

CME Group Exchange ADV Report - Monthly

November 2014

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| | ADV NOV 2014 | ADV NOV 2013 | % CHG | ADV OCT 2014 | % CHG | ADV Y.T.D 2014 | ADV Y.T.D 2013 | % CHG |
|--|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Commodities and Alternative Investments Futures | | | | | | | | |
| HDD SEASONAL STRIP | 5 | 0 | - | 0 | - | 2 | 2 | -8.7% |
| CDD SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 14 | -96.9% |
| CDD WEATHER | 0 | 0 | - | 0 | - | 32 | 63 | -49.0% |
| HDD WEATHER EUROPEAN | 13 | 15 | -12.3% | 10.87 | 21.1% | 8 | 15 | -49.5% |
| WKLY AVG TEMP | 0 | 5 | -100.0% | 0 | - | 3 | 40 | -91.9% |
| HDD WEATHER | 57 | 358 | -84.2% | 4.48 | 1163.4% | 28 | 94 | -70.0% |
| HOUSING INDEX | 0 | 1.15 | -58.8% | 0.74 | -35.9% | 1 | 1 | -39.0% |
| USD CRUDE PALM OIL | 0 | 0 | - | 0 | - | 0 | 4 | -100.0% |
| CAT EURO SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| MILK | 1,340 | 1,060.5 | 26.4% | 1,444.91 | -7.2% | 1,373 | 1,166 | 17.7% |
| HDD EURO SEASONAL STRIP | 66 | 0 | - | 163.04 | -59.6% | 26 | 4 | 557.4% |
| CASH-SETTLED CHEESE | 539 | 91.65 | 487.6% | 388.39 | 38.7% | 272 | 142 | 91.6% |
| CAT WEATHER EUROPEAN | 0 | 0 | - | 0 | - | 2 | 14 | -84.6% |
| LIVE CATTLE | 50,658 | 49,343.6 | 2.7% | 46,154.26 | 9.8% | 54,738 | 49,457 | 10.7% |
| BUTTER CS | 123 | 95.6 | 28.7% | 150.26 | -18.1% | 136 | 111 | 22.7% |
| LUMBER | 472 | 555 | -15.0% | 716.57 | -34.2% | 640 | 967 | -33.8% |
| DRY WHEY | 105 | 28.55 | 269.3% | 120.91 | -12.8% | 64 | 45 | 40.3% |
| CLASS IV MILK | 37 | 144.6 | -74.1% | 45.57 | -17.8% | 103 | 80 | 28.7% |
| NFD MILK | 124 | 74.35 | 66.9% | 110.91 | 11.9% | 115 | 48 | 141.4% |
| GSCI EXCESS RETURN FUT | 27 | 8.5 | 215.8% | 14.78 | 81.6% | 645 | 48 | 1247.1% |
| LEAN HOGS | 37,262 | 41,687.95 | -10.6% | 29,310.48 | 27.1% | 43,745 | 44,750 | -2.2% |
| FEEDER CATTLE | 6,783 | 5,606.85 | 21.0% | 9,791.22 | -30.7% | 8,259 | 6,624 | 24.7% |
| MLK MID | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GOLDMAN SACHS | 1,216 | 1,129.9 | 7.7% | 888 | 37.0% | 1,079 | 1,211 | -10.9% |
| WHEAT HRW | 0 | 25,113.6 | -100.0% | 0 | - | 0 | 22,120 | -100.0% |
| COCOA TAS | 3 | 0.9 | 180.7% | 1.17 | 115.2% | 1 | 1 | 61.3% |
| SUGAR 11 | 4 | 0.5 | 668.4% | 8.78 | -56.3% | 3 | 3 | -4.4% |
| COFFEE | 1 | 0.75 | 61.4% | 2.35 | -48.4% | 1 | 1 | 11.2% |
| COTTON | 4 | 1.25 | 203.2% | 4.96 | -23.5% | 3 | 2 | 39.4% |
| MINI WHEAT | 356 | 568.25 | -37.3% | 339.87 | 4.8% | 398 | 500 | -20.4% |
| CORN | 391,564 | 384,759.6 | 1.8% | 255,452.91 | 53.3% | 283,844 | 255,248 | 11.2% |
| SOYBEAN MEAL | 108,989 | 94,082.15 | 15.8% | 106,818.09 | 2.0% | 82,685 | 80,306 | 3.0% |
| SOYBEAN OIL | 125,592 | 113,159.5 | 11.0% | 95,649.78 | 31.3% | 94,131 | 94,468 | -0.4% |
| ROUGH RICE | 543 | 521.55 | 4.1% | 1,674.7 | -67.6% | 863 | 1,111 | -22.3% |
| DOW-UBS COMMOD INDEX | 519 | 207.4 | 150.3% | 795.83 | -34.8% | 954 | 765 | 24.8% |
| MINI SOYBEAN | 1,629 | 1,276.55 | 27.6% | 2,232.83 | -27.0% | 1,245 | 1,188 | 4.8% |
| WHEAT | 155,568 | 115,602.35 | 34.6% | 97,856.61 | 59.0% | 127,508 | 99,179 | 28.6% |
| OATS | 1,153 | 1,148.85 | 0.3% | 728.43 | 58.3% | 839 | 1,012 | -17.0% |
| SOYBEAN | 192,693 | 170,066.1 | 13.3% | 315,723.04 | -39.0% | 194,614 | 185,401 | 5.0% |
| MINI CORN | 1,020 | 935.15 | 9.0% | 770.87 | 32.3% | 687 | 819 | -16.2% |
| ETHANOL | 1,005 | 551.25 | 82.2% | 981.74 | 2.3% | 984 | 1,185 | -17.0% |
| DOW-UBS COMMOD INDEX SWAP | 0 | 0 | - | 0 | - | 0 | 7 | -100.0% |
| GRAIN BASIS SWAPS | 0 | 2.4 | -100.0% | 0 | - | 0 | 164 | -99.7% |
| FERTILIZER PRODUCTS | 69 | 66 | 4.1% | 88.26 | -22.2% | 63 | 41 | 53.0% |
| S&P GSCI ENHANCED ER SWAP | 0 | 0 | - | 0 | - | 237 | 74 | 221.6% |
| OTC SP GSCI ER SWAP | 0 | 0 | - | 0 | - | 9 | 18 | -49.9% |
| DJ_UBS ROLL SELECT INDEX FUTU | 0 | 0 | - | 0 | - | 13 | 7 | 77.6% |
| MALAYSIAN PALM SWAP | 255 | 138 | 84.6% | 226.96 | 12.2% | 179 | 59 | 200.8% |

*** 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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|--|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Commodities and Alternative Investments Options | | | | | | | | |
| HDD SEASONAL STRIP | 100 | 88 | 13.6% | 263.04 | -62.0% | 96 | 152 | -36.6% |
