

CME Group Exchange ADV Report - Monthly

January 2016

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	ADV JAN 2016	ADV JAN 2015	% CHG	ADV DEC 2016	% CHG	ADV Y.T.D 2016	ADV Y.T.D 2015	% CHG
Commodities and Alternative Investments Futures								
HDD SEASONAL STRIP	0	2.5	-100.0%	0	-	0	4	-100.0%
CDD SEASONAL STRIP	0	0	-	0	-	0	6	-100.0%
CDD WEATHER	0	0	-	0	-	0	24	-100.0%
HDD WEATHER EUROPEAN	0	0	-	0	-	0	0	-100.0%
HDD WEATHER	15	37.5	-61.3%	19.32	-24.8%	15	33	-56.4%
HOUSING INDEX	0	0.4	18.4%	0.45	4.2%	0	0	28.8%
MILK	1,093	1,522.4	-28.2%	1,146.27	-4.6%	1,093	1,089	0.4%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-100.0%
CASH-SETTLED CHEESE	561	665.15	-15.6%	830.41	-32.4%	561	486	15.4%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	0	-
LIVE CATTLE	59,349	64,108.95	-7.4%	53,358.45	11.2%	59,349	53,126	11.7%
BUTTER CS	162	118.25	37.3%	129.45	25.4%	162	122	33.0%
LUMBER	702	687.2	2.2%	730.23	-3.9%	702	796	-11.8%
DRY WHEY	89	129.1	-31.3%	129.91	-31.8%	89	85	4.4%
CLASS IV MILK	52	44.45	16.3%	90.32	-42.8%	52	48	8.3%
NFD MILK	371	141.6	161.7%	280.64	32.1%	371	200	84.9%
GSCI EXCESS RETURN FUT	129	113.85	13.4%	2,893.09	-95.5%	129	1,004	-87.2%
LEAN HOGS	35,012	44,152.45	-20.7%	25,803.5	35.7%	35,012	37,849	-7.5%
FEEDER CATTLE	9,921	11,912.8	-16.7%	10,488.23	-5.4%	9,921	9,854	0.7%
MLK MID	0	0	-	0	-	0	0	-
GOLDMAN SACHS	1,514	1,534	-1.3%	1,524.95	-0.7%	1,514	1,401	8.0%
COCOA TAS	18	2.05	796.0%	5.68	223.3%	18	7	155.9%
SUGAR 11	6	9.8	-34.5%	9.91	-35.2%	6	6	3.5%
COFFEE	1	4.15	-84.8%	0.64	-0.8%	1	3	-74.8%
COTTON	1	1.35	-25.9%	0.68	46.7%	1	2	-56.8%
MINI WHEAT	222	257.75	-14.0%	202.59	9.5%	222	328	-32.4%
CORN	309,372	273,445.1	13.1%	198,886.77	55.6%	309,372	328,436	-5.8%
SOYBEAN MEAL	81,455	77,928.65	4.5%	95,791.82	-15.0%	81,455	96,108	-15.2%
SOYBEAN OIL	90,171	99,266.85	-9.2%	132,910.32	-32.2%	90,171	114,218	-21.1%
ROUGH RICE	781	615.85	26.9%	1,761.73	-55.7%	781	1,250	-37.5%
DOW-UBS COMMOD INDEX	1,211	762.35	58.9%	2,755.23	-56.0%	1,211	1,460	-17.1%
MINI SOYBEAN	551	1,065.95	-48.3%	709.59	-22.3%	551	906	-39.1%
OATS	823	730.9	12.6%	558.32	47.4%	823	769	7.0%
SOYBEAN	202,426	178,516.1	13.4%	225,790.05	-10.3%	202,426	213,814	-5.3%
MINI CORN	336	542.95	-38.0%	331.36	1.5%	336	524	-35.8%
ETHANOL	745	1,202	-38.0%	586.05	27.1%	745	742	0.4%
FERTILIZER PRODUCS	171	84.25	103.3%	163.64	4.7%	171	107	59.5%
S&P GSCI ENHANCED ER SWAP	0	0	-	1,188.36	-100.0%	0	413	-100.0%
MALAYSIAN PALM SWAP	253	174	45.2%	292.73	-13.7%	253	215	17.5%
Intercommodity Spread	0	0	-	0	-	0	0	-
CHI WHEAT	95,825	89,359.05	7.2%	73,228.95	30.9%	95,825	122,927	-22.0%
KC WHEAT	27,776	23,842.6	16.5%	17,444.55	59.2%	27,776	29,091	-4.5%
DJ_UBS ROLL SELECT INDEX FUTU	0	16.8	-100.0%	49.14	-100.0%	0	32	-100.0%

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Commodities and Alternative Investments Options								
HDD SEASONAL STRIP	0	25	-100.0%	0	-	0	68	-100.0%
CDD SEASONAL STRIP	0	25	-100.0%	0	-	0	265	-100.0%
CDD WEATHER	0	0	-	0	-	0	1	-100.0%
HDD WEATHER EUROPEAN	0	25	-100.0%	0	-	0	12	-100.0%
HDD WEATHER	0	80	-100.0%	0	-	0	11	-100.0%
LV CATL CSO	0	1.5	-100.0%	0	-	0	0	-100.0%
MILK	1,119	1,225.05	-8.6%	1,026.68	9.0%	1,119	1,049	6.7%
HDD EURO SEASONAL STRIP	0	200	-100.0%	0	-	0	30	-100.0%
CASH-SETTLED CHEESE	287	322.25	-10.8%	548.45	-47.6%	287	316	-9.1%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	12	-100.0%
LIVE CATTLE	20,515	19,172.05	7.0%	21,568.86	-4.9%	20,515	15,709	30.6%
BUTTER CS	112	69.5	60.6%	26.59	319.8%	112	48	131.1%
LUMBER	55	54.65	1.3%	43.86	26.2%	55	53	5.3%
DRY WHEY	1	22.75	-95.4%	4.77	-77.9%	1	12	-91.0%
CLASS IV MILK	22	34.85	-38.2%	27.14	-20.7%	22	33	-35.5%
NFD MILK	388	80.75	380.4%	197.18	96.7%	388	182	112.9%
LEAN HOGS	8,735	11,828.5	-26.2%	10,396.32	-16.0%	8,735	11,216	-22.1%
FEEDER CATTLE	1,793	2,329.55	-23.0%	2,071.59	-13.4%	1,793	1,728	3.8%
MLK MID	3	1.1	215.8%	2.82	23.3%	3	2	64.9%
JULY-DEC WHEAT CAL SPRD	133	25.75	415.5%	135.23	-1.8%	133	62	114.3%
CORN	69,533	101,450.8	-31.5%	47,143.59	47.5%	69,533	95,455	-27.2%
SOYBEAN MEAL	7,969	12,418.7	-35.8%	9,294.23	-14.3%	7,969	11,501	-30.7%
SOYBEAN OIL	7,942	9,496.9	-16.4%	14,726.32	-46.1%	7,942	8,534	-6.9%
DEC-JULY CORN CAL SPRD	0	0	-	0	-	0	40	-100.0%
DEC-DEC CORN CAL SPRD	0	6.5	-100.0%	0	-	0	17	-100.0%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-100.0%
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	1	-100.0%
ROUGH RICE	118	61.4	91.9%	118.36	-0.4%	118	92	28.5%
WHEAT	0	24.25	-100.0%	4.55	-100.0%	0	3	-100.0%
WHEAT-CORN IC SO	268	188.75	42.1%	172.27	55.7%	268	81	232.6%
CORN NEARBY+2 CAL SPRD	123	107.8	13.8%	81.64	50.3%	123	208	-41.0%
SOYBN NEARBY+2 CAL SPRD	0	0	-	0	-	0	1	-100.0%
WHEAT NEARBY+2 CAL SPRD	67	379.5	-82.3%	200.68	-66.5%	67	535	-87.4%
SOY OIL NEARBY+2 CAL SPRD	0	0	-	0	-	0	0	-100.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	0	1	-100.0%
JULY-DEC CORN CAL SPRD	189	203.15	-6.8%	167.59	12.9%	189	143	32.4%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-100.0%
JULY-NOV SOYBEAN CAL SPRD	74	221.35	-66.7%	3.14	2252.8%	74	147	-49.9%
OATS	57	135.25	-57.7%	56.59	1.2%	57	83	-30.8%
SOYBEAN	59,876	77,005.2	-22.2%	63,916.45	-6.3%	59,876	73,768	-18.8%
JULY-DEC SOY OIL CAL SPRD	0	1.25	-100.0%	0	-	0	0	-100.0%
SOYBEAN CRUSH	35	3.85	818.7%	27.73	27.6%	35	11	229.9%
Intercommodity Spread	13	0	-	0	-	13	4	247.1%
CHI WHEAT	34,142	31,441.75	8.6%	18,304	86.5%	34,142	29,389	16.2%
KC WHEAT	983	3,181.85	-69.1%	677.91	45.0%	983	1,839	-46.6%
MAR-JULY WHEAT CAL SPRD	3	15.15	-82.6%	216.14	-98.8%	3	48	-94.5%
MAR-JULY CORN CAL SPRD	125	0	-	112.23	11.6%	125	11	1044.0%
MAR-DEC CORN CAL SPRD	0	271.5	-100.0%	0	-	0	21	-100.0%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-	0	4	-100.0%

