRODUCTS	1,532	230	566.1%	561	173.1%
PJM ATSI ELEC	5,766	9,900	-41.8%	6,564	-12.2%
COAL SWAP	1,650	275	500.0%	1,080	52.8%
MGN1 SWAP FUT	697	10	6,870.0%	662	5.3%
PETRO CRCKS & SPRDS ASIA	647	1,945	-66.7%	477	35.6%
INDIANA MISO	154,544	226,539	-31.8%	159,671	-3.2%
MICHIGAN MISO	108,462	410	26,354.1%	83,945	29.2%
NYISO CAPACITY	1,023	696	47.0%	903	13.3%
TRANSCO ZONE 1 NAT GAS IN	0	0	-	62	-100.0%
GROUP THREE ULSD (PLATTS)	1,195	6,411	-81.4%	1,615	-26.0%
EURO-DENOMINATED PETRO PF	224	144	55.6%	204	9.8%
EMC FUTURE	50	0	-	0	-
DAILY PJM	0	400	-100.0%	30	-100.0%
EMMISSIONS	655	1,455	-55.0%	655	0.0%
UCM FUT	115	0	-	76	51.3%
INDONESIAN COAL	1,070	350	205.7%	830	28.9%

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Energy Futures					
NEW YORK HUB ZONE J PEAK	77	0	-	0	-
DLY GAS EURO-BOB OXY	0	0	-	0	-
NATURAL GAS INDEX	248	0	-	0	-
NCN FUT	0	0	-	0	-
BRENT OIL	0	0	-	0	-
POLYPROPYLENE FUTURES	0	4	-100.0%	0	-
MGF FUT	0	5	-100.0%	0	-
CHICAGO ULSD (PLATTS) SWA	0	60	-100.0%	0	-
3.5% FUEL OIL CIF BALMO S	2	0	-	0	-
	50	0	-	0	-
Energy Options					
ETHANOL FWD	0	460	-100.0%	0	-
IN DELIVERY MONTH CER OPTIC	0	9,600	-100.0%	0	-
EUROPEAN JET KEROSENE NWE	136	89	52.8%	145	-6.2%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
NATURAL GAS PHY	5,099,663	5,515,039	-7.5%	5,151,788	-1.0%
CINERGY HUB PEAK MONTH	0	4,840	-100.0%	240	-100.0%
NATURAL GAS 3 M CSO FIN	18,650	26,400	-29.4%	11,450	62.9%
NATURAL GAS 1 M CSO FIN	271,069	155,351	74.5%	256,766	5.6%
WTI CRUDE OIL 1 M CSO FI	56,650	26,900	110.6%	92,625	-38.8%
SINGAPORE JET FUEL CALEND	6,576	10,551	-37.7%	8,349	-21.2%
ROTTERDAM 3.5%FUEL OIL CL	8,376	9,200	-9.0%	8,233	1.7%
NYMEX EUROPEAN GASOIL APO	314	1,082	-71.0%	354	-11.3%
N ROCKIES PIPE SWAP	19,591	30,219	-35.2%	20,371	-3.8%
BRENT OIL LAST DAY	94,996	80,403	18.1%	124,621	-23.8%
SAN JUAN PIPE SWAP	6,520	8,854	-26.4%	6,560	-0.6%
BRENT CALENDAR SWAP	281,712	310,564	-9.3%	279,915	0.6%
HEATING OIL PHY	52,644	55,449	-5.1%	87,467	-39.8%
PJM MONTHLY	2,688	20,622	-87.0%	4,250	-36.8%
NY HARBOR HEAT OIL SWP	65,030	90,357	-28.0%	64,262	1.2%
NG HH 3 MONTH CAL	0	0	-	0	-
NATURAL GAS 1MO	0	0	-	0	-
RBOB PHY	30,910	20,514	50.7%	36,176	-14.6%
RBOB 1MO CAL SPD OPTIONS	200	1,600	-87.5%	200	0.0%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-
PGE CITYGATE PIPE SWAP	12,000	12,000	0.0%	12,000	0.0%
CRUDE OIL PHY	2,186,443	2,801,797	-22.0%	2,996,965	-27.0%
WTI 12 MONTH CALENDAR OPT	0	0	-	8,300	-100.0%
WTI 6 MONTH CALENDAR OPTI	0	0	-	1,050	-100.0%