| CDD SEASONAL STRIP | 0 | 0 | - | 0 | - | 141 | 155 | -8.9% |
| CDD WEATHER | 0 | 0 | - | 0 | - | 10 | 28 | -63.7% |
| HDD WEATHER EUROPEAN | 26 | 0 | - | 21.74 | 21.1% | 8 | 6 | 31.5% |
| SBIN M HURR EVENT2 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HDD WEATHER | 32 | 100.5 | -68.6% | 10.87 | 190.5% | 24 | 21 | 14.9% |
| HOUSING INDEX | 0 | 0 | - | 0 | - | 0 | 0 | - |
| LV CATL CSO | 2 | 0 | - | 0 | - | 2 | 3 | -39.6% |
| LN HOGS CSO | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| SBIN HURR | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| SNOWFALL | 0 | 0 | - | 0 | - | 1 | 0 | - |
| CAT EURO SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 6 | -100.0% |
| MILK | 1,662 | 791.2 | 110.0% | 1,483.22 | 12.0% | 1,428 | 1,032 | 38.3% |
| HDD EURO SEASONAL STRIP | 132 | 25 | 426.3% | 869.57 | -84.9% | 133 | 44 | 203.8% |
| CASH-SETTLED CHEESE | 349 | 113.1 | 208.9% | 222.3 | 57.2% | 142 | 105 | 34.8% |
| CAT WEATHER EUROPEAN | 0 | 0 | - | 0 | - | 33 | 0 | - |
| LIVE CATTLE | 13,180 | 11,688.3 | 12.8% | 15,614.96 | -15.6% | 16,086 | 10,861 | 48.1% |
| BUTTER CS | 70 | 55.95 | 25.5% | 85.65 | -18.0% | 46 | 60 | -23.7% |
| LUMBER | 37 | 58.35 | -35.9% | 59.52 | -37.1% | 56 | 62 | -9.5% |
| DRY WHEY | 9 | 26.05 | -64.8% | 8.52 | 7.5% | 18 | 14 | 32.1% |
| CLASS IV MILK | 19 | 203.1 | -90.7% | 46.7 | -59.8% | 85 | 99 | -14.5% |
| NFD MILK | 99 | 33.95 | 190.5% | 95.09 | 3.7% | 66 | 25 | 158.7% |
| LEAN HOGS | 9,549 | 6,512 | 46.6% | 8,061 | 18.5% | 12,737 | 6,335 | 101.1% |
| FEEDER CATTLE | 1,569 | 977.15 | 60.5% | 2,133.22 | -26.5% | 1,415 | 853 | 65.8% |
| MLK MID | 10 | 7.5 | 30.5% | 6.78 | 44.3% | 5 | 4 | 15.4% |
| WHEAT HRW | 0 | 1,181.4 | -100.0% | 0 | - | 0 | 805 | -100.0% |
| JULY-DEC WHEAT CAL SPRD | 0 | 1.5 | -100.0% | 0 | - | 27 | 29 | -8.8% |
| CORN | 87,367 | 104,490.05 | -16.4% | 106,519.7 | -18.0% | 87,108 | 93,390 | -6.7% |
| SOYBEAN MEAL | 16,718 | 12,631.55 | 32.3% | 16,010.09 | 4.4% | 10,465 | 8,111 | 29.0% |
| SOYBEAN OIL | 8,025 | 4,319.75 | 85.8% | 6,490.26 | 23.6% | 7,032 | 5,667 | 24.1% |
| AUG-NOV SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 17 | 1 | 1106.5% |
| DEC-JULY CORN CAL SPRD | 0 | 7 | -100.0% | 8.91 | -100.0% | 4 | 2 | 96.9% |
| DEC-DEC CORN CAL SPRD | 37 | 20 | 83.2% | 9.35 | 291.9% | 11 | 9 | 26.2% |
| NOV-JULY SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 4 | 0 | 2071.7% |
| JAN-MAY SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 2 | 0 | - |
| JULY-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 3 | 3 | 11.2% |
| NOV-NOV SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| ROUGH RICE | 45 | 69.3 | -35.4% | 44 | 1.7% | 62 | 68 | -9.0% |
| WHEAT | 22,346 | 17,793.95 | 25.6% | 21,554.74 | 3.7% | 25,403 | 18,268 | 39.1% |
| WHEAT-CORN IC50 | 76 | 42.05 | 81.5% | 0 | - | 38 | 7 | 436.7% |
| CORN NEARBY+2 CAL SPRD | 128 | 94.55 | 35.8% | 48.09 | 167.1% | 369 | 623 | -40.8% |
| SOYBN NEARBY+2 CAL SPRD | 8 | 39.9 | -79.9% | 0.43 | 1739.9% | 35 | 41 | -13.3% |
| WHEAT NEARBY+2 CAL SPRD | 129 | 95.15 | 35.2% | 137.7 | -6.5% | 259 | 137 | 89.0% |
| SOY OIL NEARBY+2 CAL SPRD | 0 | 3 | -100.0% | 8.7 | -100.0% | 11 | 8 | 25.6% |
| SOYMEAL NEARBY+2 CAL SPRD | 3 | 0 | - | 0 | - | 0 | 0 | 4.8% |
| JULY-DEC CORN CAL SPRD | 64 | 28.25 | 125.1% | 5.43 | 1069.8% | 386 | 369 | 4.7% |
| DEC-JULY WHEAT CAL SPRD | 31 | 0 | - | 19.78 | 57.0% | 5 | 0 | - |
| JULY-NOV SOYBEAN CAL SPRD | 34 | 1.25 | 2615.8% | 22.57 | 50.4% | 246 | 238 | 3.5% |
| OATS | 141 | 143 | -1.6% | 109 | 29.1% | 106 | 125 | -14.9% |

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|--|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Commodities and Alternative Investments Options | | | | | | | | |
| SOYBEAN | 69,359 | 50,517.75 | 37.3% | 122,292.52 | -43.3% | 72,671 | 58,574 | 24.1% |
| JULY-DEC SOY OIL CAL SPRD | 0 | 0 | - | 0 | - | 1 | 2 | -39.3% |
| SOYBEAN CRUSH | 16 | 6.35 | 144.5% | 26.13 | -40.6% | 13 | 13 | -1.3% |
| MAY-NOV SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 1 | 0 | 242.4% |
| SOYBEAN CORN RATIO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MAR-JULY WHEAT CAL SPRD | 4 | 2.75 | 53.1% | 0 | - | 2 | 1 | 157.6% |
| MAR-JULY CORN CAL SPRD | 11 | 0 | - | 0 | - | 1 | 0 | - |
| MAR-DEC CORN CAL SPRD | 0 | 5 | -100.0% | 0 | - | 0 | 2 | -87.1% |