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FX Futures								
TURKISH LIRA	0	0.6	-100.0%	0.18	-100.0%	0	0	-100.0%
TURKISH LIRA (EU)	0	0.2	-100.0%	0	-	0	0	-100.0%
JAPANESE YEN	191,462	202,095.5	-5.3%	139,807.64	36.9%	191,462	143,006	33.9%
KOREAN WON	0	0.65	-43.3%	17.95	-97.9%	0	3	-88.6%
CD/JY CROSS RATES	0	0.75	-86.0%	0.05	131.4%	0	1	-89.8%
CANADIAN DOLLAR	94,462	68,584.85	37.7%	74,099.18	27.5%	94,462	68,387	38.1%
AD/NE CROSS RATES	6	3.45	78.5%	2.91	111.7%	6	2	157.5%
BRITISH POUND	101,004	101,227.9	-0.2%	90,243.09	11.9%	101,004	95,433	5.8%
RUSSIAN RUBLE	1,775	704.1	152.1%	1,653.23	7.3%	1,775	1,579	12.4%
SWISS FRANC	21,398	37,598.9	-43.1%	27,628.77	-22.6%	21,398	22,270	-3.9%
NEW ZEALND DOLLAR	23,675	21,513.3	10.0%	19,649.27	20.5%	23,675	19,921	18.8%
BP/JY CROSS RATES	107	39.6	170.1%	138.45	-22.8%	107	61	74.9%
SHEKEL	0	0.1	-100.0%	0	-	0	0	-100.0%
E-MICRO USD/CAD	0	0.1	-100.0%	0	-	0	0	-100.0%
E-MICRO GBP/USD	2,458	1,863.05	31.9%	1,443.41	70.3%	2,458	1,929	27.4%
E-MICRO USD/CHF	0	0	-	0.18	-100.0%	0	0	-100.0%
E-MICRO EUR/USD	22,779	17,390.5	31.0%	15,962.23	42.7%	22,779	17,098	33.2%
E-MICRO USD/JPY	0	0.05	-100.0%	0.45	-100.0%	0	0	-100.0%
E-MICRO AUD/USD	4,634	3,210.15	44.3%	2,320.14	99.7%	4,634	2,579	79.7%
AUSTRALIAN DOLLAR	119,635	94,678	26.4%	83,071.41	44.0%	119,635	92,421	29.4%
E-MINI JAPANESE YEN	2,184	1,367.35	59.7%	950.95	129.6%	2,184	841	159.6%
EFX/JY CROSS RATES	2,115	2,824.25	-25.1%	3,312.68	-36.2%	2,115	2,195	-3.6%
RMB USD	28	8.85	221.1%	19.45	46.1%	28	21	37.3%
EFX/BP CROSS RATES	4,248	3,417.9	24.3%	5,506.27	-22.9%	4,248	3,055	39.0%
EFX/SF CROSS RATES	1,607	3,209	-49.9%	3,352.32	-52.1%	1,607	1,625	-1.1%
INDIAN RUPEE	650	322.55	101.6%	320.95	102.6%	650	515	26.2%
EC/SEK CROSS RATES	2	2.35	-1.5%	36.45	-93.6%	2	20	-88.4%
S.AFRICAN RAND	609	359.55	69.5%	1,772.45	-65.6%	609	855	-28.7%
MEXICAN PESO	57,321	41,102.3	39.5%	48,245.41	18.8%	57,321	43,287	32.4%
EURO FX	214,586	278,015.75	-22.8%	276,270.32	-22.3%	214,586	258,324	-16.9%
EC/CD CROSS RATES	165	174.55	-5.4%	262.05	-37.0%	165	126	31.0%
EC/NOK CROSS RATES	0	0	-	0.36	-56.6%	0	3	-94.8%
EC/AD CROSS RATES	130	30.55	325.2%	218.64	-40.6%	130	98	32.5%
BP/SF CROSS RATES	1	20.05	-95.8%	6.41	-86.9%	1	6	-86.9%
E-MINI EURO FX	5,825	6,983.8	-16.6%	5,868.86	-0.7%	5,825	5,855	-0.5%
MICRO CHF/USD	110	293.9	-62.5%	108.41	1.7%	110	111	-0.8%
POLISH ZLOTY (EC)	268	0	-	291.14	-7.9%	268	26	946.9%
AD/JY CROSS RATES	450	186.3	141.7%	236.55	90.4%	450	195	131.4%
AD/CD CROSS RATES	1	2.25	-64.9%	0.73	8.6%	1	1	-14.6%
HUNGARIAN FORINT (US)	0	0	-	0	-	0	0	-100.0%
POLISH ZLOTY (US)	31	164.85	-81.4%	118.82	-74.2%	31	33	-8.1%
SKR/USD CROSS RATES	49	28.3	73.5%	142.09	-65.4%	49	61	-19.3%
NKR/USD CROSS RATE	32	41.15	-21.2%	124.95	-74.1%	32	57	-43.0%
BRAZIL REAL	2,956	2,801.05	5.5%	2,983.27	-0.9%	2,956	2,781	6.3%
E-MICRO USD/CNH	2	2.1	-19.8%	1.95	-13.8%	2	1	16.1%
E-MICRO INR/USD	5	27.65	-81.5%	3.27	56.0%	5	10	-49.9%
USDZAR	0	0	-	1.41	-100.0%	0	2	-100.0%
E-MICRO CAD/USD	952	688.7	38.2%	640.14	48.7%	952	625	52.3%

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FX Futures								
CHINESE RENMINBI (CNH)	145	25.35	470.3%	86.45	67.2%	145	52	175.7%
E-MICRO JPY/USD	1,248	1,271.2	-1.9%	405.36	207.8%	1,248	594	109.9%
FX Options								
AUSTRALIAN DLR (EU)	22	4.6	372.5%	1.09	1892.6%	22	5	326.0%
JAPANESE YEN	17,454	11,212.35	55.7%	10,491.95	66.4%	17,454	11,451	52.4%
EURO FX (EU)	312	378.95	-17.5%	163.09	91.6%	312	237	32.0%
CANADIAN DOLLAR	12,467	6,107.25	104.1%	6,734.32	85.1%	12,467	5,563	124.1%
BRITISH POUND	10,870	10,742.7	1.2%	7,021.77	54.8%	10,870	10,158	7.0%
RUSSIAN RUBLE	9	0	-	15.59	-41.6%	9	2	324.3%
CANADIAN DOLLAR (EU)	30	26.15	14.7%	6.77	343.0%	30	6	378.0%
SWISS FRANC	499	1,906.25	-73.8%	420.05	18.7%	499	676	-26.2%
BRITISH POUND (EU)	107	48.55	120.0%	52.18	104.6%	107	30	251.6%
NEW ZEALND DOLLAR	0	0.5	-100.0%	0	-	0	0	-100.0%
AUSTRALIAN DOLLAR	8,336	6,269.6	33.0%	4,622.73	80.3%	8,336	6,066	37.4%
MEXICAN PESO	141	50.95	176.3%	84.86	65.9%	141	70	102.1%
EURO FX	39,141	64,172.65	-39.0%	45,320.05	-13.6%	39,141	48,879	-19.9%
JAPANESE YEN (EU)	34	33	4.1%	8.18	320.1%	34	18	92.6%

