

CME Group Exchange ADV Report - Monthly

November 2015

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	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Commodities and Alternative Investments Futures								
HDD SEASONAL STRIP	11	5.26	113.7%	12.5	-10.0%	4	3	29.8%
CDD SEASONAL STRIP	0	0	-	0	-	6	0	1431.8%
CDD WEATHER	0	0	-	0	-	26	29	-11.7%
HDD WEATHER EUROPEAN	3	13.16	-81.0%	0	-	0	7	-96.9%
WKLY AVG TEMP	0	0	-	0	-	0	3	-100.0%
HDD WEATHER	74	56.58	30.3%	6.82	981.6%	35	28	24.0%
HOUSING INDEX	1	0.47	79.5%	0.41	107.8%	0	1	-31.9%
MILK	1,124	1,340.21	-16.1%	820.41	37.1%	1,084	1,423	-23.9%
HDD EURO SEASONAL STRIP	0	65.79	-100.0%	0	-	0	25	-98.3%
CASH-SETTLED CHEESE	591	538.53	9.7%	337.73	74.9%	453	319	41.9%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	2	-100.0%
LIVE CATTLE	60,696	50,658	19.8%	55,566.5	9.2%	53,104	53,965	-1.6%
BUTTER CS	104	123.05	-15.3%	69.91	49.1%	121	139	-12.5%
LUMBER	574	471.53	21.7%	957.32	-40.1%	802	637	25.9%
DRY WHEY	99	105.42	-6.6%	85.73	14.9%	81	71	14.2%
CLASS IV MILK	34	37.47	-10.2%	37.41	-10.0%	44	97	-55.0%
NFD MILK	263	124.11	111.9%	245.5	7.1%	193	113	70.7%
GSCI EXCESS RETURN FUT	45	26.84	66.0%	19.5	128.5%	825	801	2.9%
LEAN HOGS	41,834	37,262.32	12.3%	32,612.73	28.3%	38,997	42,289	-7.8%
FEEDER CATTLE	9,611	6,782.63	41.7%	11,008.32	-12.7%	9,794	8,398	16.6%
MLK MID	0	0	-	0	-	0	0	-
GOLDMAN SACHS	1,446	1,216.47	18.9%	1,283.77	12.6%	1,390	1,088	27.7%
COCOA TAS	25	2.53	885.6%	9.95	150.1%	7	1	481.9%
SUGAR 11	9	3.84	130.3%	2.14	314.2%	6	3	94.1%
COFFEE	2	1.21	52.8%	1.64	13.1%	3	2	58.7%
COTTON	1	3.79	-76.3%	1.95	-54.0%	2	3	-15.6%
MINI WHEAT	321	356.32	-9.8%	253.18	26.9%	340	401	-15.3%
CORN	436,826	391,564	11.6%	259,484.05	68.3%	340,774	275,545	23.7%
SOYBEAN MEAL	107,372	108,989.16	-1.5%	95,756.59	12.1%	96,138	81,894	17.4%
SOYBEAN OIL	133,369	125,592.47	6.2%	114,522.36	16.5%	112,438	94,323	19.2%
ROUGH RICE	955	543.16	75.9%	1,979.59	-51.7%	1,202	896	34.2%
DOW-UBS COMMOD INDEX	1,196	519.11	130.3%	750.82	59.2%	1,337	1,014	31.8%
MINI SOYBEAN	614	1,628.95	-62.3%	1,243.91	-50.7%	925	1,257	-26.4%
OATS	1,249	1,152.79	8.3%	600.73	107.9%	789	796	-0.8%
SOYBEAN	165,729	192,693.05	-14.0%	284,163.41	-41.7%	212,674	195,117	9.0%
MINI CORN	567	1,019.74	-44.4%	426.05	33.0%	542	684	-20.7%
ETHANOL	561	1,004.58	-44.2%	497.18	12.7%	757	965	-21.6%
DOW-UBS COMMOD INDEX SWAP	0	0	-	0	-	0	0	-
GRAIN BASIS SWAPS	0	0	-	0	-	0	0	-100.0%
FERTILIZER PRODUCTS	149	68.68	116.6%	90.45	64.4%	102	67	52.0%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	340	320	6.2%
OTC SP GSCI ER SWAP	0	0	-	0	-	0	8	-100.0%
CHI WHEAT	157,218	125,658.95	25.1%	105,543.95	49.0%	127,660	102,591	24.4%
KC WHEAT	45,507	29,909.21	52.2%	22,961.32	98.2%	30,200	23,290	29.7%
DJ_UBS ROLL SELECT INDEX FUTU	0	0	-	0	-	30	16	85.8%
MALAYSIAN PALM SWAP	217	254.74	-14.8%	220.18	-1.4%	208	171	21.6%
Intercommodity Spread	0	0	-	0	-	0	0	-

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Commodities and Alternative Investments Options								
HDD SEASONAL STRIP	5	100	-95.0%	386.36	-98.7%	74	95	-22.1%
CDD SEASONAL STRIP	0	0	-	0	-	290	137	112.0%
CDD WEATHER	0	0	-	0	-	1	9	-92.9%
HDD WEATHER EUROPEAN	0	26.32	-100.0%	90.91	-100.0%	13	7	81.8%
HDD WEATHER	0	31.58	-100.0%	0	-	12	24	-50.1%
HOUSING INDEX	0	0	-	0	-	0	0	-100.0%
LV CATL CSO	0	2.11	-100.0%	0	-	0	2	-84.6%
SBIN HURR	0	0	-	0	-	0	0	-
SNOWFALL	0	0	-	0	-	0	1	-100.0%
MILK	933	1,661.84	-43.9%	796.59	17.1%	1,051	1,436	-26.8%
HDD EURO SEASONAL STRIP	0	131.58	-100.0%	45.45	-100.0%	32	138	-76.5%
CASH-SETTLED CHEESE	556	349.42	59.2%	298.45	86.3%	294	155	89.7%
CAT WEATHER EUROPEAN	0	0	-	0	-	13	30	-56.4%
LIVE CATTLE	21,355	13,179.74	62.0%	18,540.95	15.2%	15,151	16,037	-5.5%
BUTTER CS	10	70.21	-85.7%	13.64	-26.3%	50	48	5.6%
LUMBER	39	37.42	3.2%	44.59	-13.4%	53	55	-3.1%
DRY WHEY	1	9.16	-89.1%	1.23	-18.5%	12	18	-30.8%
CLASS IV MILK	20	18.79	3.8%	66.05	-70.5%	34	82	-58.7%
NFD MILK	206	98.63	108.9%	345.73	-40.4%	181	65	178.9%
LEAN HOGS	15,059	9,548.58	57.7%	9,630.77	56.4%	11,294	12,332	-8.4%
FEEDER CATTLE	1,608	1,568.58	2.5%	1,666.73	-3.5%	1,695	1,490	13.8%
MLK MID	2	9.79	-75.5%	2.77	-13.4%	2	5	-61.9%
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-	55	24	126.5%
CORN	71,170	87,366.68	-18.5%	66,005.82	7.8%	100,056	84,312	18.7%
SOYBEAN MEAL	12,315	16,717.53	-26.3%	11,273.55	9.2%	11,711	10,272	14.0%
SOYBEAN OIL	9,604	8,025.11	19.7%	9,392.5	2.3%	7,944	6,903	15.1%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	16	-100.0%
DEC-JULY CORN CAL SPRD	2	0	-	98.41	-98.2%	44	4	987.7%
DEC-DEC CORN CAL SPRD	37	36.63	0.3%	61.18	-39.9%	18	11	66.0%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	4	-92.5%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-	0	2	-100.0%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	3	-100.0%
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-	1	0	-
ROUGH RICE	73	44.74	63.5%	128.68	-43.2%	89	65	38.2%
WHEAT	4	0	-	0	-	2	1	62.9%
WHEAT-CORN ICSD	18	76.32	-76.4%	31.82	-43.4%	72	61	18.4%
CORN NEARBY+2 CAL SPRD	496	128.42	286.0%	256.14	93.5%	220	354	-37.8%
SOYBN NEARBY+2 CAL SPRD	0	8	-100.0%	0	-	1	34	-96.4%
WHEAT NEARBY+2 CAL SPRD	324	128.68	151.5%	351.14	-7.8%	567	254	123.2%
SOY OIL NEARBY+2 CAL SPRD	0	0	-	0	-	0	10	-96.7%
SOYMEAL NEARBY+2 CAL SPRD	0	2.63	-100.0%	0	-	1	1	55.9%
JULY-DEC CORN CAL SPRD	55	63.58	-13.8%	360.68	-84.8%	141	357	-60.6%
DEC-JULY WHEAT CAL SPRD	0	31.05	-100.0%	0	-	0	5	-96.9%
JULY-NOV SOYBEAN CAL SPRD	111	33.95	227.4%	46.95	136.7%	161	228	-29.6%
OATS	80	140.68	-43.3%	75.23	6.0%	85	99	-14.1%
SOYBEAN	52,025	69,358.68	-25.0%	70,238	-25.9%	74,707	71,098	5.1%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	1	-80.7%
SOYBEAN CRUSH	23	15.53	49.1%	17	36.2%	9	12	-23.2%
MAY-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	1	-100.0%