| NOV-DEC SOYBEAN CSO | 0 | 0 | - | 0 | - | 3 | 0 | - |
| DEC-JUL SOYBEAN OIL CSO | 0 | 0 | - | 0 | - | 1 | 0 | - |
| JULY-DEC SOYMEAL CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| FX Futures | | | | | | | | |
| RMB EURO | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| TURKISH LIRA | 0 | 148.75 | -99.8% | 0.3 | -13.5% | 87 | 180 | -51.6% |
| TURKISH LIRA (EU) | 0 | 30.05 | -99.5% | 0.09 | 81.5% | 62 | 110 | -43.6% |
| JAPANESE YEN | 199,542 | 118,990.15 | 67.7% | 205,580.04 | -2.9% | 146,365 | 169,691 | -13.7% |
| KOREAN WON | 0 | 34.05 | -99.7% | 0.7 | -84.9% | 10 | 21 | -53.6% |
| CD/JY CROSS RATES | 0 | 7.9 | -94.7% | 0.52 | -19.3% | 5 | 5 | 8.6% |
| CANADIAN DOLLAR | 62,717 | 49,301.7 | 27.2% | 68,248.7 | -8.1% | 59,580 | 69,158 | -13.8% |
| AD/NE CROSS RATES | 5 | 0.9 | 508.2% | 6.91 | -20.8% | 9 | 3 | 247.8% |
| BRITISH POUND | 91,612 | 96,842.5 | -5.4% | 99,269.09 | -7.7% | 99,343 | 116,023 | -14.4% |
| RUSSIAN RUBLE | 2,051 | 1,494.8 | 37.2% | 2,191.52 | -6.4% | 1,348 | 972 | 38.7% |
| SWISS FRANC | 43,916 | 31,627.75 | 38.9% | 44,636.39 | -1.6% | 36,887 | 35,959 | 2.6% |
| NEW ZEALND DOLLAR | 24,431 | 12,584.55 | 94.1% | 25,795.3 | -5.3% | 15,933 | 14,358 | 11.0% |
| BP/JY CROSS RATES | 97 | 154.05 | -37.0% | 51.3 | 89.3% | 214 | 124 | 72.5% |
| SHEKEL | 0 | 26.2 | -99.2% | 0 | - | 26 | 38 | -32.4% |
| E-MICRO USD/CAD | 0 | 0 | - | 0 | - | 0 | 0 | -89.0% |
| E-MICRO GBP/USD | 1,447 | 1,407 | 2.8% | 1,229.35 | 17.7% | 1,434 | 1,540 | -6.9% |
| E-MICRO USD/CHF | 0 | 0 | - | 0.09 | -100.0% | 0 | 0 | - |
| E-MICRO EUR/USD | 8,654 | 7,018.95 | 23.3% | 9,343.57 | -7.4% | 7,619 | 7,996 | -4.7% |
| E-MICRO USD/JPY | 1 | 0.1 | 426.3% | 0.91 | -42.4% | 0 | 0 | 9.6% |
| E-MICRO AUD/USD | 2,650 | 1,521.95 | 74.1% | 3,433.7 | -22.8% | 2,031 | 1,563 | 29.9% |
| AUSTRALIAN DOLLAR | 109,059 | 85,672.25 | 27.3% | 115,589.35 | -5.6% | 90,156 | 104,493 | -13.7% |
| E-MINI JAPANESE YEN | 915 | 598.45 | 52.8% | 911.78 | 0.3% | 646 | 1,326 | -51.3% |
| EFX/JY CROSS RATES | 2,343 | 2,052.9 | 14.1% | 2,472.87 | -5.3% | 2,164 | 3,588 | -39.7% |
| RMB USD | 50 | 77.6 | -36.2% | 15.65 | 216.4% | 41 | 75 | -45.1% |
| EFX/BP CROSS RATES | 2,257 | 2,055.6 | 9.8% | 2,510.74 | -10.1% | 2,863 | 2,933 | -2.4% |
| EFX/SF CROSS RATES | 2,016 | 679.55 | 196.7% | 1,530.96 | 31.7% | 1,573 | 1,771 | -11.1% |
| INDIAN RUPEE | 160 | 311.75 | -48.7% | 299.26 | -46.6% | 210 | 659 | -68.2% |
| EC/SEK CROSS RATES | 0 | 5.15 | -92.8% | 72.35 | -99.5% | 33 | 14 | 131.0% |
| S.AFRICAN RAND | 420 | 270.65 | 55.1% | 558.78 | -24.9% | 431 | 562 | -23.3% |
| MEXICAN PESO | 35,938 | 29,986 | 19.9% | 50,123.74 | -28.3% | 40,388 | 41,169 | -1.9% |
| EURO FX | 240,258 | 202,383.95 | 18.7% | 256,532.87 | -6.3% | 203,089 | 243,197 | -16.5% |
| SF/JY CROSS RATES | 0 | 0.6 | -100.0% | 0 | - | 0 | 8 | -99.1% |
| EC/CD CROSS RATES | 93 | 16.4 | 467.4% | 168.52 | -44.8% | 156 | 38 | 313.0% |
| EC/NOK CROSS RATES | 0 | 8.6 | -100.0% | 0 | - | 4 | 8 | -51.3% |

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| FX Futures | | | | | | | | |
| EC/AD CROSS RATES | 45 | 20.65 | 117.4% | 19.09 | 135.2% | 57 | 48 | 17.1% |
| BP/SF CROSS RATES | 20 | 11.15 | 79.4% | 11.04 | 81.1% | 20 | 13 | 57.1% |
| E-MINI EURO FX | 4,008 | 3,809.05 | 5.2% | 3,928.57 | 2.0% | 3,592 | 4,124 | -12.9% |
| MICRO JYP/USD | 701 | 454.15 | 54.4% | 855.65 | -18.0% | 594 | 703 | -15.5% |
| MICRO CAD/USD | 556 | 243.7 | 128.1% | 995.13 | -44.1% | 714 | 237 | 201.0% |
| MICRO CHF/USD | 132 | 167.9 | -21.1% | 176.78 | -25.1% | 190 | 244 | -22.3% |
| POLISH ZLOTY (EC) | 5 | 76.1 | -93.1% | 0 | - | 156 | 176 | -11.3% |
| AD/JY CROSS RATES | 304 | 106.45 | 185.9% | 496.04 | -38.6% | 267 | 126 | 112.0% |
| AD/CD CROSS RATES | 4 | 5.25 | -20.8% | 6.7 | -37.9% | 4 | 5 | -10.1% |
| HUNGARIAN FORINT (US) | 0 | 1.35 | -92.2% | 0 | - | 3 | 62 | -95.6% |
| CZECK KORUNA (EC) | 0 | 0 | - | 0 | - | 0 | 37 | -100.0% |
| POLISH ZLOTY (US) | 98 | 157.95 | -38.2% | 23 | 324.5% | 85 | 78 | 8.7% |
| SKR/USD CROSS RATES | 33 | 39.25 | -15.5% | 33.83 | -2.0% | 45 | 53 | -15.7% |
| HUNGARIAN FORINT (EC) | 0 | 4.65 | -100.0% | 0 | - | 3 | 78 | -96.3% |
| CZECK KORUNA (US) | 0 | 0 | - | 0.22 | -75.8% | 0 | 23 | -99.2% |