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Equity Index Futures								
E-MINI RUSSELL 1000	81	0	-	91.05	-10.9%	81	12	604.4%
DJ US REAL ESTATE	839	510.1	64.4%	1,307.09	-35.8%	839	702	19.5%
E-MINI NASDAQ 100	432,819	341,666.9	26.7%	286,421.5	51.1%	432,819	266,049	62.7%
S&P ENERGY SECTOR	529	157.2	236.5%	406.45	30.1%	529	375	41.1%
S&P MATERIALS SECTOR	169	187.3	-10.0%	193.82	-13.0%	169	165	2.5%
S&P FINANCIAL SECTOR	453	82.75	447.7%	600.36	-24.5%	453	252	80.1%
S&P HEALTH CARE SECTOR	436	286.05	52.3%	546.45	-20.3%	436	571	-23.7%
S&P INDUSTRIAL SECTOR	127	147.85	-14.2%	234.36	-45.9%	127	171	-25.8%
S&P UTILITIES SECTOR	483	268.8	79.7%	803.82	-39.9%	483	547	-11.6%
S&P TECHNOLOGY SECTOR	254	107.9	135.5%	446.95	-43.1%	254	239	6.4%
S&P CONSUMER DSCRTRNRY SECTC	785	238.5	229.3%	1,102.14	-28.7%	785	530	48.2%
S&P 500	9,797	10,013.25	-2.2%	17,556.05	-44.2%	9,797	12,028	-18.6%
E-MICRO NIFTY	0	0	-	0	-	0	4	-100.0%
NASDAQ	0	1,151.65	-100.0%	0	-	0	360	-100.0%
E-MINI MIDCAP	27,869	20,745.45	34.3%	27,627.14	0.9%	27,869	21,269	31.0%
NIKKEI 225 (\$) STOCK	26,443	20,222.65	30.8%	18,759.55	41.0%	26,443	16,746	57.9%
NIKKEI 225 (YEN) STOCK	89,513	57,666.45	55.2%	56,463.82	58.5%	89,513	52,777	69.6%
IBOVESPA INDEX	19	5.25	258.9%	28.86	-34.7%	19	20	-6.3%
S&P 600 SMALLCAP EMINI	0	0	-	0	-	0	0	-100.0%
S&P CONSUMER STAPLES SECTOR	994	55.65	1686.4%	1,595.41	-37.7%	994	610	62.9%
E-MINI S&P500	2,525,650	1,918,089.05	31.7%	1,968,718.86	28.3%	2,525,650	1,698,827	48.7%
S&P 500/VALUE	1,253	0.75	166966.7%	164.45	661.9%	1,253	24	5092.6%
S&P 500 GROWTH	1	0.35	80.5%	2.45	-74.3%	1	2	-60.2%
S&P 400 MIDCAP	0	47.35	-100.0%	0	-	0	27	-100.0%
MINI \$5 DOW	272,092	207,334.6	31.2%	169,750.27	60.3%	272,092	160,479	69.6%
DJIA	0	728.95	-100.0%	0	-	0	147	-100.0%
FT-SE 100	124	0	-	89.55	38.4%	124	18	592.7%
E-MINI RUSSELL 1000 VALUE	58	0	-	54.73	6.7%	58	7	754.9%
NASDAQ BIOTECH	0	0	-	2.86	-100.0%	0	7	-100.0%
E-MINI RUSSELL 1000 GROWTH	40	0	-	60.32	-33.7%	40	7	467.9%
ENERGY SECTOR	1	0	-	0	-	1	0	-
Equity Index Options								
E-MINI NASDAQ 100	18,148	7,962	127.9%	9,752.18	86.1%	18,148	6,069	199.0%
S&P 500	50,990	37,784	35.0%	39,334.82	29.6%	50,990	35,968	41.8%
EOW4 EMINI S&P 500	70,618	53,899.35	31.0%	43,898.14	60.9%	70,618	46,423	52.1%
EOW2 S&P 500	2,956	4,106.4	-28.0%	4,671.55	-36.7%	2,956	3,764	-21.5%
EOW1 EMINI S&P 500	31,931	43,492.8	-26.6%	27,059.41	18.0%	31,931	45,661	-30.1%
NASDAQ	0	1	-100.0%	0	-	0	0	-100.0%
EOW1 S&P 500	1,644	1,768.8	-7.1%	313	425.3%	1,644	1,508	9.0%
E-MINI MIDCAP	0	0.5	-89.5%	0	-	0	0	-64.0%
EOM S&P 500	6,639	6,406.05	3.6%	4,629.32	43.4%	6,639	5,061	31.2%
EOM EMINI S&P	79,720	64,472.95	23.6%	58,365.05	36.6%	79,720	52,482	51.9%
EOW2 EMINI S&P 500	44,712	43,242.85	3.4%	58,863.59	-24.0%	44,712	49,638	-9.9%
E-MINI S&P500	436,383	346,496.75	25.9%	301,394.86	44.8%	436,383	307,383	42.0%
MINI \$5 DOW	1,224	804.15	52.3%	467.5	161.9%	1,224	548	123.6%
DJIA	0	0	-	0	-	0	0	-100.0%

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	ADV JAN 2016	ADV JAN 2015	% CHG	ADV DEC 2016	% CHG	ADV Y.T.D 2016	ADV Y.T.D 2015	% CHG
Interest Rate Futures								
5-YR SWAP RATE	2,922	2,294	27.4%	4,560.91	-35.9%	2,922	2,752	6.2%
2-YR SWAP RATE	22	26.9	-19.4%	235.77	-90.8%	22	152	-85.7%
10-YR SWAP RATE	1,693	2,478.15	-31.7%	4,383.77	-61.4%	1,693	2,990	-43.4%
1-MONTH EURODOLLAR	51	171.45	-70.3%	293.55	-82.7%	51	251	-79.7%
EURODOLLARS	3,196,325	3,027,883.45	5.6%	2,075,541.5	54.0%	3,196,325	2,319,815	37.8%
7-YR SWAP	38	0	-	180.77	-78.8%	38	31	23.6%
30-YR BOND	293,147	397,808.65	-26.3%	205,993.64	42.3%	293,147	284,196	3.1%
5-YR NOTE	716,771	736,964.1	-2.7%	538,618.05	33.1%	716,771	753,785	-4.9%
10-YR NOTE	1,437,373	1,374,959.3	4.5%	892,919.68	61.0%	1,437,373	1,297,791	10.8%
2-YR NOTE	275,243	255,657.5	7.7%	216,604.36	27.1%	275,243	328,224	-16.1%
30-YR SWAP RATE	80	193.25	-58.5%	104.18	-23.0%	80	141	-43.3%
ULTRA T-BOND	98,884	98,041.9	0.9%	73,365.36	34.8%	98,884	115,151	-14.1%
FED FUND	121,805	57,845.85	110.6%	103,154.86	18.1%	121,805	80,031	52.2%
EURO 5YR BUNDLE	0	1.4	-100.0%	0	-	0	0	-100.0%
Ultra 10-Year Note	16,957	0	-	0	-	16,957	0	-
2YR BUNDLE	0	14.75	-100.0%	0	-	0	2	-100.0%
3YR BUNDLE	0	1	-100.0%	0	-	0	1	-100.0%

Interest Rate Options

EURO MIDCURVE	961,616	550,245.2	74.8%	559,857.23	71.8%	961,616	519,266	85.2%
EURODOLLARS	1,190,002	476,100.4	149.9%	551,694	115.7%	1,190,002	443,788	168.1%
30-YR BOND	105,842	97,161.25	8.9%	66,139.09	60.0%	105,842	83,189	27.2%
5-YR NOTE	132,428	92,713.65	42.8%	108,534.09	22.0%	132,428	90,026	47.1%
10-YR NOTE	379,671	496,276.75	-23.5%	285,073	33.2%	379,671	386,648	-1.8%
2-YR NOTE	3,899	17,158	-77.3%	4,818.32	-19.1%	3,899	9,534	-59.1%
ULTRA T-BOND	208	1,043.55	-80.0%	218.14	-4.5%	208	417	-50.0%
FED FUND	337	569	-40.8%	206.14	63.5%	337	1,343	-74.9%
Ultra 10-Year Note	6	0	-	0	-	6	0	-

Energy Futures

ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	0	-
ELEC ERCOT OFF PEAK	0	0	-	0	-	0	69	-100.0%
RBOB GAS	71	61.5	15.5%	246.18	-71.1%	71	71	-0.5%
ELEC ERCOT DLY PEAK	0	0	-	0	-	0	5	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPE	225	0	-	213.82	5.4%	225	114	97.9%
ERCOT NORTH ZMCPE 5MW PEAK	12	0	-	11.59	6.7%	12	12	2.6%
SINGAPORE JET KERO VS. GASOIL	0	0	-	0	-	0	0	-100.0%
PETRO OUTRIGHT EURO	413	497	-16.9%	422.59	-2.3%	413	414	-0.4%
MONT BELVIEU LDH PROPANE OPIS	9	47.25	-81.1%	23.45	-61.9%	9	31	-71.3%
MONT BELVIEU ETHANE OPIS BALM	6	46	-86.8%	4.09	48.0%	6	11	-44.6%
CONWAY NATURAL GASOLINE (OPI	7	0	-	13.95	-52.5%	7	4	62.6%
PETROCHEMICALS	168	161.8	3.6%	176.73	-5.1%	168	182	-7.9%
CONWAY PROPANE 5 DECIMALS S	229	412.5	-44.5%	256.27	-10.7%	229	220	4.0%
CONWAY NORMAL BUTANE (OPIS) S	4	3	31.6%	0	-	4	8	-49.1%
MONT BELVIEU NORMAL BUTANE B	27	21.15	29.2%	13.32	105.1%	27	21	27.4%