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Commodities and Alternative Investments Options								
CHI WHEAT	22,607	20,540.37	10.1%	25,584.05	-11.6%	30,445	24,393	24.8%
KC WHEAT	1,955	1,805.42	8.3%	943.91	107.1%	1,950	1,756	11.0%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	0	0	-100.0%
MAR-JULY WHEAT CAL SPRD	85	4.21	1928.3%	240.77	-64.5%	32	2	1736.0%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-	5	0	-
NOV-DEC SOYBEAN CSO	0	0	-	0	-	0	3	-100.0%
Intercommodity Spread	0	0	-	14.77	-100.0%	4	0	5128.6%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	24	16	43.3%
MAR-JULY CORN CAL SPRD	15	10.53	42.5%	0	-	1	2	-34.5%
DEC-JUL SOYBEAN OIL CSO	0	0	-	0	-	0	1	-100.0%
FX Futures								
TURKISH LIRA	0	0.26	-62.0%	0.23	-56.0%	1	80	-99.3%
TURKISH LIRA (EU)	0	0.16	-100.0%	0.05	-100.0%	0	57	-99.9%
JAPANESE YEN	110,061	199,541.68	-44.8%	135,681.82	-18.9%	143,310	152,063	-5.8%
KOREAN WON	2	0.11	1561.9%	0.14	1183.0%	2	9	-80.1%
CD/JY CROSS RATES	0	0.42	-100.0%	0.77	-100.0%	1	5	-76.6%
CANADIAN DOLLAR	52,021	62,716.53	-17.1%	58,350.59	-10.8%	67,843	59,907	13.2%
AD/NE CROSS RATES	0	5.47	-91.8%	1.55	-70.9%	2	9	-73.2%
BRITISH POUND	75,318	91,612.47	-17.8%	74,342.23	1.3%	95,928	98,560	-2.7%
RUSSIAN RUBLE	1,727	2,051.47	-15.8%	745.14	131.7%	1,572	1,478	6.4%
SWISS FRANC	22,919	43,915.95	-47.8%	17,350.05	32.1%	21,760	38,250	-43.1%
NEW ZEALND DOLLAR	17,206	24,431.32	-29.6%	19,806.86	-13.1%	19,947	16,302	22.4%
BP/JY CROSS RATES	44	97.11	-54.6%	29.82	47.9%	54	203	-73.5%
SHEKEL	0	0.21	-100.0%	0.05	-100.0%	0	24	-99.6%
E-MICRO USD/CAD	0	0	-	0	-	0	0	557.0%
E-MICRO GBP/USD	1,422	1,447	-1.7%	1,810.82	-21.5%	1,975	1,438	37.4%
E-MICRO USD/CHF	0	0	-	0	-	0	0	-9.2%
E-MICRO EUR/USD	12,549	8,654.37	45.0%	15,653.55	-19.8%	17,206	7,815	120.2%
E-MICRO USD/JPY	0	0.53	-90.5%	0	-	0	0	-5.6%
E-MICRO AUD/USD	2,189	2,649.68	-17.4%	2,791	-21.6%	2,604	2,060	26.4%
AUSTRALIAN DOLLAR	80,024	109,058.63	-26.6%	79,659.32	0.5%	93,311	90,194	3.5%
E-MINI JAPANESE YEN	448	914.68	-51.0%	578.14	-22.4%	831	700	18.7%
EFX/JY CROSS RATES	1,670	2,342.79	-28.7%	1,774.23	-5.9%	2,088	2,218	-5.9%
RMB USD	10	22.37	-57.1%	17	-43.5%	21	16	29.4%
EFX/BP CROSS RATES	2,113	2,256.53	-6.4%	2,074.64	1.8%	2,822	2,948	-4.3%
EFX/SF CROSS RATES	1,038	2,016.11	-48.5%	956.45	8.5%	1,461	1,823	-19.9%
INDIAN RUPEE	453	35.95	1159.2%	474.18	-4.5%	534	44	1122.6%
EC/SEK CROSS RATES	3	0.37	632.9%	4	-32.5%	18	36	-48.2%
S.AFRICAN RAND	807	419.74	92.2%	572.86	40.9%	768	485	58.3%
MEXICAN PESO	33,945	35,938.32	-5.5%	38,489.68	-11.8%	42,815	41,603	2.9%
EURO FX	212,150	240,257.58	-11.7%	202,508.82	4.8%	256,615	207,176	23.9%
SF/JY CROSS RATES	0	0	-	0	-	0	0	-100.0%
EC/CD CROSS RATES	62	93.05	-33.7%	45.55	35.4%	113	161	-29.6%
EC/NOK CROSS RATES	0	0	-	0	-	3	5	-30.7%
EC/AD CROSS RATES	40	44.89	-11.3%	54.86	-27.5%	87	64	35.7%
BP/SF CROSS RATES	0	20	-99.3%	1	-85.0%	6	19	-66.8%

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FX Futures								
E-MINI EURO FX	4,026	4,007.53	0.5%	4,207.73	-4.3%	5,854	3,631	61.2%
MICRO CHF/USD	84	132.47	-36.3%	126.59	-33.4%	111	192	-42.0%
POLISH ZLOTY (EC)	0	5.26	-100.0%	0.09	-100.0%	0	143	-99.8%
AD/JY CROSS RATES	148	304.37	-51.2%	108.5	36.8%	191	279	-31.6%
AD/CD CROSS RATES	0	4.16	-92.8%	0.14	119.9%	1	4	-76.7%
HUNGARIAN FORINT (US)	0	0.11	-100.0%	0	-	0	2	-99.6%
CZECK KORUNA (EC)	0	0	-	0	-	0	0	-100.0%
POLISH ZLOTY (US)	11	97.63	-88.9%	10.55	2.9%	25	97	-74.1%
SKR/USD CROSS RATES	45	33.16	34.5%	30.91	44.3%	53	48	10.1%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	3	-100.0%
CZECK KORUNA (US)	0	0.05	-100.0%	0	-	0	0	-100.0%
NKR/USD CROSS RATE	32	41.53	-23.8%	25.82	22.6%	50	58	-13.4%
BRAZIL REAL	4,095	6,664.74	-38.6%	1,982.68	106.6%	2,762	2,575	7.3%
E-MICRO USD/CNH	1	5.53	-87.3%	0.68	2.7%	1	1	19.0%
CHINESE RENMINBI (CNH)	110	21.63	410.1%	65.68	68.0%	49	26	92.3%
E-MICRO JPY/USD	350	701.26	-50.1%	420.77	-16.8%	612	651	-6.0%
EURO QUARTERLY VARIANCE FUTU	0	0	-	0	-	0	0	-
E-MICRO CAD/USD	475	555.95	-14.6%	749.82	-36.7%	623	704	-11.5%
E-MICRO INR/USD	3	123.84	-97.6%	7.14	-58.7%	11	159	-93.2%
USDZAR	2	0.42	374.9%	1.32	51.7%	2	6	-59.4%
FX Options								
AUSTRALIAN DLR (EU)	4	30.63	-88.2%	1.73	108.4%	5	13	-58.0%
JAPANESE YEN	9,628	17,451.58	-44.8%	13,416.91	-28.2%	11,542	11,942	-3.3%
EURO FX (EU)	224	635.32	-64.8%	147.95	51.3%	244	360	-32.3%
CANADIAN DOLLAR	4,330	5,127.11	-15.6%	5,182.14	-16.4%	5,452	5,556	-1.9%
BRITISH POUND	8,234	10,960.32	-24.9%	6,985.59	17.9%	10,457	12,037	-13.1%
RUSSIAN RUBLE	0	0	-	0	-	1	29	-97.0%
CANADIAN DOLLAR (EU)	3	53.32	-93.8%	0.32	937.1%	6	25	-75.1%
SWISS FRANC (EU)	0	0.63	-100.0%	0	-	0	7	-100.0%
SWISS FRANC	1,245	1,497.58	-16.8%	523.64	137.8%	700	1,178	-40.6%
BRITISH POUND (EU)	17	48.26	-65.3%	34.64	-51.6%	28	39	-26.6%
NEW ZEALND DOLLAR	0	0.26	-100.0%	0	-	0	3	-98.1%
AUSTRALIAN DOLLAR	5,586	7,527.89	-25.8%	5,350.09	4.4%	6,203	6,204	0.0%
MEXICAN PESO	61	110.26	-44.8%	95.23	-36.1%	68	39	75.2%
EURO FX	43,383	40,040.37	8.3%	39,762.82	9.1%	49,217	30,281	62.5%
JAPANESE YEN (EU)	11	65.53	-83.4%	24.32	-55.2%	19	46	-59.5%
BRAZIL REAL	0	0	-	0	-	0	0	-100.0%

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Equity Index Futures								
E-MINI RUSSELL 1000	38	0	-	6.95	442.1%	4	0	-
DJ US REAL ESTATE	558	406.58	37.2%	685.73	-18.7%	644	481	34.0%
E-MINI NASDAQ 100	221,558	211,260.47	4.9%	262,823.77	-15.7%	264,108	299,539	-11.8%
S&P ENERGY SECTOR	494	471.05	4.9%	510.36	-3.1%	372	370	0.5%
S&P MATERIALS SECTOR	151	167.53	-9.9%	111.18	35.7%	162	119	35.9%
S&P FINANCIAL SECTOR	205	50.37	307.3%	143.23	43.2%	218	159	37.3%
S&P HEALTH CARE SECTOR	494	227.53	117.2%	817.23	-39.5%	573	225	154.6%
S&P INDUSTRIAL SECTOR	192	121.63	57.8%	62.18	208.7%	165	148	11.6%
S&P UTILITIES SECTOR	481	520.21	-7.5%	391.41	22.9%	522	351	48.8%
S&P TECHNOLOGY SECTOR	167	81.05	105.4%	260.86	-36.2%	219	164	33.7%
S&P CONSUMER DSCRTNRY SECTC	329	82.26	300.4%	171.68	91.8%	475	146	225.4%
S&P 500	6,814	8,037.63	-15.2%	6,696.91	1.8%	11,502	13,443	-14.4%
E-MICRO NIFTY	0	0	-	0	-	4	0	-
NASDAQ	0	753.84	-100.0%	0	-	395	1,004	-60.7%
E-MINI MIDCAP	16,636	12,781.47	30.2%	18,276.68	-9.0%	20,663	20,975	-1.5%
NIKKEI 225 (\$) STOCK	10,546	20,611.05	-48.8%	12,123.59	-13.0%	16,554	19,111	-13.4%
NIKKEI 225 (YEN) STOCK	44,104	57,352.42	-23.1%	50,210.23	-12.2%	52,426	48,353	8.4%
IBOVESPA INDEX	14	13.53	4.2%	26.36	-46.5%	19	18	9.7%
S&P 600 SMALLCAP EMINI	0	0	-	0	-	0	0	-98.1%
S&P CONSUMER STAPLES SECTOR	131	152.74	-14.0%	85.64	53.4%	516	267	93.3%
E-MINI S&P500	1,432,149	1,169,624.84	22.4%	1,648,369.41	-13.1%	1,673,123	1,686,588	-0.8%
S&P 500/VALUE	110	0.32	34621.3%	0.36	30056.8%	11	6	68.6%
S&P 500 GROWTH	1	0.47	58.3%	0.36	106.3%	2	3	-52.9%
S&P 400 MIDCAP	0	105.32	-100.0%	0	-	30	84	-64.4%
\$25 DJ	0	0	-	0	-	0	0	-100.0%
MINI \$5 DOW	128,307	102,886.37	24.7%	146,646.82	-12.5%	159,596	154,975	3.0%
DJIA	0	246.47	-100.0%	0	-	161	504	-68.1%
NASDAQ BIOTECH	3	13.16	-76.1%	0	-	7	2	202.0%
FT-SE 100	69	0	-	53.68	28.0%	11	0	-
E-MINI RUSSELL 1000 GROWTH	18	0	-	3.77	389.0%	2	0	-
E-MINI RUSSELL 1000 VALUE	22	0	-	3.86	465.5%	2	0	-