CRUDE OIL 1MO	254,370	267,475	-4.9%	257,995	-1.4%
AEP-DAYTON HUB MTHLY	0	0	0.0%	0	-
N ILLINOIS HUB MTHLY	0	40	-100.0%	0	-
SOCAL PIPE SWAP	40,640	83,463	-51.3%	43,360	-6.3%
PANHANDLE BASIS	0	0	-	0	-
HENRY HUB FINANCIAL LAST	20,167	2,284	783.0%	20,393	-1.1%
ISO NEW ENGLAND PK LMP	810	15,100	-94.6%	1,710	-52.6%
HO 1 MONTH CLNDR OPTIONS	0	700	-100.0%	0	0.0%
HEATING OIL CRACK OPTIONS	0	0	-	0	-
CRUDE OIL APO	618,036	1,015,698	-39.2%	673,850	-8.3%

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Energy Options					
RBOB CALENDAR SWAP	12,250	4,922	148.9%	10,921	12.2%
NW PIPELINE ROCKIES BASIS	0	0	-	0	-
PETRO OUTRIGHT EURO	1,069	252	324.2%	1,161	-7.9%
IN DELIVERY MONTH EUA OPTIC	3,000	14,500	-79.3%	3,000	0.0%
RBOB CRACK	0	0	-	0	-
WTI-BRENT BULLET SWAP	73,346	22,850	221.0%	123,695	-40.7%
PANHANDLE PIPE SWAP	2,140	27,844	-92.3%	4,280	-50.0%
NATURAL GAS OPTION ON CALE	29,891	32,411	-7.8%	29,831	0.2%
ELEC MISO PEAK	400	760	-47.4%	400	0.0%
CENTRAL APPALACHIAN COAL	0	0	-	0	-
NATURAL GAS SUMMER STRIP	60	2,800	-97.9%	60	0.0%
SINGAPORE FUEL OIL 180 CS	710	762	-6.8%	770	-7.8%
NYISO ZONE G 5MW PEAK OPTIC	0	0	-	0	-
PETROCHEMICALS	25,234	16,080	56.9%	24,641	2.4%
SOCAL BASIS OPTION	0	0	-	0	-
NATURAL GAS OPT	0	0	-	0	-
PJM CALENDAR STRIP	18,200	29,260	-37.8%	17,440	4.4%
APPALACHIAN COAL	230	750	-69.3%	230	0.0%
CRUDE OIL OUTRIGHTS	9,672	7,410	30.5%	9,605	0.7%
NATURAL GAS WINTER STRIP	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	6,570	1,575	317.1%	2,070	217.4%
MCCLOSKEY RCH BAY COAL	1,540	750	105.3%	940	63.8%
CRUDE OIL SPRDS	0	0	-	0	-
ELEC FINSETTLED	2,173	6,306	-65.5%	2,604	-16.6%
PETRO OUTRIGHT NA	0	6	-100.0%	0	-
TRANSCO ZONE 6 PIPE SWAP	0	0	-	0	-
NATURAL GAS 5 M CSO FIN	3,000	0	-	3,000	0.0%
BRENT CRUDE OIL 1 M CSO	0	0	-	0	-
NAT GAS BASIS SWAP	0	0	-	0	-
HEATING OIL CRK SPD AVG PRIC	0	325	-100.0%	0	-
NATURAL GAS 2 M CSO FIN	1,900	0	-	1,900	0.0%
BRENT 1 MONTH CAL	0	1,500	-100.0%	0	-
CRUDE OIL CALNDR STRIP	50	25	100.0%	0	-
SINGAPORE GASOIL CALENDAR	100	2,020	-95.0%	150	-33.3%
ETHANOL SWAP	18,267	2,315	689.1%	22,061	-17.2%
NATURAL GAS 6 M CSO FIN	21,200	34,915	-39.3%	11,100	91.0%
HO 6 MONTH CAL	0	0	-	0	-
GASOIL CRACK SPREAD AVG PF	1,850	699	164.7%	2,025	-8.6%
RBOB 3 MONTH CALENDAR SPR	0	0	-	0	-
SHORT TERM NATURAL GAS	0	1,200	-100.0%	50	-100.0%
SHORT TERM	0	0	-	0	-
COAL SWAP	2,385	555	329.7%	2,385	0.0%
COAL API2 INDEX	425	0	0.0%	425	0.0%
EURO-DENOMINATED PETRO PF	360	20	1,700.0%	0	-
DAILY PJM	0	0	-	0	-
COAL API4 INDEX	25	115	-78.3%	25	0.0%