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Energy Futures								
MONT BELVIEU NATURAL GASOLIN	9	7	26.3%	5	76.8%	9	16	-46.2%
IN DELIVERY MONTH EUA	253	822.5	-69.3%	197.73	27.8%	253	413	-38.9%
WTS (ARGUS) VS WTI SWAP	85	267.6	-68.2%	82.55	3.0%	85	241	-64.7%
ISO NEW ENGLAND PK LMP	0	0	-	0	-	0	0	-100.0%
ELEC NYISO OFF-PEAK	0	0	-	0	-	0	172	-100.0%
ELEC MISO PEAK	0	0	-	0	-	0	14	-100.0%
TRANSCO ZONE 4 NAT GAS IN	0	0	-	14.09	-100.0%	0	5	-100.0%
COLUMB GULF MAINLINE NG B	209	305.65	-31.7%	51.73	303.5%	209	102	105.4%
ONEOK OKLAHOMA NG BASIS	24	0	-	33.18	-28.1%	24	12	101.7%
TEXAS GAS ZONE1 NG BASIS	0	283.2	-100.0%	0	-	0	64	-100.0%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	8,319	74.4	11081.7%	4,983.73	66.9%	8,319	7,702	8.0%
NYISO ZONE J 5MW D AH O P	0	0	-	356.36	-100.0%	0	252	-100.0%
NYISO ZONE J 5MW D AH PK	34	0	-	18.64	83.6%	34	37	-8.7%
NEPOOL W CNT MASS 5MW D A	0	0	-	0	-	0	175	-100.0%
PJM COMED 5MW D AH PK	0	0	-	0	-	0	28	-100.0%
PJM DUQUS 5MW D AH O PK	0	0	-	0	-	0	0	-
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL CNCTCT 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL CONECTIC 5MW D AH	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH P	0	20	-100.0%	0	-	0	5	-100.0%
NYISO ZONE C 5MW D AH PK	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	1,731	2,125.35	-18.6%	1,389.09	24.6%	1,731	1,367	26.6%
SINGAPORE GASOIL	180	145.6	23.4%	123.32	45.7%	180	127	41.3%
PETRO OUTRIGHT NA	600	467.2	28.4%	624.14	-3.9%	600	524	14.5%
CRUDE OIL SPRDS	76	0	-	52.32	45.5%	76	31	145.5%
RBOB GASOLINE BALMO CLNDR	0	53.4	-100.0%	62.14	-100.0%	0	52	-100.0%
GASOLINE UP-DOWN BALMO SW	18	29.5	-37.6%	11.36	62.1%	18	24	-24.2%
COLUMBIA GULF MAIN NAT G	0	0	-	42.27	-100.0%	0	13	-100.0%
SOUTHERN NAT LA NAT GAS	27	0	-	0	-	27	17	62.4%
TENN 800 LEG NAT GAS INDE	0	0	-	37.23	-100.0%	0	13	-100.0%
NATURAL GAS PHY	340,679	380,848	-10.5%	362,908.36	-6.1%	340,679	323,211	5.4%
CRUDE OIL OUTRIGHTS	520	470.45	10.6%	205.68	152.9%	520	428	21.4%
ELECTRICITY OFF PEAK	0	0	-	0	-	0	250	-100.0%
ELEC FINSETTLED	0	0	-	0	-	0	11	-100.0%
PETRO CRK&SPRD EURO	468	389.7	20.2%	257	82.2%	468	270	73.3%
FREIGHT MARKETS	13	0	-	1.27	904.9%	13	3	323.5%
PLASTICS	31	83.2	-63.3%	1.82	1578.9%	31	42	-27.0%
NYH NO 2 CRACK SPREAD CAL	117	417.1	-72.0%	275.36	-57.6%	117	123	-5.5%
TRANSCO ZONE 6 BASIS SWAP	56	7.6	632.0%	19.45	186.0%	56	42	32.0%
NYISO A	0	0	-	0	-	0	4	-100.0%
MINY NATURAL GAS	1,376	1,737.45	-20.8%	1,493.27	-7.9%	1,376	1,305	5.4%
HEATING OIL PHY	175,846	162,353.05	8.3%	157,732.32	11.5%	175,846	146,036	20.4%
DOMINION TRANSMISSION INC	846	449.4	88.3%	713.77	18.6%	846	348	143.1%
TCO BASIS SWAP	451	271.7	66.0%	162.5	177.6%	451	156	189.8%
PJM MONTHLY	6	0	-	20.18	-68.7%	6	29	-78.3%
WAHA INDEX SWAP FUTURE	0	0	-	0	-	0	7	-100.0%
NY HARBOR HEAT OIL SWP	159	382.9	-58.5%	184.73	-14.0%	159	213	-25.2%
EASTERN RAIL DELIVERY CSX	86	250	-65.6%	41.36	108.0%	86	160	-46.1%

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Energy Futures								
HTG OIL	0	0	-	87.73	-100.0%	0	8	-100.0%
EUROPE 3.5% FUEL OIL MED	18	8.5	106.8%	14.05	25.2%	18	6	215.4%
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
PJM OFF-PEAK LMP SWAP FUT	0	4	-100.0%	0	-	0	7	-100.0%
AEP-DAYTON HUB OFF-PEAK M	0	0.5	-100.0%	0	-	0	4	-100.0%
DOMINION TRAN INC - APP I	35	0	-	0	-	35	10	243.2%
TENNESSEE ZONE 0 BASIS SW	0	0	-	19.45	-100.0%	0	4	-100.0%
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	29	51.95	-43.4%	9	226.9%	29	18	59.9%
MINY HTG OIL	0	0.65	-35.2%	0.45	-7.3%	0	0	8.7%
BRENT CALENDAR SWAP	14	317	-95.5%	93.41	-84.6%	14	234	-93.8%
EURO GASOIL 10PPM VS ICE	4	3.65	0.9%	4.73	-22.1%	4	4	-12.4%
WTI-BRENT CALENDAR SWAP	648	1,209.25	-46.4%	1,170.82	-44.7%	648	1,097	-41.0%
CENTERPOINT BASIS SWAP	33	74.9	-55.4%	72.18	-53.8%	33	90	-62.9%
PJM NILL DA OFF-PEAK	3,160	441.6	615.5%	1,093.77	188.9%	3,160	2,003	57.7%
PANHANDLE INDEX SWAP FUTU	0	0	-	5.64	-100.0%	0	10	-100.0%
PJM NILL DA PEAK	98	14.75	565.8%	55.05	78.4%	98	94	4.8%
CIN HUB 5MW REAL TIME PK	810	0	-	69.05	1073.1%	810	82	889.1%
MINY WTI CRUDE OIL	16,458	18,250.1	-9.8%	10,426.09	57.9%	16,458	12,449	32.2%
JAPAN C&F NAPHTHA SWAP	76	26.95	183.6%	32.45	135.5%	76	47	64.2%
LLS (ARGUS) VS WTI SWAP	414	739.2	-44.0%	178	132.6%	414	435	-4.9%
RBOB PHY	176,967	153,536.15	15.3%	152,982.59	15.7%	176,967	159,297	11.1%
NEPOOL RHD ISLD 5MW D AH	0	0	-	5.45	-100.0%	0	44	-100.0%
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-	0	15	-100.0%
NEPOOL NEW HAMP 5MW D AH	0	0	-	0	-	0	0	-
CIN HUB 5MW REAL TIME O P	15,461	11,209.6	37.9%	1,252.73	1134.2%	15,461	3,114	396.6%
LTD NAT GAS	12,350	11,332.75	9.0%	14,524.18	-15.0%	12,350	11,453	7.8%
SAN JUAN PIPE SWAP	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	1,085	756.35	43.5%	1,185.5	-8.5%	1,085	537	102.0%
SINGAPORE 380CST BALMO	2	7	-69.9%	1.14	85.3%	2	5	-58.1%
PJM BGE DA OFF-PEAK	0	0	-	0	-	0	0	-
ULSD 10PPM CIF MED VS ICE	1	1.5	-22.8%	9.55	-87.9%	1	4	-73.8%
GULF COAST JET FUEL CLNDR	6	41.25	-84.3%	0	-	6	14	-55.3%
SINGAPORE GASOIL SWAP	123	211.75	-41.7%	90.45	36.4%	123	111	11.3%
CHICAGO ULSD PL VS HO SPR	14	38.15	-62.1%	13.5	7.2%	14	17	-16.8%
CIN HUB 5MW D AH PK	266	254.5	4.4%	44.64	495.5%	266	42	535.6%
PJM AD HUB 5MW REAL TIME	5,982	390.4	1432.2%	6,144.55	-2.6%	5,982	7,011	-14.7%
TC5 RAS TANURA TO YOKOHAM	0	0.75	-100.0%	0	-	0	0	-100.0%
Sumas Basis Swap	25	10	150.0%	16.64	50.3%	25	57	-55.9%
RBOB CRACK SPREAD	131	94	39.6%	73.45	78.7%	131	51	159.6%
NGPL TEX/OK	687	176	290.4%	172.09	299.3%	687	333	106.3%
EURO GASOIL 10 CAL SWAP	0	0	-	0.14	15.8%	0	0	185.5%
HENRY HUB INDEX SWAP FUTU	1,756	371.6	372.6%	344.55	409.7%	1,756	439	300.0%
WTI-BRENT BULLET SWAP	0	0	-	0	-	0	0	-
NYISO J OFF-PEAK	0	0	-	0.45	-100.0%	0	2	-100.0%
EAST/WEST FUEL OIL SPREAD	0	33.6	-99.2%	0.23	15.8%	0	9	-97.2%
TENNESSEE 500 LEG BASIS S	0	129.9	-100.0%	0	-	0	22	-100.0%
NORTHEN NATURAL GAS DEMAR	5	5.9	-22.4%	14.55	-68.5%	5	23	-80.4%
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-