Equity Index Options

E-MINI NASDAQ 100	8,043	8,902.53	-9.7%	6,677.82	20.4%	5,719	12,516	-54.3%
S&P 500	30,637	34,178.63	-10.4%	32,269.82	-5.1%	35,647	34,317	3.9%
EOW4 EMINI S&P 500	31,615	1,829	1628.6%	53,191.09	-40.6%	46,663	36,260	28.7%
EOW2 S&P 500	4,363	1,555.53	180.5%	3,079.64	41.7%	3,677	3,702	-0.7%
EOW1 EMINI S&P 500	50,833	55,119.32	-7.8%	48,177	5.5%	47,433	41,347	14.7%
NASDAQ	0	1.16	-100.0%	0	-	0	1	-86.9%
EOW1 S&P 500	2,273	3,510.58	-35.2%	1,706.45	33.2%	1,622	2,106	-23.0%
E-MINI MIDCAP	0	0.95	-63.1%	0.09	285.0%	0	4	-95.6%
EOM S&P 500	5,028	4,553.05	10.4%	5,317.32	-5.4%	5,103	4,063	25.6%
EOM EMINI S&P	32,845	53,047.47	-38.1%	57,295.36	-42.7%	51,921	45,724	13.6%
EOW2 EMINI S&P 500	47,743	33,462.89	42.7%	46,805.59	2.0%	48,760	41,883	16.4%
E-MINI S&P500	287,166	258,772.32	11.0%	312,985.82	-8.2%	307,954	293,972	4.8%
MINI \$5 DOW	595	620.68	-4.1%	541.82	9.9%	555	598	-7.2%
DJIA	0	0.42	-100.0%	0	-	0	2	-93.3%

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	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Interest Rate Futures								
5-YR SWAP RATE	1,732	1,355.37	27.8%	1,875.14	-7.6%	2,579	3,094	-16.6%
2-YR SWAP RATE	28	303.21	-90.8%	57.36	-51.3%	144	440	-67.3%
10-YR SWAP RATE	1,620	1,380.95	17.3%	1,125.45	44.0%	2,857	3,112	-8.2%
1-MONTH EURODOLLAR	406	36.32	1017.3%	78.5	416.9%	247	79	212.7%
EUROYEN	0	0	-	0	-	0	0	-100.0%
EURODOLLARS	1,996,894	1,819,005.26	9.8%	2,044,690.09	-2.3%	2,343,079	2,636,641	-11.1%
7-YR SWAP	123	0	-	55.18	122.1%	17	0	-
30-YR BOND	281,287	411,949.26	-31.7%	223,996.41	25.6%	291,644	369,798	-21.1%
5-YR NOTE	1,025,634	838,578.79	22.3%	560,061.5	83.1%	774,278	779,481	-0.7%
10-YR NOTE	1,430,624	1,484,517.74	-3.6%	1,068,448.86	33.9%	1,336,350	1,351,132	-1.1%
2-YR NOTE	397,321	454,899.42	-12.7%	212,813.91	86.7%	338,854	284,977	18.9%
30-YR SWAP RATE	36	104.89	-65.3%	30.32	19.9%	145	248	-41.6%
ULTRA T-BOND	156,752	135,907	15.3%	85,620.41	83.1%	119,130	100,903	18.1%
FED FUND	66,347	34,766.42	90.8%	81,216	-18.3%	77,828	31,329	148.4%
3YR BUNDLE	0	2.95	-100.0%	0	-	1	4	-81.1%
EURO 5YR BUNDLE	0	0	-	0	-	0	1	-70.4%
2YR BUNDLE	0	9.32	-100.0%	0	-	3	9	-69.9%

Interest Rate Options

EURO MIDCURVE	622,406	397,031.11	56.8%	612,249.86	1.7%	515,400	663,363	-22.3%
EURODOLLARS	408,919	208,704.84	95.9%	462,393.09	-11.6%	433,511	196,314	120.8%
FLEX 30-YR BOND	0	0	-	0	-	0	13	-100.0%
30-YR BOND	63,809	42,701.16	49.4%	68,529.23	-6.9%	84,813	65,101	30.3%
5-YR NOTE	115,128	75,149.21	53.2%	78,133.05	47.3%	88,263	113,341	-22.1%
10-YR NOTE	286,095	352,469.47	-18.8%	295,389.73	-3.1%	396,322	399,460	-0.8%
2-YR NOTE	8,859	11,558.26	-23.4%	5,007.73	76.9%	9,983	9,873	1.1%
ULTRA T-BOND	174	213.53	-18.5%	154.77	12.4%	435	622	-30.0%
FED FUND	1,345	132.63	914.4%	2,085.36	-35.5%	1,451	101	1332.2%

Energy Futures

ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	0	-
TENNESSEE 500 LEG NG SWIN	0	0	-	0	-	0	1	-100.0%
NGPL TEXOK SWING SWAP	0	12.63	-100.0%	0	-	0	1	-100.0%
ELEC ERCOT OFF PEAK	0	103.16	-100.0%	0	-	76	146	-48.1%
RBOB GAS	61	28.42	114.6%	56.5	8.0%	55	37	47.2%
ELEC ERCOT DLY PEAK	10	5.79	77.0%	0	-	5	7	-30.2%
ERCOT NORTH ZMCPE 5MW OFFPE	0	103.16	-100.0%	0	-	104	577	-81.9%
ERCOT NORTH ZMCPE 5MW PEAK	10	5.79	77.0%	0	-	12	39	-68.6%
SINGAPORE JET KERO VS. GASOIL	0	2.63	-100.0%	0	-	0	0	9.1%
PETRO OUTRIGHT EURO	442	450.95	-2.1%	398.77	10.7%	414	433	-4.5%
MONT BELVIEU LDH PROPANE OPIS	34	19	77.6%	21.82	54.7%	32	35	-8.4%
MONT BELVIEU ETHANE OPIS BALM	0	17.37	-100.0%	11.36	-100.0%	12	6	81.8%
CONWAY NATURAL GASOLINE (OPI	8	12.84	-40.0%	1.14	577.6%	3	2	34.3%
PETROCHEMICALS	218	155.42	40.2%	175.5	24.2%	183	199	-8.0%
CONWAY PROPANE 5 DECIMALS S	257	273.95	-6.4%	337.23	-23.9%	217	180	20.2%

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Energy Futures								
CONWAY NORMAL BUTANE (OPIS) S	5	0	-	0.68	670.0%	9	5	88.8%
MONT BELVIEU NORMAL BUTANE B	10	39.84	-74.6%	30.23	-66.6%	22	26	-16.0%
MONT BELVIEU NATURAL GASOLIN	6	15.53	-64.6%	5.77	-4.7%	18	16	7.6%
IN DELIVERY MONTH EUA	0	391.05	-100.0%	66.18	-100.0%	434	485	-10.5%
WTS (ARGUS) VS WTI SWAP	180	724.11	-75.1%	55.91	222.0%	256	252	1.7%
ISO NEW ENGLAND PK LMP	0	0	-	0.91	-100.0%	0	5	-98.2%
ELEC NYISO OFF-PEAK	0	0	-	0	-	188	93	101.3%
ELEC MISO PEAK	0	0	-	0	-	15	5	182.9%
TRANSCO ZONE 4 NAT GAS IN	0	19.58	-100.0%	0	-	4	1	172.7%
COLUMB GULF MAINLINE NG B	87	211.47	-58.8%	29	200.5%	106	194	-45.1%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-	10	10	-0.4%
TEXAS GAS ZONE1 NG BASIS	0	0	-	0	-	70	26	165.8%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	7,477	0	-	12,045.23	-37.9%	7,961	2,558	211.2%
NYISO ZONE J 5MW D AH O P	0	1,227.37	-100.0%	0	-	243	415	-41.5%
NYISO ZONE J 5MW D AH PK	0	0	-	127.45	-100.0%	39	30	31.1%
NEPOOL W CNT MASS 5MW D A	776	0	-	0	-	192	37	415.3%
PJM COMED 5MW D AH PK	0	0	-	117.27	-100.0%	31	5	472.7%
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	56	-100.0%
NEPOOL CONECTIC 5MW D AH	0	0	-	0	-	0	3	-100.0%
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-	6	3	139.8%
NYISO ZONE C 5MW D AH PK	0	0	-	0	-	0	2	-100.0%
PETRO CRCKS & SPRDS NA	1,011	1,159.63	-12.8%	873.68	15.7%	1,365	1,192	14.5%
SINGAPORE GASOIL	163	215.21	-24.1%	100.73	62.1%	127	111	14.7%
PETRO OUTRIGHT NA	564	466.47	20.9%	391.55	44.0%	514	516	-0.4%
CRUDE OIL SPRDS	54	18.95	186.3%	155.09	-65.0%	29	2	1331.5%
RBOB GASOLINE BALMO CLNDR	85	2.21	3738.5%	3.73	2176.4%	51	37	38.2%
GASOLINE UP-DOWN BALMO SW	12	28.68	-59.0%	12.5	-6.0%	26	15	73.8%
COLUMBIA GULF MAIN NAT G	91	52.21	75.2%	0	-	11	9	22.8%
ALGON CITY GATES NAT GAS	0	0	-	0	-	0	1	-100.0%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-	19	0	-
TENN 800 LEG NAT GAS INDE	14	0	-	95.18	-85.3%	10	0	1987.5%
NATURAL GAS PHY	311,812	420,002.68	-25.8%	344,466.68	-9.5%	319,431	294,471	8.5%
CRUDE OIL OUTRIGHTS	292	245.21	19.2%	365.68	-20.1%	450	288	55.9%
ELECTRICITY OFF PEAK	1,403	0	-	0	-	274	0	-
ELEC FINSETTLED	77	0	-	0	-	12	0	-
PETRO CRK&SPRD EURO	154	255.53	-39.8%	248.77	-38.2%	271	242	12.1%
FREIGHT MARKETS	9	0	-	7.14	20.5%	3	0	1907.6%
PLASTICS	6	62.63	-90.4%	34.77	-82.7%	46	26	77.0%
NYH NO 2 CRACK SPREAD CAL	3	58.26	-94.3%	286.82	-98.8%	109	182	-40.2%
TRANSCO ZONE 6 BASIS SWAP	11	32	-66.7%	48.55	-78.1%	44	15	198.5%
NYISO A	0	47.11	-100.0%	0	-	4	30	-85.7%
MINY NATURAL GAS	1,441	2,270.79	-36.5%	1,163.68	23.8%	1,287	1,578	-18.4%
HEATING OIL PHY	138,294	164,536.68	-15.9%	157,864.59	-12.4%	144,922	134,708	7.6%
DOMINION TRANSMISSION INC	421	67.26	526.3%	751.59	-44.0%	313	251	24.9%
TCO BASIS SWAP	69	2,583.42	-97.3%	209.05	-67.1%	155	660	-76.5%
PJM MONTHLY	6	0.53	1040.0%	45.82	-86.9%	30	100	-70.0%