RBOB CRACK SPREAD AVG PRIC	0	225	-100.0%	0	-
SHORT TERM CRUDE OIL	0	0	-	0	-
RBOB 6 MONTH CALENDAR SPR	0	0	-	0	-
WTI CRUDE OIL 6 M CSO FI	0	0	-	0	-
NATURAL GAS 12 M CSO FIN	0	0	-	0	-
DAILY CRUDE OIL	0	0	-	0	0.0%

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FX Futures					
AUSTRALIAN DOLLAR	114,242	197,545	-42.2%	130,172	-12.2%
BRITISH POUND	230,367	161,157	42.9%	179,855	28.1%
BRAZIL REAL	13,040	35,674	-63.4%	19,935	-34.6%
CANADIAN DOLLAR	142,930	168,987	-15.4%	117,154	22.0%
E-MINI EURO FX	5,264	6,132	-14.2%	5,392	-2.4%
EURO FX	250,028	211,910	18.0%	274,339	-8.9%
E-MINI JAPANESE YEN	1,260	2,340	-46.2%	910	38.5%
JAPANESE YEN	238,535	221,320	7.8%	161,575	47.6%
MEXICAN PESO	122,679	190,071	-35.5%	117,622	4.3%
NEW ZEALND DOLLAR	19,258	31,925	-39.7%	23,016	-16.3%
NKR/USD CROSS RATE	708	448	58.0%	966	-26.7%
RUSSIAN RUBLE	40,125	79,060	-49.2%	42,514	-5.6%
S.AFRICAN RAND	4,386	15,635	-71.9%	3,355	30.7%
SWISS FRANC	44,638	41,056	8.7%	53,591	-16.7%
AD/CD CROSS RATES	58	24	141.7%	28	107.1%
AD/JY CROSS RATES	945	1,117	-15.4%	997	-5.2%
AD/NE CROSS RATES	16	27	-40.7%	18	-11.1%
BP/JY CROSS RATES	1,520	1,613	-5.8%	1,912	-20.5%
BP/SF CROSS RATES	233	92	153.3%	222	5.0%
CD/JY CROSS RATES	57	55	3.6%	68	-16.2%
EC/AD CROSS RATES	447	249	79.5%	384	16.4%
EC/CD CROSS RATES	655	280	133.9%	538	21.7%
EC/NOK CROSS RATES	84	103	-18.4%	99	-15.2%
EC/SEK CROSS RATES	246	144	70.8%	233	5.6%
EFX/BP CROSS RATES	12,865	10,933	17.7%	11,648	10.4%
EFX/JY CROSS RATES	10,571	7,258	45.6%	10,082	4.9%
EFX/SF CROSS RATES	11,725	8,898	31.8%	13,114	-10.6%
SF/JY CROSS RATES	34	356	-90.4%	34	0.0%
SKR/USD CROSS RATES	264	64	312.5%	561	-52.9%
CZECK KORUNA (US)	131	0	-	131	0.0%
CZECK KORUNA (EC)	938	0	-	938	0.0%
HUNGARIAN FORINT (US)	121	56	116.1%	116	4.3%
HUNGARIAN FORINT (EC)	91	0	-	112	-18.8%
POLISH ZLOTY (US)	1,646	943	74.5%	1,271	29.5%
POLISH ZLOTY (EC)	2,919	3,696	-21.0%	3,709	-21.3%
SHEKEL	459	511	-10.2%	406	13.1%
RMB USD	2,553	310	723.5%	1,957	30.5%
RMB EURO	0	0	-	0	-
KOREAN WON	374	280	33.6%	253	47.8%
TURKISH LIRA	606	3,934	-84.6%	693	-12.6%
TURKISH LIRA (EU)	696	1,453	-52.1%	539	29.1%
E-MICRO EUR/USD	5,250	5,522	-4.9%	5,516	-4.8%
E-MICRO GBP/USD	1,929	1,863	3.5%	1,571	22.8%
E-MICRO USD/CAD	0	4	-100.0%	0	-
E-MICRO USD/CHF	0	0	-	0	-
E-MICRO USD/JPY	2	16	-87.5%	2	0.0%
E-MICRO AUD/USD	1,307	1,486	-12.0%	770	69.7%
COLOMBIAN PESO FUTURES	0	0	-	0	-
MICRO CHF/USD	1,277	967	32.1%	1,341	-4.8%
MICRO JYP/USD	2,610	401	550.9%	1,838	42.0%