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Energy Futures								
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-	0	1	-100.0%
ROCKIES KERN OPAL - NW IN	0	0	-	0	-	0	7	-100.0%
APPALACHIAN COAL (PHY)	0	21.5	-100.0%	3.18	-100.0%	0	10	-100.0%
WTI CALENDAR	1,687	1,812.15	-6.9%	981.14	72.0%	1,687	1,600	5.4%
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-100.0%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	316	254	24.3%	503.86	-37.3%	316	336	-6.1%
AEP-DAYTON HUB MTHLY	0	1.1	-100.0%	0	-	0	3	-100.0%
CRUDE OIL PHY	1,142,648	825,681.6	38.4%	821,069.27	39.2%	1,142,648	799,219	43.0%
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	0	-100.0%
NEW YORK ETHANOL SWAP	213	70.25	202.7%	38.86	447.1%	213	48	345.7%
LA CARB DIESEL (OPIS)	0	0	-	0	-	0	1	-100.0%
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	-100.0%
EURO PROPANE CIF ARA SWA	43	18.75	128.8%	32.23	33.1%	43	20	119.8%
LA CARBOB GASOLINE(OPIS)S	108	31.25	245.3%	23.86	352.1%	108	24	358.8%
MCCLOSKEY ARA ARGV COAL	12,951	11,849.25	9.3%	6,128.05	111.3%	12,951	8,426	53.7%
MCCLOSKEY RCH BAY COAL	1,858	1,879.85	-1.2%	921.36	101.6%	1,858	1,122	65.5%
MGF FUT	0	0	-	0	-	0	0	-100.0%
MNC FUT	207	262.15	-20.9%	179.55	15.5%	207	201	3.1%
MGN1 SWAP FUT	10	7.25	40.1%	9.77	3.9%	10	8	35.0%
UCM FUT	1	1	-21.1%	0	-	1	2	-65.4%
MJC FUT	7	1.5	384.2%	5.45	33.2%	7	3	135.6%
HEATING OIL VS ICE GASOIL	0	0	-	0	-	0	0	-
UP DOWN GC ULSD VS NMX HO	2,949	1,770.85	66.5%	2,321.41	27.0%	2,949	1,975	49.3%
HOUSTON SHIP CHANNEL BASI	473	77.95	507.0%	193.95	144.0%	473	192	146.8%
FUEL OIL CRACK VS ICE	198	216.3	-8.5%	118.91	66.5%	198	176	12.6%
NGPL TEXOK INDEX	0	0	-	0	-	0	5	-100.0%
NATURAL GAS	5,275	5,109.7	3.2%	6,920.23	-23.8%	5,275	4,221	25.0%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	16	-100.0%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	4	-100.0%
SOCAL PIPE SWAP	0	0	-	0	-	0	2	-100.0%
PANHANDLE PIPE SWAP	0	0	-	0	-	0	1	-100.0%
GAS EURO-BOB OXY NWE BARGES	908	1,289.3	-29.6%	1,107.77	-18.1%	908	813	11.6%
MONT BELVIEU NATURAL GASOLIN	358	371.4	-3.6%	202.41	76.8%	358	257	39.5%
ONTARIO POWER SWAPS	10	7,401	-99.9%	1.82	435.5%	10	669	-98.5%
DAILY PJM	0	0	-	0	-	0	32	-100.0%
BRENT OIL LAST DAY	143,174	137,212.5	4.3%	95,764.36	49.5%	143,174	103,759	38.0%
SINGAPORE GASOIL CALENDAR	0	258.2	-100.0%	0	-	0	27	-100.0%
GASOIL 0.1 CARGOES CIF NE	0	0	-	0	-	0	0	-100.0%
GC ULSD VS GC JET SPREAD	0	0	-	0	-	0	0	-
MARS (ARGUS) VS WTI TRD M	472	0	-	18.64	2433.2%	472	67	602.3%
MARS (ARGUS) VS WTI SWAP	460	357.25	28.9%	237.14	94.2%	460	293	57.3%
SINGAPORE JET KERO BALMO	0	12.5	-100.0%	0	-	0	2	-100.0%
WTS (ARGUS) VS WTI TRD MT	59	184.5	-67.9%	21	182.0%	59	77	-23.0%
DUBAI CRUDE OIL BALMO	0	0	-	0	-	0	0	-100.0%
EURO 1% FUEL OIL NEW BALM	9	0.8	1038.2%	0	-	9	1	1658.5%
BRENT CFD SWAP	0	0	-	0	-	0	4	-100.0%
PREMIUM UNLND 10P FOB MED	22	28.5	-23.2%	12.14	80.4%	22	13	63.4%
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-	0	0	566.3%

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	ADV JAN 2016	ADV JAN 2015	% CHG	ADV DEC 2016	% CHG	ADV Y.T.D 2016	ADV Y.T.D 2015	% CHG
Energy Futures								
3.5% FUEL OIL CID MED SWA	15	5.5	177.5%	14.05	8.7%	15	4	331.0%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	0	0	-100.0%
ARGUS PROPAN FAR EST INDE	58	14.1	312.1%	40.32	44.1%	58	23	153.9%
ULSD 10PPM CIF VS ICE GAS	2	0	-	0	-	2	0	1764.5%
NYISO ZONE G 5MW D AH PK	97	0	-	122.95	-20.7%	97	140	-30.5%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	0	-	0	0	-100.0%
NYMEX ULSD VS NYMEX HO	0	15.75	-100.0%	0	-	0	5	-100.0%
RBOB VS HEATING OIL SWAP	39	82.5	-52.2%	99.55	-60.3%	39	48	-18.6%
GULF COAST ULSD CRACK SPR	75	22.5	233.3%	26.59	182.1%	75	16	379.2%
USGC UNL 87 CRACK SPREAD	0	8.75	-100.0%	9.09	-100.0%	0	14	-100.0%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-	0	0	-33.4%
TENNESSEE 800 LEG NG BASI	23	64.2	-64.9%	0	-	23	15	45.8%
NEPOOL W CNTR M 5MW D AH	0	0	-	0	-	0	7	-100.0%
DATED TO FRONTLINE BRENT	0	98.5	-100.0%	80.91	-100.0%	0	137	-100.0%
PJM APS ZONE DA PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	0	-	0	-	0	0	-
PJM PPL DA PEAK	0	0	-	0	-	0	13	-100.0%
PJM JCPL DA PEAK	0	0	-	0	-	0	3	-100.0%
PJM PSEG DA PEAK	0	0	-	0	-	0	0	-100.0%
PJM PSEG DA OFF-PEAK	0	0	-	0	-	0	8	-100.0%
PJM WESTH RT PEAK	2,447	0	-	1,538.73	59.1%	2,447	992	146.6%
ALGONQUIN CITYGATES BASIS	34	0	-	2.45	1276.6%	34	6	502.4%
GASOIL 0.1 CIF MED SWAP	3	0	-	0	-	3	0	1498.1%
ULSD 10PPM CIF MED SWAP	0	0	-	0	-	0	0	-
Tetco ELA Basis	0	0	-	0	-	0	5	-100.0%
EUROPE 1% FUEL OIL NWE CA	15	5.95	152.1%	6.59	127.6%	15	8	97.7%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
GULF COAST NO.6 FUEL OIL	3,409	5,021.25	-32.1%	2,879.64	18.4%	3,409	3,277	4.0%
SINGAPORE FUEL 180CST CAL	63	199.6	-68.6%	45.14	38.9%	63	88	-28.6%
SINGAPORE FUEL OIL SPREAD	11	60.6	-81.1%	13	-11.7%	11	23	-49.1%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-	0	0	-100.0%
PJM ATSI ELEC	0	0	-	0	-	0	98	-100.0%
SING FUEL	0	0	-	0	-	0	0	-100.0%
EURO-DENOMINATED PETRO PROD	4	0	-	0.45	710.6%	4	11	-65.3%
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	0	94	-100.0%
GAS EURO-BOB OXY NWE BARGES	537	495.6	8.3%	286	87.7%	537	318	68.7%
MINY RBOB GAS	0	0.25	-36.8%	0.27	-42.1%	0	0	-29.9%
RBOB UP-DOWN CALENDAR SWA	391	420	-6.8%	420.55	-6.9%	391	483	-18.9%
LA JET FUEL VS NYM NO 2 H	12	2	518.4%	2.27	444.2%	12	2	479.5%
ANR OKLAHOMA	87	75.7	14.3%	44.18	95.8%	87	46	90.1%
MICHIGAN BASIS	96	0	-	0	-	96	26	270.6%
TEXAS EASTERN ZONE M-3 BA	517	128.4	302.9%	195.82	164.2%	517	99	421.3%
NORTHERN NATURAL GAS VENTU	0	51.45	-100.0%	34.55	-100.0%	0	23	-100.0%
CIG BASIS	488	303.3	61.0%	942.18	-48.2%	488	189	157.8%
PJM DAILY	0	0	-	0	-	0	0	-
COLUMBIA GULF ONSHORE	164	0	-	42.27	287.0%	164	18	795.4%
Tetco STX Basis	0	21.4	-100.0%	0	-	0	18	-100.0%
Transco Zone 3 Basis	23	0	-	0	-	23	28	-18.3%
GULF COAST GASOLINE CLNDR	68	0.5	13584.2%	54.55	25.4%	68	29	138.3%