| NKR/USD CROSS RATE | 42 | 56.8 | -26.9% | 39.7 | 4.6% | 51 | 55 | -7.2% |
| BRAZIL REAL | 6,665 | 918.2 | 625.8% | 3,534.17 | 88.6% | 2,607 | 1,402 | 86.0% |
| USDZAR | 0 | 7.9 | -94.7% | 3.7 | -88.6% | 6 | 2 | 272.6% |
| EURO QUARTERLY VARIANCE FUTU | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| FX Options | | | | | | | | |
| AUSTRALIAN DLR (EU) | 31 | 16.1 | 90.3% | 6.74 | 354.5% | 13 | 57 | -77.7% |
| JAPANESE YEN | 17,452 | 14,328 | 21.8% | 14,633 | 19.3% | 11,617 | 14,622 | -20.6% |
| EURO FX (EU) | 635 | 316.3 | 100.9% | 404.39 | 57.1% | 376 | 287 | 31.2% |
| CANADIAN DOLLAR | 5,127 | 4,651.8 | 10.2% | 6,347.3 | -19.2% | 5,651 | 4,379 | 29.0% |
| BRITISH POUND | 10,960 | 10,671.2 | 2.7% | 11,347.3 | -3.4% | 12,316 | 7,309 | 68.5% |
| RUSSIAN RUBLE | 0 | 0 | - | 0 | - | 30 | 5 | 538.3% |
| CANADIAN DOLLAR (EU) | 53 | 91.9 | -42.0% | 22.17 | 140.4% | 27 | 58 | -53.7% |
| SWISS FRANC (EU) | 1 | 19.2 | -96.7% | 0 | - | 8 | 24 | -67.7% |
| SWISS FRANC | 1,498 | 826.35 | 81.2% | 1,180.7 | 26.8% | 1,103 | 697 | 58.1% |
| BRITISH POUND (EU) | 48 | 69.05 | -30.1% | 29.57 | 63.2% | 40 | 116 | -65.5% |
| NEW ZEALND DOLLAR | 0 | 0 | - | 0.65 | -59.6% | 3 | 0 | 1222.0% |
| AUSTRALIAN DOLLAR | 7,528 | 7,935.75 | -5.1% | 6,412.78 | 17.4% | 6,240 | 6,896 | -9.5% |
| EFX/JY CROSS RATES | 0 | 0 | - | 0 | - | 0 | 10 | -100.0% |
| EFX/SF CROSS RATES | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MEXICAN PESO | 110 | 2.5 | 4310.5% | 29.96 | 268.1% | 29 | 11 | 154.1% |
| EURO FX | 40,040 | 27,533.75 | 45.4% | 42,488.57 | -5.8% | 28,784 | 25,644 | 12.2% |
| JAPANESE YEN (EU) | 66 | 62.3 | 5.2% | 17.78 | 268.5% | 47 | 132 | -64.3% |
| BRAZIL REAL | 0 | 0 | - | 0 | - | 0 | 0 | - |

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|-----------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Equity Index Futures | | | | | | | | |
| DJ US REAL ESTATE | 407 | 178.45 | 127.8% | 383.22 | 6.1% | 436 | 208 | 109.2% |
| E-MINI NASDAQ 100 | 211,260 | 214,042.6 | -1.3% | 439,367.91 | -51.9% | 296,757 | 235,687 | 25.9% |
| S&P ENERGY SECTOR | 471 | 354.45 | 32.9% | 469.22 | 0.4% | 374 | 328 | 14.1% |
| S&P MATERIALS SECTOR | 168 | 30.7 | 445.7% | 233.57 | -28.3% | 104 | 90 | 14.9% |
| S&P FINANCIAL SECTOR | 50 | 43.25 | 16.5% | 125.7 | -59.9% | 140 | 198 | -29.3% |
| S&P HEALTH CARE SECTOR | 228 | 26.6 | 755.4% | 273.48 | -16.8% | 183 | 182 | 0.7% |
| S&P INDUSTRIAL SECTOR | 122 | 73.9 | 64.6% | 167.91 | -27.6% | 135 | 94 | 44.0% |
| S&P UTILITIES SECTOR | 520 | 123.65 | 320.7% | 296.96 | 75.2% | 313 | 201 | 55.9% |
| S&P TECHNOLOGY SECTOR | 81 | 84.7 | -4.3% | 97.65 | -17.0% | 144 | 160 | -10.1% |
| S&P CONSUMER DSCRTNRY SECTO | 82 | 109.4 | -24.8% | 192.22 | -57.2% | 136 | 86 | 59.0% |
| S&P 500 | 8,038 | 6,820.8 | 17.8% | 9,970 | -19.4% | 12,422 | 16,494 | -24.7% |
| E-MICRO NIFTY | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| NASDAQ | 754 | 501.85 | 50.2% | 912.87 | -17.4% | 938 | 929 | 1.0% |
| E-MINI MIDCAP | 12,781 | 16,931.65 | -24.5% | 28,210 | -54.7% | 20,401 | 22,228 | -8.2% |
| NIKKEI 225 (\$) STOCK | 20,611 | 12,505.4 | 64.8% | 24,062.61 | -14.3% | 18,458 | 18,575 | -0.6% |
| NIKKEI 225 (YEN) STOCK | 57,352 | 45,769.9 | 25.3% | 75,500 | -24.0% | 47,314 | 46,795 | 1.1% |
| IBOVESPA INDEX | 14 | 31.1 | -56.5% | 21.17 | -36.1% | 18 | 115 | -84.7% |
| S&P 600 SMALLCAP EMINI | 0 | 0.65 | -100.0% | 0 | - | 0 | 1 | -82.3% |
| S&P CONSUMER STAPLES SECTOR | 153 | 81.3 | 87.9% | 171.26 | -10.8% | 242 | 171 | 41.5% |
| E-MINI S&P500 | 1,169,625 | 1,434,460.15 | -18.5% | 2,368,046.78 | -50.6% | 1,671,000 | 1,794,807 | -6.9% |
| S&P 500/VALUE | 0 | 0.1 | 215.8% | 0.26 | 21.0% | 5 | 3 | 79.7% |
| S&P 500 GROWTH | 0 | 0.15 | 215.8% | 0.26 | 81.6% | 3 | 3 | 0.7% |
| S&P 400 MIDCAP | 105 | 20.3 | 418.8% | 265.7 | -60.4% | 86 | 82 | 4.4% |
| \$25 DJ | 0 | 0.2 | -100.0% | 1.04 | -100.0% | 0 | 0 | 4.1% |
| MINI \$5 DOW | 102,886 | 124,698.9 | -17.5% | 236,695.43 | -56.5% | 154,258 | 140,670 | 9.7% |
| DJIA | 246 | 200.45 | 23.0% | 399.61 | -38.3% | 448 | 662 | -32.3% |
| NASDAQ BIOTECH | 13 | 0 | - | 0 | - | 2 | 0 | - |
| Equity Index Options | | | | | | | | |
| E-MINI NASDAQ 100 | 8,903 | 5,631.35 | 58.1% | 15,279.83 | -41.7% | 12,843 | 3,530 | 263.8% |
| S&P 500 | 34,179 | 19,591.3 | 74.5% | 65,985.78 | -48.2% | 34,140 | 27,721 | 23.2% |