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Energy Futures								
WAHA INDEX SWAP FUTURE	86	0	-	0	-	7	1	789.4%
NY HARBOR HEAT OIL SWP	108	360.53	-70.0%	156.05	-30.6%	215	309	-30.5%
EASTERN RAIL DELIVERY CSX	36	211.58	-83.0%	77.05	-53.3%	171	219	-22.1%
HTG OIL	0	0	-	0.55	-100.0%	1	3	-64.8%
EUROPE 3.5% FUEL OIL MED	4	3.16	34.6%	9.95	-57.3%	5	7	-31.7%
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	1	-100.0%
PJM OFF-PEAK LMP SWAP FUT	6	12.63	-52.5%	0	-	8	19	-57.0%
AEP-DAYTON HUB OFF-PEAK M	0	0	-	0	-	4	4	-5.0%
DOMINION TRAN INC - APP I	20	0	-	98.18	-79.6%	11	0	-
TENNESSEE ZONE 0 BASIS SW	0	0	-	27.45	-100.0%	3	1	194.2%
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	0	0	-	0	-	0	0	-100.0%
FUELOIL SWAP:CARGOES VS.B	7	14.95	-50.5%	11.05	-33.0%	19	28	-32.0%
MICHIGAN HUB PEAK MONTH S	0	0	-	0	-	0	0	-100.0%
MINY HTG OIL	0	0.37	-5.0%	0.23	54.0%	0	0	-19.3%
BRENT CALENDAR SWAP	131	751.26	-82.6%	46.5	181.4%	248	357	-30.6%
EURO GASOIL 10PPM VS ICE	3	7.16	-63.7%	11.45	-77.3%	4	6	-32.7%
WTI-BRENT CALENDAR SWAP	834	1,621.32	-48.5%	874.32	-4.6%	1,090	1,063	2.6%
CENTERPOINT BASIS SWAP	97	217.68	-55.6%	0	-	92	46	99.9%
PJM NILL DA OFF-PEAK	2,974	533.89	457.0%	951.23	212.6%	2,090	940	122.4%
PANHANDLE INDEX SWAP FUTU	25	0	-	0	-	11	0	-
PJM NILL DA PEAK	139	20.47	578.2%	235.59	-41.1%	97	59	66.1%
CIN HUB 5MW REAL TIME PK	128	0	-	428.59	-70.3%	83	83	0.1%
MINY WTI CRUDE OIL	8,770	11,168.11	-21.5%	9,584.23	-8.5%	12,641	7,535	67.8%
JAPAN C&F NAPHTHA SWAP	42	55.74	-24.9%	35.18	19.0%	48	57	-16.1%
LLS (ARGUS) VS WTI SWAP	270	361.37	-25.2%	517.23	-47.8%	460	457	0.7%
RBOB PHY	158,595	142,815.63	11.0%	143,544.5	10.5%	159,898	136,595	17.1%
NEPOOL RHD ISLD 5MW D AH	70	305.47	-77.0%	92.05	-23.5%	47	85	-44.4%
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-	17	0	-
NEPOOL NEW HAMP 5MW D AH	0	0	-	0	-	0	0	-
CIN HUB 5MW REAL TIME O P	5,862	0	-	12,821.82	-54.3%	3,291	1,630	101.9%
LTD NAT GAS	13,352	11,791.95	13.2%	14,123.95	-5.5%	11,160	9,248	20.7%
SAN JUAN PIPE SWAP	0	0	-	0	-	0	1	-100.0%
NORTHWEST ROCKIES BASIS S	867	112.58	669.7%	589.45	47.0%	476	72	563.1%
SINGAPORE 380CST BALMO	6	1.26	378.9%	1	505.0%	5	4	49.5%
PJM BGE DA OFF-PEAK	0	0	-	0	-	0	0	-
ULSD 10PPM CIF MED VS ICE	6	0.26	2331.6%	4.55	40.8%	4	2	58.2%
GULF COAST JET FUEL CLNDR	5	2.21	103.6%	12.95	-65.3%	16	15	8.5%
SINGAPORE GASOIL SWAP	96	272.53	-64.8%	130.95	-26.8%	113	354	-68.1%
CHICAGO ULSD PL VS HO SPR	3	2.37	26.7%	14.55	-79.4%	18	21	-13.3%
CIN HUB 5MW D AH PK	15	0	-	22.64	-32.4%	42	88	-53.0%
PJM AD HUB 5MW REAL TIME	9,826	0	-	11,117.36	-11.6%	7,093	8,354	-15.1%
TC5 RAS TANURA TO YOKOHAM	0	0	-	0	-	0	0	30.9%
Sumas Basis Swap	28	17.89	54.2%	26.36	4.7%	61	11	451.2%
RBOB CRACK SPREAD	57	55.79	2.2%	25.09	127.2%	48	68	-28.3%
NGPL TEX/OK	152	398.16	-61.9%	154.45	-1.9%	348	217	60.8%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-	0	0	71.2%
HENRY HUB INDEX SWAP FUTU	341	1,351.21	-74.8%	546.91	-37.6%	448	547	-18.0%
WTI-BRENT BULLET SWAP	0	5.26	-100.0%	0	-	0	30	-100.0%

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	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
NYISO J OFF-PEAK	0	6.32	-100.0%	0	-	3	2	21.7%
EAST/WEST FUEL OIL SPREAD	0	29.63	-98.7%	0.59	-32.3%	10	26	-60.8%
TENNESSEE 500 LEG BASIS S	0	0	-	0	-	24	10	137.2%
NORTHERN NATURAL GAS DEMAR	6	130.53	-95.2%	5.64	10.0%	24	35	-31.5%
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-	1	1	-47.2%
ROCKIES KERN OPAL - NW IN	0	0	-	85.45	-100.0%	8	0	-
CARBON EUA EMISSIONS EURO	0	210.53	-100.0%	0	-	0	17	-100.0%
APPALACHIAN COAL (PHY)	1	15.26	-91.8%	4.27	-70.7%	11	75	-85.1%
WTI CALENDAR	1,037	1,753.95	-40.9%	1,634.45	-36.6%	1,659	1,590	4.3%
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	2	-92.1%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-	0	0	-100.0%
RBOB CALENDAR SWAP	484	389.21	24.3%	250.09	93.5%	320	397	-19.4%
AEP-DAYTON HUB MTHLY	0	0.53	-100.0%	0	-	3	6	-52.0%
CRUDE OIL PHY	807,244	642,341.79	25.7%	794,707.95	1.6%	797,138	575,981	38.4%
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	4	-93.1%
NEW YORK ETHANOL SWAP	54	69.21	-22.3%	55.68	-3.5%	49	62	-21.2%
LA CARB DIESEL (OPIS)	0	1.37	-100.0%	7.09	-100.0%	1	1	81.1%
GASOIL BULLET SWAP	0	0	-	0	-	0	0	-100.0%
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	59.3%
EURO PROPANE CIF ARA SWA	19	20	-4.5%	16.73	14.2%	18	18	4.0%
LA CARBOB GASOLINE(OPIS)S	10	13.16	-24.0%	20.45	-51.1%	23	29	-17.8%
MCCLOSKEY ARA ARGS COAL	9,749	7,827.68	24.5%	10,647.05	-8.4%	8,645	6,189	39.7%
MCCLOSKEY RCH BAY COAL	1,430	1,731.32	-17.4%	1,802.14	-20.7%	1,141	1,561	-26.9%
MGF FUT	0	0	-	0.45	-100.0%	0	1	-37.4%
MNC FUT	201	275.42	-26.9%	146.27	37.7%	203	240	-15.3%
MGN1 SWAP FUT	10	7.32	29.9%	8.23	15.5%	7	4	75.0%
UCM FUT	0	0	-	2.73	-100.0%	3	2	2.0%
MJC FUT	3	0	-	1.82	37.5%	3	2	20.0%
HEATING OIL VS ICE GASOIL	0	0	-	0	-	0	124	-100.0%
UP DOWN GC ULSD VS NMX HO	2,364	1,577.74	49.9%	2,316.55	2.1%	1,942	1,474	31.7%
HOUSTON SHIP CHANNEL BASI	314	424.11	-26.0%	181.86	72.5%	191	173	11.0%
FUEL OIL CRACK VS ICE	289	204.32	41.2%	109.14	164.3%	181	198	-8.6%
NGPL TEXOK INDEX	0	0	-	21.82	-100.0%	5	0	-
NATURAL GAS	5,514	3,763.58	46.5%	6,492.27	-15.1%	3,964	2,693	47.2%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	18	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	4	14	-70.0%
SOCAL PIPE SWAP	0	3.47	-100.0%	0	-	2	0	706.6%
PANHANDLE PIPE SWAP	0	0	-	0	-	1	0	-
GAS EURO-BOB OXY NWE BARGES	744	1,152.05	-35.4%	515.05	44.5%	785	1,101	-28.7%
MONT BELVIEU NATURAL GASOLIN	236	676.63	-65.1%	204.32	15.7%	262	342	-23.4%
ONTARIO POWER SWAPS	993	227.37	336.5%	7.73	12744.7%	732	1,101	-33.5%
DAILY PJM	0	0	-	364.55	-100.0%	35	50	-30.7%
BRENT OIL LAST DAY	94,763	95,545.89	-0.8%	95,184.23	-0.4%	104,521	73,386	42.4%
SINGAPORE GASOIL CALENDAR	0	29.05	-100.0%	10.91	-100.0%	30	31	-5.1%
GASOIL 0.1 CARGOES CIF NE	0	4.21	-100.0%	0	-	0	0	-87.9%
GC ULSD VS GC JET SPREAD	0	0	-	0	-	0	0	-
MARS (ARGUS) VS WTI TRD M	59	0	-	82.05	-28.5%	72	3	2602.6%
MARS (ARGUS) VS WTI SWAP	398	235.42	69.0%	343.86	15.7%	298	194	53.3%