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Energy Futures								
CENTERPOINT EAST INDEX	0	16.8	-100.0%	0	-	0	3	-100.0%
GULF COAST ULSD CALENDAR	100	65.7	52.8%	46.77	114.6%	100	34	191.4%
LA CARB DIESEL (OPIS) SWA	7	30.8	-76.6%	28.41	-74.6%	7	30	-76.2%
EURO 3.5% FUEL OIL RDAM B	16	50.7	-69.2%	10.09	54.9%	16	25	-37.9%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
SINGAPORE GASOIL BALMO	22	0	-	7.82	182.7%	22	5	325.0%
EUROPEAN NAPHTHA BALMO	6	5.7	5.3%	2.41	149.1%	6	4	54.0%
GASOIL MINI CALENDAR SWAP	11	23.4	-53.2%	4.77	129.4%	11	13	-16.6%
NY ULSD (ARGUS) VS HEATING OIL	46	412.85	-88.8%	96.23	-52.1%	46	131	-64.8%
PJM PECO ZONE5MW PEAK CAL MO	0	0	-	0	-	0	3	-100.0%
EUROPE 1% FUEL OIL RDAM C	1	0.75	-29.8%	0	-	1	1	-19.8%
SAN JUAN BASIS SWAP	216	100.65	114.4%	234	-7.8%	216	118	83.0%
SOCAL BASIS SWAP	0	0	-	0	-	0	0	-100.0%
GULF COAST JET VS NYM 2 H	1,496	1,361	9.9%	1,591.86	-6.0%	1,496	1,066	40.4%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	-	0	0	-100.0%
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-
EURO 3.5% FUEL OIL SPREAD	48	82.95	-41.6%	40.23	20.4%	48	43	13.4%
GASOIL CALENDAR SWAP	0	0	-	1.32	-76.0%	0	1	-69.6%
BRENT FINANCIAL FUTURES	101	1,188.25	-91.5%	212.14	-52.2%	101	298	-66.0%
ICE BRENT DUBAI SWAP	0	240	-100.0%	128.64	-100.0%	0	50	-100.0%
GASOIL CRACK SPREAD CALEN	40	393.1	-89.9%	48.77	-18.7%	40	154	-74.2%
EUROPEAN NAPHTHA CRACK SPR	247	473.15	-47.8%	142	74.0%	247	308	-19.8%
CRUDE OIL	1,247	2,099.1	-40.6%	465.91	167.5%	1,247	915	36.2%
NEPOOL INTR HUB 5MW D AH	519	0	-	37.73	1276.9%	519	1,342	-61.3%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	0	390.4	-100.0%	3,187.27	-100.0%	0	942	-100.0%
PJM JCPL DA OFF-PEAK	0	0	-	0	-	0	61	-100.0%
PJM WESTH RT OFF-PEAK	16,540	3,292.8	402.3%	20,849.86	-20.7%	16,540	14,351	15.3%
CHICAGO ETHANOL SWAP	5,036	4,169.9	20.8%	2,927	72.0%	5,036	3,957	27.3%
HENRY HUB BASIS SWAP	2,079	371.6	459.6%	344.55	503.5%	2,079	584	255.8%
HENRY HUB SWAP	31,396	26,221.3	19.7%	19,819.64	58.4%	31,396	21,070	49.0%
PREM UNL GAS 10PPM RDAM FOB B	0	2.75	-100.0%	0	-	0	0	-100.0%
PREM UNL GAS 10PPM RDAM FOB S	0	1.75	-91.0%	2.05	-92.3%	0	1	-88.3%
MONT BELVIEU NORMAL BUTANE 5	1,058	855.8	23.6%	835	26.7%	1,058	828	27.7%
MONT BELVIEU ETHANE 5 DECIMAL	1,127	555.25	102.9%	830.82	35.6%	1,127	367	207.3%
MONT BELVIEU LDH PROPANE 5 DE	4,184	2,674.95	56.4%	3,805	10.0%	4,184	2,437	71.7%
SINGAPORE 180CST BALMO	6	2.55	133.2%	1.05	468.9%	6	2	228.5%
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-	0	0	-
GRP THREE UNL GS (PLT) VS	99	49.4	99.8%	87.27	13.1%	99	74	32.9%
JET BARGES VS ICE GASOIL	1	0	-	0	-	1	0	1852.6%
SINGAPORE GASOIL VS ICE	55	17.5	215.8%	0	-	55	24	133.0%
NATURAL GAS PEN SWP	4,912	16,812.95	-70.8%	9,356.36	-47.5%	4,912	8,696	-43.5%
WESTERN RAIL DELIVERY PRB	58	282	-79.5%	25.91	123.5%	58	104	-44.1%
EUROPE DATED BRENT SWAP	16	162.7	-90.3%	0	-	16	154	-89.8%
SINGAPORE JET KERO GASOIL	37	17.5	110.5%	0.91	3952.6%	37	14	156.1%
TETCO M-3 INDEX	0	0	-	194.55	-100.0%	0	44	-100.0%
PJM AECO DA PEAK	0	0	-	0	-	0	1	-100.0%
GASOIL 10PPM CARGOES CIF	0	0	-	0.14	15.8%	0	0	21.1%
WAHA BASIS	168	143.4	17.0%	346.95	-51.6%	168	162	3.9%

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Energy Futures								
LA JET (OPIS) SWAP	57	21.25	166.3%	26.59	112.8%	57	43	32.3%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	2	-100.0%
GASOIL 10PPM VS ICE SWAP	0	18.55	-98.0%	1.59	-76.8%	0	6	-93.6%
NY H OIL PLATTS VS NYMEX	0	17.5	-100.0%	0	-	0	4	-100.0%
PJM PEPCO DA OFF-PEAK	0	0	-	0	-	0	29	-100.0%
NYISO ZONE G 5MW D AH O P	0	0	-	549.09	-100.0%	0	1,013	-100.0%
EUROPEAN GASOIL (ICE)	19,737	662.65	2878.6%	15,797.55	24.9%	19,737	3,047	547.9%
ULSD UP-DOWN BALMO SWP	81	101	-20.0%	366.95	-78.0%	81	179	-54.9%
JET FUEL UP-DOWN BALMO CL	195	188.25	3.7%	171.5	13.9%	195	152	28.4%
EIA FLAT TAX ONHWAY DIESE	189	43.8	332.1%	54.23	249.0%	189	37	407.2%
NY 2.2% FUEL OIL (PLATTS	6	0	-	15.45	-59.1%	6	4	63.1%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-100.0%
HEATING OIL BALMO CLNDR S	4	0	-	2.73	44.7%	4	7	-44.9%
INDIANA MISO	0	53.3	-100.0%	0	-	0	9	-100.0%
PETROLEUM PRODUCTS ASIA	62	76.4	-18.6%	81.36	-23.6%	62	79	-21.3%
AUSTRIALIAN COKE COAL	17	11.95	40.1%	0.55	2968.2%	17	7	124.0%
PETROLEUM PRODUCTS	40	9.7	312.4%	0	-	40	2	1991.0%
COAL SWAP	55	50.35	8.8%	38.18	43.5%	55	29	90.4%
TC2 ROTTERDAM TO USAC 37K	0	0.65	-100.0%	0	-	0	0	-100.0%
NYISO A OFF-PEAK	0	0	-	0	-	0	2	-100.0%
NYISO G OFF-PEAK	0	0	-	0	-	0	1	-100.0%
ISO NEW ENGLAND OFF-PEAK	0	0	-	0	-	0	0	-
SINGAPORE 380CST FUEL OIL	322	296.25	8.5%	258.32	24.5%	322	251	28.1%
SINGAPORE JET KEROSENE SW	22	105.35	-78.8%	40	-44.1%	22	65	-65.4%
SINGAPORE NAPHTHA SWAP	0	2.5	-100.0%	0	-	0	5	-100.0%
FLORIDA GAS ZONE3 BASIS S	0	428	-100.0%	0	-	0	57	-100.0%
TRANSCO ZONE4 BASIS SWAP	143	930.9	-84.6%	266.64	-46.4%	143	300	-52.4%
ANR LOUISIANA BASIS SWAP	0	21.4	-100.0%	0	-	0	12	-100.0%
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	0	2	-100.0%
DUBAI CRUDE OIL CALENDAR	97	94.1	3.0%	145.55	-33.4%	97	187	-48.1%
NGPL MIDCONTINENT INDEX	0	0	-	0	-	0	1	-100.0%
PANHANDLE BASIS SWAP FUTU	369	435.25	-15.3%	347.55	6.1%	369	521	-29.2%
SONAT BASIS SWAP FUTURE	0	128.4	-100.0%	0	-	0	58	-100.0%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	0	-100.0%
FUEL OIL NWE CRACK VS ICE	0	10.05	-100.0%	0	-	0	1	-100.0%
EUROPE 3.5% FUEL OIL RDAM	387	762.75	-49.3%	206.55	87.4%	387	389	-0.6%
GULF COAST 3% FUEL OIL BA	87	146.75	-40.7%	22.41	288.2%	87	49	77.1%
NY1% VS GC SPREAD SWAP	121	72.75	66.4%	101.36	19.4%	121	109	10.8%
GASOIL 0.1 CIF NWE VS ISE	0	7.25	-100.0%	0	-	0	1	-100.0%
JET CIF NWE VS ICE	1	13.5	-92.2%	7.32	-85.6%	1	5	-79.1%
EUROPE JET KERO NWE CALSW	0	5.25	-100.0%	0.23	-100.0%	0	2	-100.0%
JAPAN NAPHTHA BALMO SWAP	5	3	61.4%	1.09	343.9%	5	2	142.6%
ARGUS PROPAN(SAUDI ARAMCO	56	30.05	86.5%	40.41	38.7%	56	28	99.0%
NYISO G	0	0	-	0	-	0	2	-100.0%
NYISO J	0	4.4	-100.0%	1	-100.0%	0	13	-100.0%
NGPL MID-CONTINENT	386	273.5	41.1%	310.18	24.4%	386	200	92.9%
BRENT BALMO SWAP	1	15.15	-93.1%	4.55	-76.8%	1	19	-94.5%
HENRY HUB SWING FUTURE	15	0	-	0	-	15	5	221.8%
EUROPE NAPHTHA CALSWAP	43	110.25	-61.4%	43.5	-2.2%	43	59	-28.1%