| EOW4 EMINI S&P 500 | 1,829 | 25,785.45 | -92.9% | 59,313.09 | -96.9% | 35,296 | 23,165 | 52.4% |
| EOW2 S&P 500 | 1,556 | 3,499.55 | -55.6% | 3,659.43 | -57.5% | 3,521 | 2,146 | 64.1% |
| EOW1 EMINI S&P 500 | 55,119 | 19,998.4 | 175.6% | 52,820.96 | 4.4% | 40,352 | 23,534 | 71.5% |
| NASDAQ | 1 | 1.05 | 10.3% | 2.17 | -46.7% | 1 | 2 | -30.3% |
| EOW1 S&P 500 | 3,511 | 1,957.65 | 79.3% | 1,364 | 157.4% | 2,128 | 1,349 | 57.8% |
| E-MINI MIDCAP | 1 | 10.35 | -90.8% | 1.39 | -31.9% | 4 | 6 | -30.4% |
| EOM S&P 500 | 4,553 | 3,729.75 | 22.1% | 5,509.3 | -17.4% | 3,817 | 3,331 | 14.6% |
| EOM EMINI S&P | 53,047 | 36,256.65 | 46.3% | 75,321.26 | -29.6% | 45,561 | 30,136 | 51.2% |
| EOW2 EMINI S&P 500 | 33,463 | 24,725.65 | 35.3% | 56,589.09 | -40.9% | 40,062 | 23,019 | 74.0% |
| E-MINI S&P500 | 258,772 | 214,459.05 | 20.7% | 512,292.39 | -49.5% | 291,005 | 224,768 | 29.5% |
| MINI \$5 DOW | 621 | 502.15 | 23.6% | 959.17 | -35.3% | 574 | 723 | -20.6% |
| DJIA | 0 | 0.9 | -53.2% | 1.04 | -59.6% | 2 | 18 | -87.7% |

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|------------------------------|-----------------|-----------------|--------|-----------------|---------|-------------------|-------------------|---------|
| Interest Rate Futures | | | | | | | | |
| 5-YR SWAP RATE | 1,355 | 2,594.9 | -47.8% | 2,235.61 | -39.4% | 2,840 | 2,048 | 38.6% |
| 2-YR SWAP RATE | 303 | 78.85 | 284.5% | 257.74 | 17.6% | 402 | 298 | 35.2% |
| 10-YR SWAP RATE | 1,381 | 2,493.05 | -44.6% | 1,557.96 | -11.4% | 2,711 | 2,705 | 0.2% |
| EURO BONDS | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| 1-MONTH EURODOLLAR | 36 | 35 | 3.8% | 118.96 | -69.5% | 81 | 45 | 77.7% |
| EUROYEN | 0 | 0 | - | 0 | - | 0 | 0 | 7.5% |
| EMINI ED | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EURODOLLARS | 1,819,005 | 1,971,124.45 | -7.7% | 3,774,920.78 | -51.8% | 2,614,639 | 2,052,580 | 27.4% |
| 30-YR BOND | 411,949 | 385,609.95 | 6.8% | 450,877.57 | -8.6% | 375,857 | 388,743 | -3.3% |
| 5-YR SWAP | 0 | 0 | - | 0 | - | 0 | 315 | -100.0% |
| 5-YR NOTE | 838,579 | 819,872.45 | 2.3% | 906,884.74 | -7.5% | 797,596 | 695,747 | 14.6% |
| 10-YR NOTE | 1,484,518 | 1,373,188.4 | 8.1% | 1,701,137.78 | -12.7% | 1,380,346 | 1,293,366 | 6.7% |
| 2-YR NOTE | 454,899 | 299,108.85 | 52.1% | 295,733.52 | 53.8% | 290,261 | 229,428 | 26.5% |
| 30-YR SWAP RATE | 105 | 174.5 | -39.9% | 100.09 | 4.8% | 236 | 354 | -33.4% |
| ULTRA T-BOND | 135,907 | 133,065.3 | 2.1% | 91,949.09 | 47.8% | 102,601 | 83,928 | 22.2% |
| 30-YR SWAP | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| FED FUND | 34,766 | 12,901.5 | 169.5% | 48,077.57 | -27.7% | 29,417 | 18,452 | 59.4% |
| 10-YR SWAP | 0 | 0 | - | 0 | - | 0 | 502 | -100.0% |
| EURO 5YR BUNDLE | 0 | 0 | - | 0.43 | -100.0% | 1 | 0 | - |
| 3YR BUNDLE | 3 | 0 | - | 19.17 | -84.6% | 3 | 0 | - |
| 2YR BUNDLE | 9 | 0 | - | 32.83 | -71.6% | 5 | 0 | - |

Interest Rate Options

| | | | | | | | | |
|-----------------|---------|-----------|--------|------------|--------|---------|---------|---------|
| EURO MIDCURVE | 397,031 | 385,581.1 | 3.0% | 891,224.26 | -55.5% | 682,310 | 484,761 | 40.8% |
| EURODOLLARS | 208,705 | 98,544.8 | 111.8% | 339,677.48 | -38.6% | 177,987 | 110,403 | 61.2% |
| FLEX 30-YR BOND | 0 | 0 | - | 0 | - | 14 | 0 | - |
| FLEX 10-YR NOTE | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| 30-YR BOND | 42,701 | 80,648.4 | -47.1% | 94,376.52 | -54.8% | 65,029 | 75,896 | -14.3% |
| 5-YR NOTE | 75,149 | 84,337.2 | -10.9% | 141,922.35 | -47.0% | 114,308 | 96,574 | 18.4% |
| 10-YR NOTE | 352,469 | 364,348.6 | -3.3% | 445,721.74 | -20.9% | 399,786 | 358,735 | 11.4% |
| 2-YR NOTE | 11,558 | 2,694.85 | 328.9% | 12,253.17 | -5.7% | 9,165 | 7,653 | 19.7% |
| ULTRA T-BOND | 214 | 668.65 | -68.1% | 372.22 | -42.6% | 535 | 350 | 53.0% |
| FED FUND | 133 | 0 | - | 46.04 | 188.1% | 106 | 215 | -50.7% |

Energy Futures

| | | | | | | | | |
|-------------------------------|-----|-------|--------|-------|--------|-----|-------|--------|
| TENNESSEE 500 LEG NG SWIN | 0 | 0 | - | 0 | - | 1 | 0 | 291.9% |
| NGPL TEXOK SWING SWAP | 13 | 0 | - | 0 | - | 1 | 0 | - |
| ELEC ERCOT OFF PEAK | 103 | 2,448 | -95.8% | 0 | - | 160 | 1,175 | -86.4% |