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Energy Futures								
SINGAPORE JET KERO BALMO	0	0	-	10.23	-100.0%	2	1	122.2%
WTS (ARGUS) VS WTI TRD MT	8	155.89	-95.2%	57.73	-87.0%	82	49	66.1%
DUBAI CRUDE OIL BALMO	0	0	-	0	-	0	1	-56.7%
EURO 1% FUEL OIL NEW BALM	1	0.53	42.5%	3.18	-76.4%	1	1	-50.2%
BRENT CFD SWAP	0	0	-	0	-	4	24	-82.9%
PREMIUM UNLD 10P FOB MED	7	25.37	-72.0%	1.73	311.0%	14	19	-30.1%
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-	0	0	-
3.5% FUEL OIL CID MED SWA	3	3.16	-3.4%	4.09	-25.4%	3	5	-45.2%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	0	0	-33.4%
ARGUS PROPAN FAR EST INDE	36	18.21	96.6%	38.55	-7.1%	21	12	76.5%
ULSD 10PPM CIF VS ICE GAS	0	0.11	-100.0%	0	-	0	0	-26.3%
SINGAPORE NAPHTHA BALMO	0	0	-	0	-	0	1	-100.0%
NYISO ZONE G 5MW D AH PK	64	0	-	155.18	-58.9%	142	48	194.7%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	0	-	0	0	9.1%
NYMEX ULSD VS NYMEX HO	4	8.95	-58.1%	0	-	5	3	54.5%
RBOB VS HEATING OIL SWAP	38	63.16	-40.6%	6.82	450.0%	44	24	82.4%
GULF COAST ULSD CRACK SPR	0	35.53	-100.0%	35.23	-100.0%	15	68	-78.4%
USGC UNL 87 CRACK SPREAD	34	5.26	541.2%	6.82	395.0%	15	19	-23.9%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-	0	0	191.1%
TENNESSEE 800 LEG NG BASI	0	0	-	0	-	17	10	66.0%
NEPOOL W CNTR M 5MW D AH	43	0	-	0	-	7	2	265.1%
DATED TO FRONTLINE BRENT	228	43.16	427.7%	121.09	88.1%	142	61	134.6%
PJM APS ZONE DA PEAK	0	0	-	0	-	0	0	-
PJM DPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	0	-	0	-	0	0	-
PJM PPL DA PEAK	0	0	-	92.73	-100.0%	14	0	-
PJM EASTERNH DA PEAK	0	0	-	0	-	0	0	-
PJM JCPL DA PEAK	0	0	-	0	-	3	30	-90.7%
PJM PSEG DA PEAK	0	0	-	5	-100.0%	0	0	-
PJM PSEG DA OFF-PEAK	0	0	-	89.09	-100.0%	8	0	-
PJM WESTH RT PEAK	1,548	53.95	2770.1%	2,840.23	-45.5%	940	874	7.6%
ALGONQUIN CITYGATES BASIS	0	0	-	7	-100.0%	6	31	-81.2%
GASOIL 0.1 CIF MED SWAP	2	0	-	0.91	65.0%	0	0	-
JET FUEL CARGOES CIF NEW	0	0	-	0	-	0	0	-100.0%
ICE GASOIL BALMO SWAP	0	0.16	-100.0%	0	-	0	0	-100.0%
ULSD 10PPM CIF MED SWAP	0	0	-	0	-	0	0	-100.0%
Tetco ELA Basis	0	0	-	0	-	6	0	-
EUROPE 1% FUEL OIL NWE CA	7	19.58	-64.0%	7.64	-7.7%	8	8	-1.7%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
GULF COAST NO.6 FUEL OIL	2,456	2,532.42	-3.0%	2,261.59	8.6%	3,315	2,564	29.3%
SINGAPORE FUEL 180CST CAL	51	182.74	-72.0%	63.45	-19.5%	92	204	-55.0%
SINGAPORE FUEL OIL SPREAD	17	8.95	91.7%	20.68	-17.1%	23	20	17.2%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-	0	1	-20.5%
PJM ATSI ELEC	0	0	-	0	-	107	0	-
SING FUEL	0	0	-	0	-	0	0	-45.5%
EURO-DENOMINATED PETRO PROD	13	16.32	-23.4%	0	-	12	2	509.7%
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	102	17	520.4%
GAS EURO-BOB OXY NWE BARGES	252	278.32	-9.5%	173.91	44.8%	321	320	0.5%
MINY RBOB GAS	0	0.26	-24.0%	0.18	10.0%	0	0	9.1%

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Energy Futures								
RBOB UP-DOWN CALENDAR SWA	575	469.74	22.3%	633.18	-9.2%	489	411	18.9%
LA JET FUEL VS NYM NO 2 H	0	0	-	10	-100.0%	2	7	-68.6%
ANR OKLAHOMA	144	0	-	2.73	5165.3%	46	43	5.0%
MICHIGAN BASIS	55	18.68	193.0%	115.32	-52.5%	28	12	136.7%
TEXAS EASTERN ZONE M-3 BA	94	22.53	315.1%	205.27	-54.5%	90	171	-47.2%
PGE&E CITYGATE	0	0	-	0	-	0	0	-
NORTHERN NATURAL GAS VENTU	0	263	-100.0%	13.73	-100.0%	21	31	-30.2%
CIG BASIS	338	114.32	195.9%	44.45	660.9%	118	44	168.0%
PJM DAILY	0	0	-	0	-	0	1	-100.0%
COLUMBIA GULF ONSHORE	12	0	-	33.09	-62.5%	16	68	-76.6%
Tetco STX Basis	18	0	-	0	-	20	0	8116.3%
Transco Zone 3 Basis	0	0	-	42.64	-100.0%	30	18	63.8%
GULF COAST GASOLINE CLNDR	15	2	650.0%	9.09	65.0%	26	6	356.0%
CENTERPOINT EAST INDEX	0	13.05	-100.0%	0	-	3	1	197.8%
GULF COAST ULSD CALENDAR	8	27.74	-72.8%	27.77	-72.8%	33	52	-35.8%
GASOLINE UP-DOWN (ARGUS)	0	0	-	0	-	0	0	-100.0%
LA CARB DIESEL (OPIS) SWA	1	11	-88.6%	18.27	-93.2%	30	44	-31.5%
EURO 3.5% FUEL OIL RDAM B	16	14.68	8.3%	15.32	3.8%	27	18	45.6%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
SINGAPORE GASOIL BALMO	0	12.63	-100.0%	15.91	-100.0%	5	36	-86.1%
EUROPEAN NAPHTHA BALMO	2	9.16	-74.9%	4.59	-49.9%	4	11	-63.5%
GASOIL MINI CALENDAR SWAP	10	15.74	-33.9%	21	-50.5%	14	24	-42.6%
NY JET FUEL (ARGUS) VS HEATING	0	0	-	0	-	0	1	-100.0%
MISO 5MW PEAK	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	64	135.74	-53.0%	292.91	-78.2%	134	112	19.7%
MISO 5MW OFF PEAK	0	0	-	0	-	0	0	-
PJM PECO ZONE5MW PEAK CAL MO	0	0	-	0	-	3	0	-
EUROPE 1% FUEL OIL RDAM C	0	0.53	-43.0%	0	-	1	1	-30.3%
SAN JUAN BASIS SWAP	239	40.74	487.6%	81.41	194.0%	107	10	923.1%
SOCAL BASIS SWAP	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	578	608.95	-5.1%	1,109.14	-47.9%	1,016	1,058	-4.0%
NY HARBOR RESIDUAL FUEL C	0	2.63	-100.0%	0	-	0	2	-75.8%
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-100.0%
MICHIGAN HUB OFF-PEAK MON	0	0	-	0	-	0	0	-100.0%
EURO 3.5% FUEL OIL SPREAD	40	65.16	-39.4%	24.82	59.2%	43	31	37.5%
GASOIL CALENDAR SWAP	1	0.16	470.0%	0.14	559.8%	1	2	-45.9%
BRENT FINANCIAL FUTURES	100	478.79	-79.1%	79.55	26.1%	306	292	4.8%
ICE BRENT DUBAI SWAP	8	0	-	27.27	-72.5%	42	18	137.1%
GASOIL CRACK SPREAD CALEN	141	15.79	790.1%	81.82	71.8%	164	112	46.6%
EUROPEAN NAPHTHA CRACK SPR	113	230.11	-51.0%	131.41	-14.2%	324	430	-24.7%
CRUDE OIL	1,806	573.11	215.2%	381.91	373.0%	958	465	105.9%
NEPOOL INTR HUB 5MW D AH	3,500	5,918.05	-40.9%	2,863.41	22.2%	1,466	1,521	-3.6%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	2,744	0	-	720.91	280.6%	728	2,243	-67.5%
PJM JCPL DA OFF-PEAK	0	0	-	0	-	66	557	-88.1%
PJM WESTH RT OFF-PEAK	16,610	0	-	53,350.64	-68.9%	13,732	14,323	-4.1%
CHICAGO ETHANOL SWAP	2,618	3,565.32	-26.6%	3,521.18	-25.7%	4,055	4,569	-11.2%
HENRY HUB BASIS SWAP	337	1,351.21	-75.1%	546.91	-38.5%	607	580	4.6%
HENRY HUB SWAP	18,588	24,965.16	-25.5%	26,739	-30.5%	21,190	25,128	-15.7%