MICRO CAD/USD	754	898	-16.0%	635	18.7%

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FX Futures					
FX\$INDEX	0	0	-	0	-
EUR/USD REALIZED VOL	0	0	-	0	-
INDIAN RUPEE	357	0	-	1,511	-76.4%
RMB JY	0	0	-	0	-
FCXRX	46	0	-	31	48.4%
EURO QUARTERLY VARIANCE FI	556	0	-	556	0.0%
FX Options					
AUSTRALIAN DOLLAR	108,854	96,293	13.0%	103,760	4.9%
BRITISH POUND	120,850	49,225	145.5%	118,042	2.4%
CANADIAN DOLLAR	63,895	71,272	-10.4%	64,065	-0.3%
EURO FX	378,291	247,626	52.8%	380,209	-0.5%
JAPANESE YEN	182,322	110,457	65.1%	151,568	20.3%
MEXICAN PESO	35	0	-	75	-53.3%
NEW ZEALND DOLLAR	0	5	-100.0%	1	-100.0%
RUSSIAN RUBLE	0	0	-	0	-
SWISS FRANC	15,929	3,922	306.1%	11,628	37.0%
EFX/BP CROSS RATES	0	0	-	0	-
EFX/JY CROSS RATES	0	0	-	0	-
EFX/SF CROSS RATES	0	3,044	-100.0%	0	-
JAPANESE YEN (EU)	1,874	192	876.0%	2,195	-14.6%
EURO FX (EU)	5,405	2,840	90.3%	5,965	-9.4%
SWISS FRANC (EU)	593	249	138.2%	652	-9.0%
CANADIAN DOLLAR (EU)	1,608	4,528	-64.5%	836	92.3%
BRITISH POUND (EU)	2,653	756	250.9%	2,680	-1.0%
AUSTRALIAN DLR (EU)	1,221	330	270.0%	2,869	-57.4%
Commodities and Alternative Investments					
Futures					
CORN	1,202,579	1,221,881	-1.6%	1,325,416	-9.3%
SOYBEAN	619,303	599,710	3.3%	565,208	9.6%
SOYBEAN MEAL	272,258	217,826	25.0%	276,462	-1.5%
SOYBEAN OIL	337,054	316,130	6.6%	325,630	3.5%
OATS	8,482	10,000	-15.2%	10,768	-21.2%
ROUGH RICE	8,436	14,611	-42.3%	8,876	-5.0%
WHEAT	388,036	451,100	-14.0%	360,580	7.6%
MINI CORN	4,737	7,854	-39.7%	8,510	-44.3%
MINI SOYBEAN	11,591	8,221	41.0%	6,788	70.8%
MINI WHEAT	1,724	2,995	-42.4%	2,771	-37.8%
LIVE CATTLE	336,913	339,347	-0.7%	329,219	2.3%
FEEDER CATTLE	37,577	27,524	36.5%	38,717	-2.9%
LEAN HOGS	278,679	248,108	12.3%	307,819	-9.5%
PORK BELLIES	0	0	-	0	-
LUMBER	4,740	10,936	-56.7%	4,865	-2.6%
WOOD PULP	0	45	-100.0%	0	-
MILK	24,533	24,489	0.2%	20,560	19.3%
MLK MID	0	0	-	0	0.0%
NFD MILK	3,115	651	378.5%	2,353	32.4%
BUTTER CS	5,208	3,389	53.7%	4,287	21.5%
CLASS IV MILK	6,634	1,105	500.4%	4,739	40.0%

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	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
Commodities and Alternative Investments					
Futures					
DRY WHEY	2,364	1,622	45.7%	2,204	7.3%
GSCI EXCESS RETURN FUT	24,679	26,991	-8.6%	24,849	-0.7%
GOLDMAN SACHS	7,665	9,298	-17.6%	8,191	-6.4%
HOUSING INDEX	80	86	-7.0%	149	-46.3%
ETHANOL	3,409	10,573	-67.8%	4,015	-15.1%
HDD WEATHER	9,222	1,980	365.8%	5,263	75.2%
CDD WEATHER	1,500	0	-	1,500	0.0%
HDD SEASONAL STRIP	550	0	-	550	0.0%
CDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER EUROPEAN	300	1,700	-82.4%	0	-
CAT WEATHER EUROPEAN	0	0	-	0	-
HDD EURO SEASONAL STRIP	1,000	1,800	-44.4%	1,000	0.0%
CAT EURO SEASONAL STRIP	0	0	-	0	-
WKLY AVG TEMP	100	0	-	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
COFFEE	2	4	-50.0%	9	-77.8%
DOW-UBS COMMOD INDEX	8,174	9,309	-12.2%	6,911	18.3%
SUGAR 11	2	17	-88.2%	5	-60.0%
COCOA TAS	1	4	-75.0%	2	-50.0%
COTTON	4	5	-20.0%	6	-33.3%
HARD WOOD PULP	0	0	-	0	-
GRAIN BASIS SWAPS	886	10,999	-91.9%	1,072	-17.4%
DOW-UBS COMMOD INDEX SWA	1,682	114	1,375.4%	1,682	0.0%
USD CRUDE PALM OIL	0	55	-100.0%	240	-100.0%
CASH-SETTLED CHEESE	9,156	4,989	83.5%	8,446	8.4%
SEAS SNOWFALL	0	0	-	0	-
OTC SP GSCI ER 3MTH SWAP	0	0	-	0	-
OTC SP GSCI ER SWAP	2,058	2,456	-16.2%	2,058	0.0%
FERTILIZER PRODUCTS	1,645	1,170	40.6%	1,655	-0.6%
WHEAT HRW	146,999	0	-	158,675	-7.4%
S&P GSCI ENHANCED ER SWAP	13,072	2,344	457.7%	13,072	0.0%
MALAYSIAN PALM SWAP	6,100	0	-	6,140	-0.7%
DJ_UBS ROLL SELECT INDEX FU	170	0	-	170	0.0%
Commodities and Alternative Investments					
Options					
CORN	944,806	1,021,641	-7.5%	1,782,889	-47.0%
SOYBEAN	543,033	853,362	-36.4%	446,265	21.7%
SOYBEAN MEAL	118,986	135,810	-12.4%	186,379	-36.2%
SOYBEAN OIL	68,354	151,730	-55.0%	123,988	-44.9%
SOYBEAN CRUSH	1,037	508	104.1%	955	8.6%
OATS	3,172	1,693	87.4%	6,283	-49.5%
ROUGH RICE	1,701	2,363	-28.0%	1,099	54.8%
WHEAT	219,970	225,672	-2.5%	355,669	-38.2%
LIVE CATTLE	252,453	277,897	-9.2%	228,990	10.2%
FEEDER CATTLE	18,410	12,920	42.5%	23,605	-22.0%
LEAN HOGS	159,757	176,191	-9.3%	135,485	17.9%
LUMBER	1,507	881	71.1%	1,267	18.9%
MILK	59,751	70,101	-14.8%	50,224	19.0%
MLK MID	634	982	-35.4%	486	30.5%
NFD MILK	3,188	803	297.0%	2,608	22.2%

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Commodities and Alternative Investments					
Options					
BUTTER CS	5,010	1,658	202.2%	3,936	27.3%
CLASS IV MILK	13,443	1,172	1,047.0%	10,077	33.4%
DRY WHEY	1,461	331	341.4%	944	54.8%
HDD WEATHER	2,010	2,800	-28.2%	1,000	101.0%
CDD WEATHER	0	0	-	0	-
HDD SEASONAL STRIP	33,685	40,665	-17.2%	31,925	5.5%
CDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER EUROPEAN	0	500	-100.0%	0	-
CAT WEATHER EUROPEAN	0	0	-	0	-
HDD EURO SEASONAL STRIP	10,000	21,500	-53.5%	9,500	5.3%
CAT EURO SEASONAL STRIP	0	0	-	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
SBIN M HURR	0	0	-	0	-
SBIN M HURR EVENT2	0	500	-100.0%	0	-
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-