| RBOB GAS | 28 | 24.85 | 14.4% | 32.35 | -12.1% | 36 | 354 | -89.8% |
| ELEC ERCOT DLY PEAK | 6 | 21 | -72.4% | 0 | - | 8 | 45 | -82.4% |
| ERCOT NORTH ZMCPE 5MW OFFPE | 103 | 5,562 | -98.1% | 0 | - | 632 | 1,065 | -40.7% |
| ERCOT NORTH ZMCPE 5MW PEAK | 6 | 127.5 | -95.5% | 26.74 | -78.3% | 42 | 66 | -35.6% |
| ERCOT HOUSTON Z MCPE 5MW PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE JET KERO VS. GASOIL | 3 | 15 | -82.5% | 0 | - | 0 | 11 | -98.1% |
| PETRO OUTRIGHT EURO | 451 | 361.3 | 24.8% | 434 | 3.9% | 440 | 352 | 24.8% |
| MONT BELVIEU LDH PROPANE OPIS | 19 | 2.5 | 660.0% | 36.3 | -47.7% | 34 | 15 | 130.8% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| MONT BELVIEU ETHANE OPIS BALM | 17 | 0 | - | 7.61 | 128.3% | 5 | 0 | 3828.4% |
| CONWAY NATURAL GASOLINE (OPI | 13 | 1.55 | 728.5% | 7.04 | 82.3% | 2 | 0 | 426.9% |
| PETROCHEMICALS | 155 | 82.4 | 88.6% | 191.52 | -18.8% | 203 | 157 | 29.6% |
| CONWAY PROPANE 5 DECIMALS S | 274 | 28.3 | 868.0% | 262.61 | 4.3% | 163 | 34 | 374.0% |
| CONWAY NORMAL BUTANE (OPIS) S | 0 | 7.4 | -100.0% | 1.17 | -100.0% | 5 | 4 | 17.5% |
| MONT BELVIEU NORMAL BUTANE B | 40 | 6.45 | 517.7% | 12.26 | 225.0% | 20 | 17 | 18.9% |
| MONT BELVIEU NATURAL GASOLIN | 16 | 10 | 55.3% | 10.22 | 52.0% | 15 | 9 | 77.5% |
| IN DELIVERY MONTH EUA | 391 | 960 | -59.3% | 202.43 | 93.2% | 494 | 1,597 | -69.1% |
| WTS (ARGUS) VS WTI SWAP | 724 | 77.25 | 837.4% | 302.65 | 139.3% | 241 | 58 | 314.2% |
| ISO NEW ENGLAND PK LMP | 0 | 12.8 | -100.0% | 0 | - | 5 | 12 | -53.8% |
| ELEC NYISO OFF-PEAK | 0 | 509.25 | -100.0% | 0 | - | 102 | 357 | -71.4% |
| ELEC MISO PEAK | 0 | 30.45 | -100.0% | 0 | - | 6 | 29 | -79.4% |
| TRANSCO ZONE 4 NAT GAS IN | 20 | 0 | - | 0 | - | 2 | 3 | -43.4% |
| ANR LA NAT GAS INDEX SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NGPL STX NAT GAS INDEX SW | 0 | 0 | - | 0 | - | 0 | 0 | - |
| COLUMB GULF MAINLINE NG B | 211 | 0 | - | 153.22 | 38.0% | 206 | 7 | 2820.6% |
| TEXAS EAST W LOUISIANA NG | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ONEOK OKLAHOMA NG BASIS | 0 | 12.4 | -100.0% | 0 | - | 10 | 6 | 66.9% |
| TEXAS GAS ZONE1 NG BASIS | 0 | 0 | - | 0 | - | 3 | 10 | -64.1% |
| NYISO ZONE C 5MW D AH O P | 0 | 0 | - | 0 | - | 0 | 270 | -100.0% |
| PJM NI HUB 5MW REAL TIME | 0 | 956.55 | -100.0% | 35.65 | -100.0% | 2,803 | 5,032 | -44.3% |
| NYISO ZONE J 5MW D AH O P | 1,227 | 102 | 1103.3% | 0 | - | 454 | 1,801 | -74.8% |
| NYISO ZONE J 5MW D AH PK | 0 | 73.5 | -100.0% | 0 | - | 33 | 167 | -80.4% |
| NEPOOL W CNT MASS 5MW D A | 0 | 0 | - | 0 | - | 41 | 168 | -75.6% |
| PJM COMED 5MW D AH PK | 0 | 0 | - | 0 | - | 6 | 26 | -77.0% |
| 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 | - | 20 | 56 | -63.7% |
| NEPOOL CONECTIC 5MW D AH | 0 | 0 | - | 0 | - | 1 | 3 | -61.3% |
| NEPOOL NE MASS 5MW D AH P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE C 5MW D AH PK | 0 | 0 | - | 0 | - | 2 | 27 | -93.1% |
| PETRO CRCKS & SPRDS NA | 1,160 | 1,410.6 | -17.8% | 1,085.61 | 6.8% | 1,208 | 1,457 | -17.1% |
| SINGAPORE GASOIL | 215 | 115.4 | 86.5% | 59.87 | 259.5% | 115 | 94 | 22.1% |
| PETRO OUTRIGHT NA | 466 | 605.5 | -23.0% | 437.52 | 6.6% | 526 | 351 | 49.9% |
| CRUDE OIL SPRDS | 19 | 0 | - | 0 | - | 2 | 3 | -51.6% |
| RBOB GASOLINE BALMO CLNDR | 2 | 43.15 | -94.9% | 47.57 | -95.4% | 35 | 51 | -30.5% |
| GASOLINE UP-DOWN BALMO SW | 29 | 33.25 | -13.7% | 2.61 | 999.6% | 15 | 25 | -41.9% |
| COLUMBIA GULF MAIN NAT G | 52 | 0 | - | 0 | - | 9 | 0 | - |
| ALGON CITY GATES NAT GAS | 0 | 0 | - | 0 | - | 2 | 2 | -22.7% |
| TENN 800 LEG NAT GAS INDE | 0 | 7.75 | -100.0% | 0 | - | 1 | 28 | -98.0% |
| NATURAL GAS PHY | 420,003 | 280,910.2 | 49.5% | 264,687.91 | 58.7% | 294,079 | 334,454 | -12.1% |
| CRUDE OIL OUTRIGHTS | 245 | 254.85 | -3.8% | 276.3 | -11.3% | 289 | 294 | -1.8% |
| ELECTRICITY OFF PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ELEC FINSETTLED | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PETRO CRK&SPRD EURO | 256 | 362.6 | -29.5% | 406.57 | -37.1% | 232 | 278 | -16.4% |
| FREIGHT MARKETS | 0 | 0 | - | 0 | - | 0 | 0 | -56.2% |
| PLASTICS | 63 | 17.5 | 257.9% | 30.35 | 106.4% | 25 | 17 | 48.4% |
| NYH NO 2 CRACK SPREAD CAL | 58 | 795.35 | -92.7% | 288.13 | -79.8% | 183 | 264 | -30.6% |