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Energy Futures								
PREM UNL GAS 10PPM RDAM FOB B	0	0.47	-100.0%	0	-	0	0	141.1%
PREM UNL GAS 10PPM RDAM FOB S	2	0.68	155.8%	0	-	1	1	-10.1%
MONT BELVIEU NORMAL BUTANE 5	1,010	1,083.05	-6.7%	1,023.77	-1.3%	828	695	19.1%
MONT BELVIEU ETHANE 5 DECIMAL	221	497.53	-55.7%	420.23	-47.5%	322	219	47.4%
MONT BELVIEU LDH PROPANE 5 DE	3,511	2,729.63	28.6%	3,119.27	12.6%	2,307	1,683	37.0%
SINGAPORE 180CST BALMO	3	1.58	61.5%	1	155.0%	2	3	-44.4%
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-	0	0	-
GRP THREE UNL GS (PLT) VS	91	8.42	983.6%	45.45	100.8%	73	71	2.8%
JET BARGES VS ICE GASOIL	0	0	-	0	-	0	0	9.1%
SINGAPORE GASOIL VS ICE	8	60.53	-87.6%	47.73	-84.3%	26	164	-84.1%
NATURAL GAS PEN SWP	7,403	14,408.95	-48.6%	8,386.32	-11.7%	8,633	17,765	-51.4%
WESTERN RAIL DELIVERY PRB	119	202.89	-41.2%	137.05	-13.0%	111	142	-21.7%
EUROPE DATED BRENT SWAP	80	85.53	-6.5%	0	-	169	115	46.5%
SINGAPORE JET KERO GASOIL	5	40.79	-87.7%	22.73	-78.0%	16	72	-78.3%
TETCO M-3 INDEX	0	0	-	0	-	29	31	-3.9%
PJM AECO DA PEAK	0	0	-	0	-	1	27	-97.9%
GASOIL 10PPM CARGOES CIF	0	0	-	0	-	0	0	172.9%
PREMIUM UNLD 10PPM CARGOE	0	0	-	0	-	0	0	-100.0%
WAHA BASIS	113	262.26	-57.0%	325.23	-65.3%	144	111	29.8%
LA JET (OPIS) SWAP	24	3.95	501.7%	51.82	-54.2%	44	28	60.7%
NY HARBOR 1% FUEL OIL BAL	2	0	-	7.95	-78.6%	2	4	-42.1%
GASOIL 10PPM VS ICE SWAP	0	1.32	-73.4%	5.45	-93.6%	6	5	32.9%
NY H OIL PLATTS VS NYMEX	0	58.11	-100.0%	0	-	4	22	-80.8%
PJM PEPSCO DA OFF-PEAK	0	0	-	0	-	32	0	-
NYISO ZONE G 5MW D AH O P	196	0	-	5,101.45	-96.2%	1,057	492	115.0%
EUROPEAN GASOIL (ICE)	11,205	87.89	12648.4%	3,290.14	240.6%	1,832	24	7544.2%
ULSD UP-DOWN BALMO SWP	347	44.37	681.5%	165.91	109.0%	161	79	104.1%
JET FUEL UP-DOWN BALMO CL	355	11.84	2897.8%	226.36	56.8%	150	122	23.1%
EIA FLAT TAX ONHWAY DIESE	4	6.79	-35.9%	26.32	-83.5%	36	35	0.6%
NY 2.2% FUEL OIL (PLATTS	0	2.63	-100.0%	10.45	-100.0%	3	5	-48.6%
BRENT CFD(PLATTS) VS FRNT	0	0	-	0	-	0	1	-100.0%
RBOB CRACK SPREAD BALMO S	0	0	-	1.36	-100.0%	0	0	-
HEATING OIL BALMO CLNDR S	5	0	-	58.59	-91.5%	8	2	264.5%
INDIANA MISO	0	12.16	-100.0%	0	-	10	701	-98.6%
PETROLEUM PRODUCTS ASIA	66	82.58	-20.7%	39.09	67.6%	79	88	-10.2%
AUSTRIALIAN COKE COAL	4	22	-82.0%	3.77	4.7%	8	15	-46.3%
PETROLEUM PRODUCTS	1	22.68	-97.4%	0	-	2	15	-86.3%
COAL SWAP	10	50	-80.5%	21.59	-54.8%	28	113	-75.4%
TC2 ROTTERDAM TO USAC 37K	0	0	-	0	-	0	1	-94.3%
NYISO A OFF-PEAK	0	3.68	-100.0%	0	-	2	10	-81.2%
NYISO G OFF-PEAK	0	4.74	-100.0%	0	-	1	2	-66.0%
ISO NEW ENGLAND OFF-PEAK	0	0	-	0	-	0	4	-100.0%
SINGAPORE 380CST FUEL OIL	282	172	64.2%	181.86	55.3%	250	149	68.0%
SINGAPORE JET KEROSENE SW	42	185.68	-77.6%	51.59	-19.4%	67	205	-67.4%
SINGAPORE NAPHTHA SWAP	0	0	-	0	-	5	7	-23.5%
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-	63	14	333.4%
TRANSCO ZONE4 BASIS SWAP	88	93.68	-6.1%	76.14	15.6%	303	52	481.4%
ANR LOUISIANA BASIS SWAP	0	0	-	0	-	13	0	-
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	3	1	93.1%

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Energy Futures								
DUBAI CRUDE OIL CALENDAR	257	144.74	77.5%	228.82	12.3%	191	88	116.4%
NGPL MIDCONTINENT INDEX	0	0	-	0	-	1	0	-
PANHANDLE BASIS SWAP FUTU	174	345.79	-49.8%	602.32	-71.2%	537	173	210.3%
SONAT BASIS SWAP FUTURE	0	13.05	-100.0%	1.36	-100.0%	64	25	159.5%
DIESEL 10P BRG FOB RDM VS	0	0.26	-100.0%	0	-	0	0	-61.0%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	1	8	-82.8%
EUROPE 3.5% FUEL OIL RDAM	306	446.74	-31.4%	295.73	3.6%	407	386	5.3%
GULF COAST 3% FUEL OIL BA	42	107.53	-61.3%	51.59	-19.3%	52	62	-17.2%
NY1% VS GC SPREAD SWAP	103	107.11	-4.3%	204.95	-50.0%	110	209	-47.3%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-	1	0	517.4%
JET CIF NWE VS ICE	1	6.11	-79.5%	0	-	5	6	-20.7%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	2	0	352.9%
JAPAN NAPHTHA BALMO SWAP	0	0.47	-100.0%	2	-100.0%	2	3	-37.9%
ARGUS PROPAN(SAUDI ARAMCO	44	52.63	-17.3%	31.73	37.3%	27	40	-33.2%
NYISO G	0	2.16	-100.0%	0	-	2	6	-67.6%
NYISO J	25	82.79	-69.3%	14.55	75.0%	14	21	-32.1%
NGPL MID-CONTINENT	16	49.37	-68.6%	101.36	-84.7%	189	29	560.0%
TENNESSEE 500 LEG NG INDE	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	0	6.16	-100.0%	14.55	-100.0%	21	13	53.5%
HENRY HUB SWING FUTURE	0	12.63	-100.0%	0	-	5	4	25.2%
EUROPE NAPHTHA CALSWAP	27	75.05	-63.8%	30.95	-12.3%	61	85	-28.4%
NY HARBOR RESIDUAL FUEL 1	273	225.16	21.4%	315.64	-13.4%	239	290	-17.7%
PERMIAN BASIS SWAP	195	224.32	-12.9%	195.18	0.1%	95	52	82.8%
JAPAN C&F NAPHTHA CRACK S	18	10.95	67.6%	10.73	71.1%	14	6	130.2%
EMMISSIONS	13	0	-	0	-	2	2	20.9%
NATURAL GAS INDEX	0	0	-	0	-	0	3	-100.0%
PETRO CRCKS & SPRDS ASIA	17	0	-	9.64	71.2%	7	9	-14.8%
NYISO CAPACITY	67	1.58	4153.0%	35.55	88.9%	35	12	192.9%
GASOIL 0.1 ROTTERDAM BARG	0	4.21	-100.0%	0	-	0	0	-87.9%
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-	0	0	-100.0%
GRP THREE ULSD(PLT)VS HEA	180	200.74	-10.6%	181.55	-1.1%	182	235	-22.7%
GASOIL 0.1CIF MED VS ICE	2	0	-	0.45	340.0%	1	1	-45.3%
PJM DPL DA PEAK	0	0	-	0	-	0	0	-
PJM AECO DA OFF-PEAK	0	0	-	0	-	0	502	-100.0%
PJM PPL DA OFF-PEAK	0	0	-	1,710.55	-100.0%	265	0	-
PJM DAYTON DA PEAK	166	0	-	5	3210.0%	55	128	-57.3%
PREMIUM UNLEAD 10PPM FOB	0	3.21	-100.0%	0	-	3	5	-40.4%
PJM WESTH DA OFF-PEAK	2,955	0	-	24,580.55	-88.0%	3,242	4,927	-34.2%
PJM PEPKO DA PEAK	0	0	-	0	-	0	0	-
GASOIL 0.1 RDAM BRGS VS I	4	3.42	6.7%	0.68	435.3%	1	4	-79.5%
GASOIL 10P CRG CIF NW VS	0	0.26	-100.0%	0	-	0	0	-42.0%
PJM WESTHDA PEAK	141	0	-	1,270.91	-88.9%	171	281	-38.9%
NEPOOL MAINE 5MW D AH PK	0	0	-	0	-	0	0	-
NEPOOL RHODE IL 5MW D AH	1,345	5,612.58	-76.0%	538.18	149.9%	474	1,450	-67.3%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	1	1	58.1%
NEPOOL MAINE 5MW D AH O E	0	0	-	0	-	0	15	-100.0%
NYISO ZONE A 5MW D AH O P	2,701	0	-	0	-	1,814	1,070	69.6%
CIN HUB 5MW D AH O PK	0	0	-	0	-	773	1,778	-56.5%
PJM COMED 5MW D AH O PK	0	0	-	0	-	365	98	273.2%