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Energy Futures								
NY HARBOR RESIDUAL FUEL 1	329	294.6	11.6%	314	4.7%	329	245	34.0%
PERMIAN BASIS SWAP	336	32.1	945.6%	674.73	-50.3%	336	146	130.3%
JAPAN C&F NAPHTHA CRACK S	81	12.5	548.0%	4.41	1737.1%	81	13	533.1%
EMMISSIONS	0	0	-	0	-	0	2	-100.0%
PETRO CRCKS & SPRDS ASIA	55	18.5	198.7%	20.45	170.2%	55	8	553.3%
NYISO CAPACITY	9	39	-77.3%	31.82	-72.2%	9	35	-74.8%
GASOIL 0.1 ROTTERDAM BARG	0	0	-	0	-	0	0	-100.0%
GRP THREE ULSD(PLT)VS HEA	124	197.95	-37.2%	180.27	-31.1%	124	182	-31.7%
GASOIL 0.1CIF MED VS ICE	4	1.5	180.7%	3.41	23.5%	4	1	333.0%
PJM AECO DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM PPL DA OFF-PEAK	0	0	-	0	-	0	242	-100.0%
PJM DAYTON DA PEAK	0	0	-	174.77	-100.0%	0	65	-100.0%
PREMIUM UNLEAD 10PPM FOB	2	1.45	23.4%	0	-	2	3	-35.1%
PJM WESTH DA OFF-PEAK	0	0	-	2,669.09	-100.0%	0	3,193	-100.0%
GASOIL 0.1 RDAM BRGS VS I	0	1.25	-100.0%	0.55	-100.0%	0	1	-100.0%
GASOIL 10P CRG CIF NW VS	1	1.25	-57.9%	0	-	1	0	166.3%
PJM WESTHDA PEAK	24	0	-	115.45	-79.0%	24	167	-85.5%
NEPOOL RHODE IL 5MW D AH	0	0	-	0	-	0	433	-100.0%
CHICAGO UNL GAS PL VS RBO	59	1.75	3283.5%	0	-	59	1	4242.2%
NYISO ZONE A 5MW D AH O P	0	11,414.4	-100.0%	638.18	-100.0%	0	1,712	-100.0%
CIN HUB 5MW D AH O PK	3,920	4,700	-16.6%	0	-	3,920	706	455.4%
PJM COMED 5MW D AH O PK	0	0	-	96.36	-100.0%	0	342	-100.0%
TRANSCO ZONE 1 NG BASIS	0	0	-	0	-	0	1	-100.0%
PJM DUQUESNE 5MW D AH PK	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH PK	0	208.75	-100.0%	92.5	-100.0%	0	76	-100.0%
SOUTH STAR TEX OKLHM KNS	0	0	-	0	-	0	29	-100.0%
NY 3.0% FUEL OIL (PLATTS	4	13.75	-71.3%	47.73	-91.7%	4	21	-81.0%
ARGUS LLS VS. WTI (ARG) T	663	155.35	326.5%	662.64	0.0%	663	388	70.8%
NO 2 UP-DOWN SPREAD CALEN	70	12.5	457.9%	6.82	922.8%	70	16	337.4%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
PROPANE NON-LDH MT. BEL (OPIS)	484	219.8	120.3%	211.82	128.6%	484	359	34.9%
PROPANE NON-LDH MB (OPIS) BAL	41	12.5	225.9%	0	-	41	10	310.1%
JET AV FUEL (P) CAR FM ICE GAS S	0	0.5	-100.0%	1.86	-100.0%	0	1	-100.0%
SINGAPORE MOGAS 92 UNLEADED	402	567.55	-29.3%	375.14	7.0%	402	318	26.3%
NY JET FUEL (PLATTS) HEAT OIL SM	0	36	-100.0%	0	-	0	7	-100.0%
SINGAPORE MOGAS 92 UNLEADED	0	39.25	-100.0%	9.55	-100.0%	0	14	-100.0%
ETHANOL T2 FOB ROTT INCL DUTY	95	125.7	-24.2%	31.36	203.7%	95	116	-18.0%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-	0	0	-
FUEL OIL (PLATS) CAR CM	6	6	7.9%	0	-	6	1	520.4%
FUEL OIL (PLATS) CAR CN	0	0.25	-100.0%	0	-	0	1	-100.0%
GROUP THREE ULSD (PLATTS)	0	10	-100.0%	0	-	0	1	-100.0%
MICHIGAN MISO	4,132	4,954.5	-16.6%	0	-	4,132	507	715.2%
INDONESIAN COAL	0	19.25	-100.0%	2.73	-100.0%	0	7	-100.0%
ETHANOL FWD	26	43.6	-39.9%	30.45	-13.9%	26	37	-28.9%
CANADIAN LIGHT SWEET OIL	56	7.5	647.4%	155.59	-64.0%	56	58	-3.1%
NATURAL GAS FIXED PRICE SWAP F	0	0	-	0	-	0	51	-100.0%
MARS BLEND CRUDE OIL	6	0	-	0	-	6	0	-
3.5% FUEL OIL CIF BALMO S	0	4.5	-94.2%	0	-	0	1	-56.5%
DEMARC INDEX FUTURE	0	0	-	0	-	0	0	-

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	ADV JAN 2016	ADV JAN 2015	% CHG	ADV DEC 2016	% CHG	ADV Y.T.D 2016	ADV Y.T.D 2015	% CHG
Energy Futures								
GASOIL 0.1 CIF MED BALMO	0	0	-	0	-	0	0	-100.0%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-	0	3	-100.0%
DIESEL10PPM BARG VS ICE LS	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARG	5	22.05	-77.3%	11.14	-55.1%	5	14	-63.8%
TCO NG INDEX SWAP	0	0	-	0	-	0	15	-100.0%
NY HARBOR LOW SULPUR GAS 100C	0	0	-	0	-	0	16	-100.0%
VENTURA NAT GAS PLATTS FIXED F	0	0	-	0	-	0	0	-100.0%
EU LOW SULPHUR GASOIL CRACK	0	0	-	0	-	0	0	-
TRANSCO ZONE 6 PIPE SWAP	0	0	-	0	-	0	0	-100.0%
NAT GAS BASIS SWAP	16	0	-	0	-	16	21	-23.8%
COLUMBIA GULF NAT GAS FIXED PF	0	0	-	0	-	0	2	-100.0%
MJB FUT	0	0	-	0	-	0	0	-100.0%
CENTER POINT NAT GAS FIXED PRI	0	0	-	0	-	0	0	-100.0%
ELEC ERCOT DLY OFF PK	0	0	-	0	-	0	0	-
TRANSCO ZONE 6 INDEX	32	1.8	1666.1%	0	-	32	0	10482.4%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
MINI RBOB V. EBOBARG NWE BRGS	26	37	-28.9%	2.27	1057.9%	26	19	38.6%
MINI RBOB V. EBOB(ARGUS) NWE B	39	41.8	-7.5%	43.36	-10.8%	39	35	11.6%
SUMAS NAT GAS PLATTS FIXED PRI	0	0	-	0	-	0	11	-100.0%
Energy Options								
PETRO OUTRIGHT EURO	0	0	-	0	-	0	1	-100.0%
PETROCHEMICALS	119	45.25	163.4%	5.45	2085.5%	119	60	98.5%
NATURAL GAS OPTION ON CALEND	376	200	87.9%	40	839.5%	376	51	630.2%
ELEC MISO PEAK	0	0	-	0	-	0	10	-100.0%
HENRY HUB FINANCIAL LAST	64	163	-60.5%	75.32	-14.6%	64	94	-31.2%
NATURAL GAS PHY	119,205	102,337.05	16.5%	124,762.77	-4.5%	119,205	90,496	31.7%
CRUDE OIL OUTRIGHTS	8	0	-	227.27	-96.5%	8	89	-91.1%
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
ELEC FINSETTLED	0	0.05	-100.0%	0	-	0	0	-100.0%
APPALACHIAN COAL	0	2	-100.0%	0	-	0	0	-100.0%
HEATING OIL PHY	3,585	2,431.75	47.4%	2,935.27	22.1%	3,585	2,422	48.0%
PJM MONTHLY	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	657	862.65	-23.9%	877.5	-25.1%	657	656	0.2%
BRENT CALENDAR SWAP	2	2,745	-99.9%	92.45	-98.3%	2	605	-99.7%
NATURAL GAS 3 M CSO FIN	188	20	839.5%	0	-	188	259	-27.4%
RBOB PHY	2,120	1,499.3	41.4%	1,216.73	74.2%	2,120	1,396	51.8%
PGE CITYGATE PIPE SWAP	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	0	0	-	16.36	-100.0%	0	20	-100.0%
NATURAL GAS 2 M CSO FIN	0	0	-	0	-	0	20	-100.0%
SINGAPORE JET FUEL CALEND	0	0	-	0	-	0	6	-100.0%
WTI-BRENT BULLET SWAP	2,464	2,010	22.6%	1,062.27	132.0%	2,464	1,061	132.3%
WTI 12 MONTH CALENDAR OPT	0	0	-	0	-	0	8	-100.0%
CRUDE OIL APO	477	11,419.25	-95.8%	633.45	-24.6%	477	2,857	-83.3%
WTI CRUDE OIL 1 M CSO FI	11,999	11,885	1.0%	3,306.18	262.9%	11,999	7,295	64.5%
NATURAL GAS 6 M CSO FIN	11	158.75	-93.4%	0	-	11	185	-94.3%
RBOB CALENDAR SWAP	3	0.6	321.1%	122.27	-97.9%	3	86	-97.0%
CRUDE OIL PHY	240,624	186,447.15	29.1%	152,269.55	58.0%	240,624	159,263	51.1%