| TRANSCO ZONE 6 BASIS SWAP | 32 | 34.4 | -7.0% | 0 | - | 13 | 11 | 22.3% |

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|---------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| NYISO A | 47 | 83.8 | -43.8% | 15.26 | 208.7% | 31 | 67 | -53.2% |
| MINY NATURAL GAS | 2,271 | 1,130.95 | 100.8% | 1,137.83 | 99.6% | 1,581 | 1,265 | 25.0% |
| HEATING OIL PHY | 164,537 | 130,426.7 | 26.2% | 148,240.26 | 11.0% | 133,751 | 129,959 | 2.9% |
| DOMINION TRANSMISSION INC | 67 | 145.2 | -53.7% | 218 | -69.1% | 237 | 85 | 178.7% |
| TCO BASIS SWAP | 2,583 | 0 | - | 258.35 | 900.0% | 723 | 9 | 8393.4% |
| PJM MONTHLY | 1 | 271.6 | -99.8% | 34.35 | -98.5% | 104 | 141 | -26.2% |
| WAHA INDEX SWAP FUTURE | 0 | 0 | - | 0 | - | 1 | 0 | - |
| NY HARBOR HEAT OIL SWP | 361 | 277.25 | 30.0% | 381.65 | -5.5% | 260 | 256 | 1.7% |
| EASTERN RAIL DELIVERY CSX | 212 | 472.25 | -55.2% | 232.83 | -9.1% | 229 | 458 | -50.1% |
| HTG OIL | 0 | 1.9 | -100.0% | 1.87 | -100.0% | 3 | 192 | -98.5% |
| EUROPE 3.5% FUEL OIL MED | 3 | 1.75 | 80.5% | 11.26 | -72.0% | 7 | 2 | 349.7% |
| AEP-DAYTON HUB DAILY | 0 | 0 | - | 0 | - | 1 | 1 | 38.9% |
| PJM OFF-PEAK LMP SWAP FUT | 13 | 67.3 | -81.2% | 10.43 | 21.1% | 21 | 282 | -92.7% |
| AEP-DAYTON HUB OFF-PEAK M | 0 | 26 | -100.0% | 0.61 | -100.0% | 5 | 15 | -68.7% |
| DOMINION TRAN INC - APP I | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| TENNESSEE ZONE 0 BASIS SW | 0 | 0 | - | 0 | - | 1 | 6 | -82.5% |
| NEW YORK HUB ZONE J PEAK | 0 | 5.95 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| TD3 MEG TO JAPAN 250K MT | 0 | 0 | - | 0 | - | 0 | 1 | -98.3% |
| FUELOIL SWAP:CARGOES VS.B | 15 | 41.45 | -63.9% | 24.13 | -38.1% | 28 | 62 | -55.0% |
| MICHIGAN HUB PEAK MONTH S | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MINY HTG OIL | 0 | 0.4 | -7.9% | 0.43 | -15.3% | 0 | 1 | -31.1% |
| BRENT CALENDAR SWAP | 751 | 234.35 | 220.6% | 422.52 | 77.8% | 332 | 452 | -26.7% |
| EURO GASOIL 10PPM VS ICE | 7 | 4.8 | 49.1% | 3.91 | 82.9% | 6 | 17 | -64.8% |
| WTI-BRENT CALENDAR SWAP | 1,621 | 2,190.1 | -26.0% | 1,529.13 | 6.0% | 1,045 | 1,385 | -24.5% |
| CENTERPOINT BASIS SWAP | 218 | 0 | - | 97.91 | 122.3% | 34 | 18 | 88.6% |
| PJM NILL DA OFF-PEAK | 534 | 671.55 | -20.5% | 825.91 | -35.4% | 991 | 1,620 | -38.8% |
| PANHANDLE INDEX SWAP FUTU | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| PJM NILL DA PEAK | 20 | 85.6 | -76.1% | 68.39 | -70.1% | 63 | 99 | -36.8% |
| CIN HUB 5MW REAL TIME PK | 0 | 1,051 | -100.0% | 46.78 | -100.0% | 91 | 214 | -57.4% |
| MINY WTI CRUDE OIL | 11,168 | 7,368.45 | 51.6% | 10,058.52 | 11.0% | 6,875 | 7,003 | -1.8% |
| JAPAN C&F NAPHTHA SWAP | 56 | 68.05 | -18.1% | 36.61 | 52.3% | 58 | 93 | -38.3% |
| LLS (ARGUS) VS WTI SWAP | 361 | 860.05 | -58.0% | 430.48 | -16.1% | 473 | 838 | -43.6% |
| RBOB PHY | 142,816 | 138,855.8 | 2.9% | 137,847.7 | 3.6% | 137,567 | 136,787 | 0.6% |
| NEPOOL RHD ISLD 5MW D AH | 305 | 127.5 | 139.6% | 13.7 | 2130.4% | 90 | 15 | 493.9% |
| NEPOOL NE MASS 5MW D AH O | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEPOOL NEW HAMP 5MW D AH | 0 | 0 | - | 0 | - | 0 | 39 | -100.0% |
| CIN HUB 5MW REAL TIME O P | 0 | 4,897.6 | -100.0% | 202.78 | -100.0% | 1,786 | 3,670 | -51.3% |
| ULSD UP-DOWN(ARGUS) SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| LTD NAT GAS | 11,792 | 8,337.05 | 41.4% | 7,834.7 | 50.5% | 9,009 | 9,483 | -5.0% |
| SAN JUAN PIPE SWAP | 0 | 0 | - | 0 | - | 1 | 0 | - |
| NORTHWEST ROCKIES BASIS S | 113 | 1.4 | 7941.4% | 72.13 | 56.1% | 60 | 21 | 180.6% |
| SINGAPORE 380CST BALMO | 1 | 3.45 | -63.4% | 2.17 | -41.9% | 3 | 5 | -23.1% |
| PJM BGE DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 130 | -100.0% |
| ULSD 10PPM CIF MED VS ICE | 0 | 0 | - | 0.87 | -69.7% | 2 | 5 | -55.8% |
| GULF COAST JET FUEL CLNDR | 2 | 0 | - | 0.78 | 182.5% | 14 | 51 | -72.8% |
| HEATING OIL CRCK SPRD BAL | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| SINGAPORE GASOIL SWAP | 273 | 390.45 | -30.2% | 230.43 | 18.3% | 374 | 573 | -34.8% |
| CHICAGO ULSD PL VS HO SPR | 2 | 8.3 | -71.5% | 14.04 | -83.1% | 20 | 19 | 3.2% |
| CIN HUB 5MW D AH PK | 0 | 135.9 | -100.0% | 0 | - | 97 | 83 | 16.8% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| PJM AD HUB 5MW REAL TIME | 0 | 8,947.25 | -100.0% | 319 | -100.0% | 9,147 | 8,556 | 6.9% |