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Energy Futures								
TRANSCO ZONE 1 NG BASIS	0	0	-	0	-	2	0	229.1%
PJM DUQUESNE 5MW D AH PK	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH PK	22	67.11	-67.2%	0	-	75	62	20.8%
SOUTH STAR TEX OKLHM KNS	37	0	-	55.27	-33.8%	31	3	934.6%
NY 3.0% FUEL OIL (PLATTS	23	10.53	113.8%	27.27	-17.5%	18	9	91.9%
ARGUS LLS VS. WTI (ARG) T	428	66.47	544.5%	235.73	81.7%	362	255	41.8%
NO 2 UP-DOWN SPREAD CALEN	34	3.95	755.0%	9.09	271.3%	17	9	94.8%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
PROPANE NON-LDH MT. BEL (OPIS)	635	157.63	302.6%	329.18	92.8%	373	87	328.7%
PROPANE NON-LDH MB (OPIS) BAL	47	0	-	6.86	581.9%	11	2	471.1%
JET AV FUEL (P) CAR FM ICE GAS S	1	2.68	-53.4%	0	-	1	1	-7.3%
SINGAPORE MOGAS 92 UNLEADED	402	695.95	-42.2%	145.91	175.6%	312	713	-56.2%
NY JET FUEL (PLATTS) HEAT OIL SV	0	68.42	-100.0%	0.45	-100.0%	8	127	-94.1%
SINGAPORE MOGAS 92 UNLEADED	9	55.26	-84.2%	19.32	-54.7%	15	28	-47.8%
ETHANOL T2 FOB ROTT INCL DUTY	115	82.11	40.5%	79.41	45.3%	124	87	42.9%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-	0	1	-100.0%
FUEL OIL (PLATS) CAR CM	0	9.47	-100.0%	0	-	1	1	17.1%
FUEL OIL (PLATS) CAR CN	2	0.53	185.0%	1.64	-8.3%	1	1	-5.6%
GROUP THREE ULSD (PLATTS)	0	2.63	-100.0%	0	-	1	2	-54.0%
MICHIGAN MISO	0	0	-	0	-	555	1,282	-56.7%
INDONESIAN COAL	7	32.63	-78.5%	2.05	242.2%	8	58	-87.1%
ETHANOL FWD	28	55.26	-49.5%	38.36	-27.3%	37	64	-41.9%
ELEC ERCOT DLY OFF PK	0	0	-	0	-	0	0	-
NY HARBOR LOW SULPUR GASOIL 1	0	0	-	0	-	0	1	-100.0%
EURO 3.5% FUEL OIL M CRK	0	0	-	0	-	0	1	-100.0%
MJB FUT	0	0	-	0	-	0	0	-
DIESEL10PPM BARG VS ICE LS	0	0	-	0	-	0	0	-100.0%
TRANSCO ZONE 6 INDEX	0	2.11	-100.0%	0	-	0	3	-90.5%
MINI GAS EUROBOB OXY NWE ARG	6	29.53	-78.3%	0.91	604.0%	14	28	-50.4%
NAT GAS BASIS SWAP	0	0	-	4.36	-100.0%	23	30	-25.0%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-	4	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0	-	0	0	-100.0%
TRANSCO ZONE 6 PIPE SWAP	0	0	-	0	-	1	0	-
NATURAL GAS FIXED PRICE SWAP F	0	0	-	0	-	56	0	-
MINI RBOB V. EBOBARG NWE BRGS	14	8.95	56.5%	15.91	-12.0%	21	26	-20.9%
CANADIAN LIGHT SWEET OIL	40	1.58	2417.6%	163.64	-75.7%	49	10	409.7%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
EU LOW SULPHUR GASOIL CRACK	0	47.37	-100.0%	0	-	0	43	-100.0%
DEMARC INDEX FUTURE	0	35.89	-100.0%	0	-	0	3	-100.0%
NY HARBOR LOW SULPUR GAS 100C	0	26.84	-100.0%	0	-	17	27	-35.3%
3.5% FUEL OIL CIF BALMO S	1	0.53	-5.0%	0	-	1	0	66.9%
MINI RBOB V. EBOB(ARGUS) NWE B	59	24	144.2%	31.59	85.5%	34	22	55.9%
TCO NG INDEX SWAP	0	0	-	0	-	17	15	16.5%
GASOIL 0.1 CIF MED BALMO	0	0	-	0	-	0	0	-
SUMAS NAT GAS PLATTS FIXED PRI	0	0	-	0	-	13	0	-
CENTER POINT NAT GAS FIXED PRI	0	0	-	0	-	0	0	-
ELECTRICITY ERCOT PEAK	0	0	-	0	-	0	0	-100.0%
VENTURA NAT GAS PLATTS FIXED F	0	0	-	0	-	0	0	-
CRUDE OIL LAST DAY	0	0	-	0	-	0	0	-100.0%

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Energy Futures								
COLUMBIA GULF NAT GAS FIXED PF	0	0	-	0	-	2	0	-
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-	0	0	-
Energy Options								
PETRO OUTRIGHT EURO	0	40.79	-100.0%	0	-	1	5	-83.8%
PETROCHEMICALS	27	127.63	-78.6%	60.18	-54.7%	65	137	-52.2%
ISO NEW ENGLAND PK LMP	0	0	-	0	-	0	0	-
NATURAL GAS OPTION ON CALEND	27	49.47	-45.4%	55.45	-51.3%	53	56	-5.8%
ELEC MISO PEAK	127	0	-	0	-	11	0	-
HENRY HUB FINANCIAL LAST	60	443.16	-86.4%	29.5	104.4%	95	261	-63.5%
NATURAL GAS PHY	118,139	111,575.11	5.9%	116,773.45	1.2%	87,233	97,460	-10.5%
CRUDE OIL OUTRIGHTS	800	142.11	463.0%	0	-	76	24	211.9%
ELECTRICITY OFF PEAK	0	0	-	0	-	0	18	-100.0%
ELEC FINSETTLED	0	1.47	-100.0%	0	-	0	6	-97.0%
APPALACHIAN COAL	0	0	-	0	-	0	3	-94.8%
EUROPEAN JET KEROSENE NWE (P	0	0	-	0	-	0	0	-
HEATING OIL PHY	1,980	3,286.37	-39.7%	2,056.09	-3.7%	2,374	3,151	-24.7%
PJM MONTHLY	0	0	-	0	-	0	0	-100.0%
NY HARBOR HEAT OIL SWP	532	789.16	-32.6%	569.82	-6.7%	635	1,143	-44.5%
BRENT CALENDAR SWAP	56	830.21	-93.3%	59.59	-6.6%	654	1,643	-60.2%
NATURAL GAS 3 M CSO FIN	58	34.21	68.1%	22.73	153.0%	283	269	5.3%
RBOB PHY	1,135	1,534.79	-26.0%	1,269.82	-10.6%	1,413	1,643	-14.0%
PGE CITYGATE PIPE SWAP	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	0	0	-	0	-	20	13	55.0%
NATURAL GAS 2 M CSO FIN	50	73.68	-32.1%	45.45	10.0%	21	8	157.1%
SINGAPORE JET FUEL CALEND	0	0	-	13.64	-100.0%	6	11	-43.1%
WTI-BRENT BULLET SWAP	1,298	1,356.58	-4.4%	664.77	95.2%	1,061	2,201	-51.8%
BRENT 1 MONTH CAL	0	0	-	0	-	0	1	-100.0%
WTI 12 MONTH CALENDAR OPT	0	1,059.21	-100.0%	0	-	9	350	-97.5%
CRUDE OIL APO	1,197	4,409.47	-72.9%	1,538.23	-22.2%	3,068	3,529	-13.0%
WTI CRUDE OIL 1 M CSO FI	7,509	19,106.58	-60.7%	7,364.77	2.0%	7,675	5,758	33.3%
NATURAL GAS 6 M CSO FIN	50	155.26	-67.8%	45.45	10.0%	203	165	22.8%
RBOB CALENDAR SWAP	30	16.89	77.6%	36.73	-18.3%	82	393	-79.1%
CRUDE OIL PHY	142,356	158,823.53	-10.4%	140,977.27	1.0%	159,929	125,065	27.9%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	0	10	-100.0%
MCCLOSKEY ARA ARGS COAL	260	126.32	105.8%	0	-	39	107	-63.6%
MCCLOSKEY RCH BAY COAL	0	126.32	-100.0%	0	-	8	26	-68.7%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	20	-100.0%	2	0	-
HUSTN SHIP CHNL PIPE SWP	18	0	-	0	-	16	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	28	61	-54.6%
SOCAL PIPE SWAP	0	10.53	-100.0%	0	-	0	12	-100.0%
ETHANOL SWAP	219	391.37	-44.0%	404.05	-45.7%	308	473	-34.9%
SHORT TERM NATURAL GAS	174	152.63	13.8%	288.64	-39.8%	204	88	130.4%
SHORT TERM CRUDE OIL	0	0	-	0	-	0	3	-100.0%
BRENT OIL LAST DAY	157	1,111.74	-85.8%	99.68	57.9%	462	1,374	-66.4%
SINGAPORE GASOIL CALENDAR	0	0	-	13.64	-100.0%	1	1	118.2%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-
DAILY CRUDE OIL	0	242.11	-100.0%	0	-	35	150	-77.0%