JULY-NOV SOYBEAN CAL SPRD	175	900	-80.6%	150	16.7%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	2,545	3,520	-27.7%	1,980	28.5%
SOYBN NEARBY+2 CAL SPRD	875	5	17,400.0%	182	380.8%
WHEAT NEARBY+2 CAL SPRD	3,845	2,475	55.4%	7,277	-47.2%
CORN NEARBY+2 CAL SPRD	1,655	3,423	-51.7%	3,331	-50.3%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC WHEAT CAL SPRD	30	150	-80.0%	0	-
LV CATL CSO	0	334	-100.0%	0	-
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-
SBIN HURR	750	4,000	-81.3%	750	0.0%
SNOWFALL	0	0	-	0	-
WHEAT-CORN ICSO	57	0	-	296	-80.7%
CASH-SETTLED CHEESE	9,938	5,253	89.2%	7,906	25.7%
SEAS SNOWFALL	0	0	-	0	-
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-
SOY OIL NEARBY+2 CAL SPRD	50	0	-	125	-60.0%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-
DEC-DEC CORN CAL SPRD	0	0	-	1,525	-100.0%
DEC-JULY CORN CAL SPRD	0	0	-	370	-100.0%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
SOYBEAN CORN RATIO	0	145	-100.0%	0	-
LN HOGS CSO	0	50	-100.0%	0	-
WHEAT HRW	18,987	0	-	33,388	-43.1%
JAN-MAY SOYBEAN CAL SPRD	0	135	-100.0%	0	-
MAY-NOV SOYBEAN CAL SPRD	0	0	-	0	-
	105	0	-	0	-
TOTAL FUTURES GROUP					
Interest Rate Futures	17,530,992	14,430,059	21.5%	16,138,587	8.6%
Equity Index Futures	3,944,991	4,096,940	-3.7%	3,793,032	4.0%
Metals Futures	795,905	841,293	-5.4%	789,470	0.8%
Energy Futures	20,507,752	18,808,673	9.0%	20,697,187	-0.9%
FX Futures	1,291,802	1,416,813	-8.8%	1,194,230	8.2%
Commodities and Alternative Invest	3,792,419	3,591,438	5.6%	3,851,432	-1.5%
TOTAL FUTURES	47,863,861	43,185,216	10.8%	46,463,938	3.0%

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TOTAL OPTIONS GROUP					
Interest Rate Options	25,207,801	16,044,597	57.1%	25,553,087	-1.4%
Equity Index Options	3,721,803	2,510,564	48.2%	3,805,052	-2.2%
Metals Options	1,579,563	1,162,618	35.9%	1,915,621	-17.5%
Energy Options	9,384,238	10,789,803	-13.0%	10,444,164	-10.1%
FX Options	883,530	590,739	49.6%	844,545	4.6%
Commodities and Alternative Invest	2,501,380	3,022,070	-17.2%	3,460,854	-27.7%
TOTAL OPTIONS	43,278,315	34,120,391	26.8%	46,023,323	-6.0%
TOTAL COMBINED					
Interest Rate	42,738,793	30,474,656	40.2%	41,691,674	2.5%
Equity Index	7,666,794	6,607,504	16.0%	7,598,084	0.9%
Metals	2,375,468	2,003,911	18.5%	2,705,091	-12.2%
Energy	29,891,990	29,598,476	1.0%	31,141,351	-4.0%
FX	2,175,332	2,007,552	8.4%	2,038,775	6.7%
Commodities and Alternative Invest	6,293,799	6,613,508	-4.8%	7,312,286	-13.9%
GRAND TOTAL	91,142,176	77,305,607	17.9%	92,487,261	-1.5%