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	ADV JAN 2016	ADV JAN 2015	% CHG	ADV DEC 2016	% CHG	ADV Y.T.D 2016	ADV Y.T.D 2015	% CHG
Energy Options								
MCCLOSKEY ARA ARGV COAL	0	180	-100.0%	0	-	0	36	-100.0%
MCCLOSKEY RCH BAY COAL	0	60	-100.0%	0	-	0	7	-100.0%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	0	-	0	2	-100.0%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	15	-100.0%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	25	-100.0%
SOCAL PIPE SWAP	0	0	-	0	-	0	0	-
ETHANOL SWAP	347	233.5	48.5%	263.59	31.6%	347	304	14.1%
SHORT TERM NATURAL GAS	383	132.5	189.4%	269.77	42.1%	383	209	83.1%
SHORT TERM CRUDE OIL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	594	929.45	-36.1%	85.45	594.8%	594	429	38.4%
SINGAPORE GASOIL CALENDAR	0	0	-	0	-	0	1	-100.0%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-
DAILY CRUDE OIL	0	70	-100.0%	0	-	0	32	-100.0%
EURO-DENOMINATED PETRO PROD	0	0	-	0	-	0	0	-100.0%
GASOIL CRACK SPREAD AVG PRICE	0	0	-	0	-	0	0	-
HO 1 MONTH CLNDR OPTIONS	211	0	-	0	-	211	14	1421.8%
CRUDE OIL 1MO	11,334	16,598.05	-31.7%	5,598.86	102.4%	11,334	9,325	21.5%
ROTTERDAM 3.5%FUEL OIL CL	2	2.25	-6.4%	0	-	2	2	-13.4%
NATURAL GAS 12 M CSO FIN	0	0	-	18.18	-100.0%	0	10	-100.0%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-
PJM CALENDAR STRIP	0	10	-100.0%	0	-	0	6	-100.0%
SHORT TERM	271	29	833.8%	37.5	622.1%	271	82	230.3%
COAL SWAP	11	84.5	-87.5%	0	-	11	18	-41.6%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-	0	1	-100.0%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-	0	11	-100.0%
NYMEX EUROPEAN GASOIL APO	0	10.2	-100.0%	0	-	0	6	-100.0%
COAL API2 INDEX	1,712	729	134.8%	510.68	235.2%	1,712	660	159.3%
COAL API4 INDEX	16	17.5	-9.8%	0	-	16	8	99.7%
NATURAL GAS 1 M CSO FIN	904	5,924.95	-84.7%	762.73	18.5%	904	1,074	-15.8%
PJM WES HUB PEAK CAL MTH	0	0	-	0	-	0	1	-100.0%
NG HH 3 MONTH CAL	13	0	-	0	-	13	0	-
PJM ELECTRIC	0	0	-	0	-	0	0	-
GASOLINE	0	0	-	0	-	0	0	-100.0%
LLS CRUDE OIL	0	0	-	0	-	0	16	-100.0%
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-	0	0	-100.0%

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	ADV JAN 2016	ADV JAN 2015	% CHG	ADV DEC 2016	% CHG	ADV Y.T.D 2016	ADV Y.T.D 2015	% CHG
Metals Futures								
PALLADIUM	4,744	4,989.35	-4.9%	3,043.45	55.9%	4,744	5,314	-10.7%
NYMEX PLATINUM	14,958	12,150.85	23.1%	18,577.77	-19.5%	14,958	14,392	3.9%
NYMEX HOT ROLLED STEEL	161	154.8	4.0%	145.27	10.8%	161	232	-30.8%
URANIUM	21	9.3	126.4%	54.45	-61.3%	21	18	17.1%
COMEX SILVER	50,550	48,975.3	3.2%	39,312.5	28.6%	50,550	53,179	-4.9%
COMEX GOLD	215,894	225,396.95	-4.2%	124,328.95	73.6%	215,894	165,404	30.5%
COMEX MINY GOLD	374	452.85	-17.4%	192.55	94.3%	374	264	41.8%
COMEX COPPER	69,683	68,812.95	1.3%	47,691.36	46.1%	69,683	67,139	3.8%
COMEX MINY COPPER	23	103.25	-77.9%	17.41	30.9%	23	36	-37.1%
COMEX MINY SILVER	28	56.15	-49.5%	23.77	19.3%	28	39	-26.9%
COPPER	22	33.85	-33.6%	4.45	404.5%	22	26	-13.0%
E-MICRO GOLD	2,850	1,850.8	54.0%	2,354.73	21.0%	2,850	1,611	76.9%
SILVER	315	691.95	-54.5%	207.68	51.5%	315	355	-11.5%
FERROUS PRODUCTS	0	0	-	0	-	0	2	-100.0%
IRON ORE 58 CHINA TSI FUTURES	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA PLATTS FUTUR	0	3	-100.0%	0	-	0	10	-100.0%
GOLD	337	13.9	2325.6%	345.27	-2.4%	337	203	66.2%
LNDN ZINC	2	0	-	0	-	2	2	51.8%
IRON ORE 62 CHINA TSI FUTURES	1,550	112.75	1274.6%	694.36	123.2%	1,550	538	188.0%
ALUMINIUM	128	23.85	437.6%	81.91	56.5%	128	34	273.1%
Aluminium MW Trans Prem Platts	383	145.7	162.8%	135.95	181.7%	383	148	158.7%
Metals Options								
PALLADIUM	108	307.85	-65.0%	29.14	270.3%	108	170	-36.5%
NYMEX PLATINUM	318	310.15	2.5%	124.86	154.7%	318	230	38.1%
COMEX SILVER	3,847	8,339.1	-53.9%	2,925.95	31.5%	3,847	4,841	-20.5%
COMEX GOLD	37,999	36,712.8	3.5%	23,262.95	63.3%	37,999	29,781	27.6%
COMEX COPPER	88	98.95	-10.8%	61.09	44.5%	88	107	-17.6%
COPPER	0	0	-	0	-	0	0	-100.0%
SILVER	0	48.45	-99.5%	0	-	0	5	-94.2%
IRON ORE 62 CHINA TSI PUT OPTIO	235	63	273.4%	236.18	-0.4%	235	194	21.0%
GOLD	163	174.3	-6.3%	73.09	123.4%	163	94	73.6%
IRON ORE 62 CHINA TSI CALL OPTIC	204	89	129.5%	220.91	-7.6%	204	96	112.1%
Ags Futures								
PALM OIL	0	0	-	0	-	0	1	-100.0%
Foreign Exchange Futures								
CHILEAN PESO	0	0.5	-36.8%	0.09	247.4%	0	0	9.5%

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TOTAL FUTURES GROUP								
Interest Rate Futures	6,161,311	5,954,341.65	3.5%	4,115,956.41	49.7%	6,161,311	5,185,312	18.8%
Equity Index Futures	3,390,829	2,579,714.75	31.4%	2,553,028.32	32.8%	3,390,829	2,232,969	51.9%
Metals Futures	362,024	363,977.55	-0.5%	237,211.86	52.6%	362,024	308,948	17.2%
Energy Futures	2,197,586	1,847,514.15	18.9%	1,758,634.91	25.0%	2,197,586	1,689,427	30.1%
FX Futures	879,115	892,283.35	-1.5%	807,326.68	8.9%	879,115	786,070	11.8%
Commodities and Alternative Invest	921,114	872,999.1	5.5%	850,093.32	8.4%	921,114	1,017,489	-9.5%
Ags Futures	0	0	-	0	-	0	1	-100.0%
Foreign Exchange Futures	0	0.5	-36.8%	0.09	247.4%	0	0	9.5%
TOTAL FUTURES	13,911,979	12,510,831.05	11.2%	10,322,251.59	34.8%	13,911,979.37	11,220,214.88	24.0%
TOTAL OPTIONS GROUP								
Interest Rate Options	2,774,010	1,731,267.8	60.2%	1,576,540	76.0%	2,774,010	1,534,210	80.8%
Equity Index Options	744,964	610,437.6	22.0%	548,749.41	35.8%	744,964	554,506	34.3%
Metals Options	42,963	46,143.6	-6.9%	26,934.18	59.5%	42,963	35,518	21.0%
Energy Options	397,698	347,237.7	14.5%	295,189.64	34.7%	397,698	279,235	42.4%
FX Options	89,422	100,953.5	-11.4%	74,942.64	19.3%	89,422	83,161	7.5%
Commodities and Alternative Invest	214,681	272,138.15	-21.1%	191,272.91	12.2%	214,681	252,745	-15.1%
TOTAL OPTIONS	4,263,738	3,108,178.35	37.2%	2,713,628.77	57.1%	4,263,737.69	2,739,375.25	55.6%
TOTAL COMBINED								
Commodities and Alternative Invest	1,135,795	1,145,137.25	-0.8%	1,041,366.23	9.1%	1,135,795	1,270,234	-10.6%
FX	968,537	993,236.85	-2.5%	882,269.32	9.8%	968,537	869,232	11.4%
Equity Index	4,135,794	3,190,152.35	29.6%	3,101,777.73	33.3%	4,135,794	2,787,474	48.4%
Interest Rate	8,935,321	7,685,609.45	16.3%	5,692,496.41	57.0%	8,935,321	6,719,522	33.0%
Energy	2,595,283	2,194,751.85	18.2%	2,053,824.55	26.4%	2,595,283	1,968,661	31.8%
Metals	404,987	410,121.15	-1.3%	264,146.05	53.3%	404,987	344,466	17.6%
Ags	0	0	-	0	-	0	1	-100.0%
Foreign Exchange	0	0.5	-36.8%	0.09	247.4%	0	0	9.5%
GRAND TOTAL	18,175,717	15,619,009.4	16.4%	13,035,880.37	39.4%	18,175,717.05	13,959,590.14	30.2%

*** Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

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