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Energy Options								
EURO-DENOMINATED PETRO PROD	0	0	-	0.68	-100.0%	0	3	-97.7%
GASOIL CRACK SPREAD AVG PRICE	0	0	-	0	-	0	3	-100.0%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	-	15	87	-82.6%
CRUDE OIL 1MO	7,026	11,833.42	-40.6%	5,366.82	30.9%	9,680	8,182	18.3%
ROTTERDAM 3.5%FUEL OIL CL	1	16.58	-97.0%	0	-	3	21	-87.6%
NATURAL GAS 12 M CSO FIN	25	0	-	31.82	-21.4%	10	0	-
NATURAL GAS SUMMER STRIP	0	0	-	0	-	0	0	-
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-100.0%
PJM CALENDAR STRIP	1	33.16	-97.0%	13.64	-92.7%	7	39	-81.9%
SHORT TERM	63	90.79	-30.9%	101.14	-38.0%	86	56	53.5%
COAL SWAP	68	41.58	63.5%	4.77	1324.8%	20	15	29.7%
WTI 6 MONTH CALENDAR OPTI	0	0	-	0	-	0	36	-100.0%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-	1	0	-
NATURAL GAS 5 M CSO FIN	0	23.68	-100.0%	0	-	12	3	353.2%
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-	6	1	495.1%
COAL API2 INDEX	848	69.21	1124.5%	773.86	9.5%	674	33	1967.6%
COAL API4 INDEX	0	5.26	-100.0%	2.27	-100.0%	9	7	30.6%
NATURAL GAS 1 M CSO FIN	1,060	5,264.37	-79.9%	1,313.64	-19.3%	1,104	3,504	-68.5%
PJM ELECTRIC	0	0	-	0	-	0	0	-100.0%
GASOLINE	0	0	-	0	-	1	3	-80.5%
LLS CRUDE OIL	204	0	-	0	-	18	0	-
PJM WES HUB PEAK CAL MTH	0	0	-	0	-	1	0	-
1 MO GASOIL CAL SWAP SPR	0	0	-	4.55	-100.0%	0	0	-
WTI CRUDE OIL 12 M CSO F	0	52.63	-100.0%	0	-	0	16	-100.0%

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Metals Futures								
PALLADIUM	8,119	8,523.53	-4.7%	4,194.73	93.6%	5,530	6,246	-11.5%
NYMEX PLATINUM	13,076	11,113.21	17.7%	12,777	2.3%	13,993	12,841	9.0%
NYMEX HOT ROLLED STEEL	270	403.21	-33.0%	298.14	-9.4%	241	191	25.8%
URANIUM	0	9.79	-100.0%	18.27	-100.0%	15	14	5.8%
COMEX SILVER	64,587	75,530.42	-14.5%	50,343.05	28.3%	54,500	54,353	0.3%
COMEX GOLD	201,699	246,144.21	-18.1%	139,550.91	44.5%	169,316	160,789	5.3%
COMEX MINY GOLD	317	319.21	-0.8%	187.36	68.9%	271	204	32.4%
COMEX COPPER	92,182	76,812.74	20.0%	55,789.32	65.2%	68,991	57,902	19.2%
COMEX MINY COPPER	39	58.21	-33.9%	16.64	131.4%	38	45	-15.2%
E-MINI SILVER	0	0	-	0	-	0	0	-100.0%
COMEX MINY SILVER	39	58.84	-33.1%	29.64	32.8%	40	48	-16.6%
COPPER	12	57.21	-78.5%	44.5	-72.4%	28	51	-45.2%
E-MICRO GOLD	2,134	1,718.95	24.1%	1,898.27	12.4%	1,540	1,098	40.2%
SILVER	303	693.63	-56.4%	251.45	20.4%	370	569	-35.0%
FERROUS PRODUCTS	0	0	-	0	-	2	1	371.9%
IRON ORE 62 CHINA TSI FUTURES	879	57.63	1424.4%	643.14	36.6%	523	99	427.7%
IRON ORE 62 CHINA PLATTS FUTUR	0	0	-	4.77	-100.0%	11	0	2275.4%
GOLD	276	0	-	240.45	14.8%	189	0	-
IRON ORE 58 CHINA TSI FUTURES	0	0	-	0	-	0	0	-100.0%
ALUMINUM	127	34.11	272.7%	82.05	54.9%	30	24	25.5%
LNDN ZINC	2	0	-	0.64	277.1%	2	0	-
Aluminium MW Trans Prem Platts	149	19.32	670.9%	135	10.3%	149	22	592.1%
Metals Options								
PALLADIUM	165	247.21	-33.3%	186.14	-11.4%	183	546	-66.4%
NYMEX PLATINUM	207	420.37	-50.8%	211.64	-2.3%	240	573	-58.0%
COMEX SILVER	4,212	10,483.68	-59.8%	4,130.73	2.0%	5,023	7,356	-31.7%
SHORT TERM GOLD	0	0	-	0	-	0	0	-100.0%
COMEX GOLD	30,056	44,344.68	-32.2%	32,204.45	-6.7%	30,401	33,393	-9.0%
COMEX COPPER	224	79.11	183.1%	87.91	154.8%	112	83	33.7%
SHORT TERM	0	0	-	0	-	0	0	-100.0%
COPPER	0	0	-	0	-	0	0	-
SILVER	0	30.95	-99.4%	0.23	-12.0%	5	23	-78.6%
HOT ROLLED COIL STEEL PUT OPTI	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI PUT OPTIO	63	77.37	-19.2%	54.55	14.6%	190	16	1075.9%
IRON ORE 62 CHINA TSI CALL OPTIC	72	67.89	6.0%	170.45	-57.8%	84	37	126.3%
HOT ROLLED COIL STEEL CALL OPT	0	0	-	0	-	0	0	-
GOLD	124	105.47	17.2%	92.41	33.8%	96	90	6.3%
Foreign Exchange Futures								
CHILEAN PESO	0	0.53	-100.0%	0.32	-100.0%	0	0	93.7%

*** 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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	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Ags Futures								
PALM OIL	10	6.32	58.3%	0	-	1	1	-9.1%
TOTAL FUTURES GROUP								
Interest Rate Futures	5,358,804	5,182,816.89	3.4%	4,280,069.14	25.2%	5,287,155	5,561,246	-4.9%
Equity Index Futures	1,863,592	1,585,968.32	17.5%	2,148,482.27	-13.3%	2,202,487	2,247,035	-2.0%
Metals Futures	384,210	421,554.21	-8.9%	266,505.32	44.2%	315,780	294,497	7.2%
Energy Futures	1,684,209	1,598,937.89	5.3%	1,783,749.27	-5.6%	1,682,835	1,371,206	22.7%
FX Futures	637,601	843,245.37	-24.4%	661,513.77	-3.6%	784,046	734,329	6.8%
Commodities and Alternative Invest	1,168,393	1,079,794.11	8.2%	991,574	17.8%	1,033,431	888,802	16.3%
Foreign Exchange Futures	0	0.53	-100.0%	0.32	-100.0%	0	0	93.7%
Ags Futures	10	6.32	58.3%	0	-	1	1	-9.1%
TOTAL FUTURES	11,096,819	10,712,323.63	3.6%	10,131,894.09	9.5%	11,305,735.2	11,097,116.57	1.9%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,506,735	1,087,960.21	38.5%	1,523,942.82	-1.1%	1,530,179	1,448,188	5.7%
Equity Index Options	501,144	455,554.53	10.0%	568,047.82	-11.8%	555,054	516,496	7.5%
Metals Options	35,123	55,856.74	-37.1%	37,138.5	-5.4%	36,336	42,119	-13.7%
Energy Options	285,554	323,447.37	-11.7%	280,022.14	2.0%	277,715	257,628	7.8%
FX Options	72,726	83,549.05	-13.0%	71,525.36	1.7%	83,944	67,760	23.9%
Commodities and Alternative Invest	210,791	231,382.47	-8.9%	217,050.82	-2.9%	258,600	232,471	11.2%
TOTAL OPTIONS	2,612,073	2,237,750.37	16.7%	2,697,727.45	-3.2%	2,741,827.3	2,564,661.76	6.9%
TOTAL COMBINED								
Commodities and Alternative Invest	1,379,184	1,311,176.58	5.2%	1,208,624.82	14.1%	1,292,031	1,121,273	15.2%
FX	710,327	926,794.42	-23.4%	733,039.14	-3.1%	867,990	802,089	8.2%
Equity Index	2,364,735	2,041,522.84	15.8%	2,716,530.09	-13.0%	2,757,541	2,763,531	-0.2%
Interest Rate	6,865,539	6,270,777.11	9.5%	5,804,011.95	18.3%	6,817,334	7,009,435	-2.7%
Energy	1,969,764	1,922,385.26	2.5%	2,063,771.41	-4.6%	1,960,551	1,628,834	20.4%
Metals	419,332	477,410.95	-12.2%	303,643.82	38.1%	352,115	336,616	4.6%
Foreign Exchange	0	0.53	-100.0%	0.32	-100.0%	0	0	93.7%
Ags	10	6.32	58.3%	0	-	1	1	-9.1%
GRAND TOTAL	13,708,892	12,950,074	5.9%	12,829,621.55	6.9%	14,047,562.5	13,661,778.34	2.8%

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