| TC5 RAS TANURA TO YOKOHAM | 0 | 0.25 | -100.0% | 0 | - | 0 | 4 | -97.6% |
| Sumas Basis Swap | 18 | 21.2 | -15.6% | 17.13 | 4.5% | 10 | 14 | -25.0% |
| RBOB CRACK SPREAD | 56 | 282.1 | -80.2% | 24.35 | 129.1% | 73 | 75 | -1.5% |
| NGPL TEX/OK | 398 | 0 | - | 209.74 | 89.8% | 193 | 18 | 999.8% |
| EURO GASOIL 10 CAL SWAP | 0 | 0.3 | -100.0% | 0 | - | 0 | 2 | -98.1% |
| HENRY HUB INDEX SWAP FUTU | 1,351 | 93 | 1352.9% | 700 | 93.0% | 576 | 421 | 36.7% |
| WTI-BRENT BULLET SWAP | 5 | 287.3 | -98.2% | 26.09 | -79.8% | 33 | 74 | -54.8% |
| NYISO J OFF-PEAK | 6 | 6 | 5.3% | 10.43 | -39.5% | 2 | 4 | -50.7% |
| EAST/WEST FUEL OIL SPREAD | 30 | 50.55 | -41.4% | 23.96 | 23.7% | 26 | 61 | -57.6% |
| TENNESSEE 500 LEG BASIS S | 0 | 0 | - | 5.22 | -100.0% | 10 | 0 | - |
| NORTHERN NATURAL GAS DEMAR | 131 | 0 | - | 98.13 | 33.0% | 27 | 0 | - |
| HOUSTON SHIP CHANNEL INDE | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| CARBON EUA EMISSIONS EURO | 211 | 0 | - | 0 | - | 19 | 2 | 689.8% |
| APPALACHIAN COAL (PHY) | 15 | 132.6 | -88.5% | 22.43 | -32.0% | 82 | 336 | -75.6% |
| WTI CALENDAR | 1,754 | 1,377.35 | 27.3% | 2,178.22 | -19.5% | 1,616 | 1,658 | -2.6% |
| CINERGY HUB PEAK MONTH | 0 | 0 | - | 1.04 | -100.0% | 2 | 5 | -47.3% |
| CHICAGO ULSD (PLATTS) SWA | 0 | 0 | - | 1.7 | -100.0% | 0 | 0 | 442.1% |
| RBOB CALENDAR SWAP | 389 | 217.25 | 79.2% | 260.91 | 49.2% | 402 | 380 | 5.8% |
| AEP-DAYTON HUB MTHLY | 1 | 36.5 | -98.6% | 3.22 | -83.6% | 7 | 24 | -72.2% |
| CRUDE OIL PHY | 642,342 | 528,429.55 | 21.6% | 693,006.91 | -7.3% | 569,690 | 586,074 | -2.8% |
| N ILLINOIS HUB MTHLY | 0 | 18 | -100.0% | 0 | - | 5 | 14 | -66.0% |
| NEW YORK ETHANOL SWAP | 69 | 15.9 | 335.3% | 77.48 | -10.7% | 64 | 43 | 49.2% |
| LA CARB DIESEL (OPIS) | 1 | 4.55 | -69.9% | 0.43 | 214.7% | 0 | 2 | -70.4% |
| GASOIL BULLET SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| RBOB SPREAD (PLATTS) SWAP | 0 | 0 | - | 0 | - | 0 | 3 | -90.1% |
| EURO PROPANE CIF ARA SWA | 20 | 23.85 | -16.1% | 13.09 | 52.8% | 17 | 34 | -49.5% |
| LA CARBOB GASOLINE(OPIS)S | 13 | 3.75 | 250.9% | 19.57 | -32.7% | 30 | 50 | -40.7% |
| OPIS PHYSICAL NATURAL GASOLIN | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MCCLOSKEY ARA ARGS COAL | 7,828 | 4,233.6 | 84.9% | 7,135.13 | 9.7% | 6,318 | 3,927 | 60.9% |
| MCCLOSKEY RCH BAY COAL | 1,731 | 1,102 | 57.1% | 2,331 | -25.7% | 1,611 | 1,105 | 45.8% |
| MGF FUT | 0 | 0 | - | 0 | - | 1 | 0 | 585.1% |
| MNC FUT | 275 | 217.3 | 26.7% | 269.39 | 2.2% | 245 | 133 | 83.9% |
| MGN1 SWAP FUT | 7 | 5 | 46.3% | 7.96 | -8.1% | 4 | 3 | 57.3% |
| UCM FUT | 0 | 3.2 | -100.0% | 0.43 | -100.0% | 3 | 1 | 164.5% |
| MJC FUT | 0 | 0 | - | 2.61 | -100.0% | 2 | 4 | -46.6% |
| HEATING OIL VS ICE GASOIL | 0 | 404.45 | -100.0% | 13.26 | -100.0% | 136 | 328 | -58.5% |
| UP DOWN GC ULSD VS NMX HO | 1,578 | 2,970.65 | -46.9% | 1,467.78 | 7.5% | 1,488 | 2,621 | -43.2% |
| HOUSTON SHIP CHANNEL BASI | 424 | 0 | - | 83.04 | 410.7% | 171 | 7 | 2416.9% |
| FUEL OIL CRACK VS ICE | 204 | 559.95 | -63.5% | 237.52 | -14.0% | 202 | 762 | -73.5% |
| NGPL TEXOK INDEX | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NATURAL GAS | 3,764 | 1,224.9 | 207.3% | 3,167.7 | 18.8% | 2,633 | 862 | 205.6% |
| N ROCKIES PIPE SWAP | 0 | 0 | - | 3.91 | -100.0% | 15 | 1 | 1308.2% |
| SOCAL PIPE SWAP | 3 | 0 | - | 0 | - | 0 | 0 | -36.6% |
| PANHANDLE PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| GAS EURO-BOB OXY NWE BARGES | 1,152 | 1,094 | 5.3% | 833.26 | 38.3% | 1,149 | 987 | 16.4% |
| MONT BELVIEU NATURAL GASOLIN | 677 | 69.65 | 871.5% | 881.39 | -23.2% | 344 | 105 | 227.6% |
| ONTARIO POWER SWAPS | 227 | 962.5 | -76.4% | 460.35 | -50.6% | 1,203 | 931 | 29.2% |
| DAILY PJM | 0 | 0 | - | 0 | - | 47 | 29 | 65.2% |

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|---------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|----------|
| Energy Futures | | | | | | | | |
| BRENT OIL LAST DAY | 95,546 | 41,923.95 | 127.9% | 105,265.04 | -9.2% | 71,886 | 36,567 | 96.6% |
| SINGAPORE GASOIL CALENDAR | 29 | 0 | - | 0 | - | 34 | 0 | 10548.4% |
| GASOIL 0.1 CARGOES CIF NE | 4 | 0 | - | 0 | - | 0 | 0 | 97.2% |
| GC ULSD VS GC JET SPREAD | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| MARS (ARGUS) VS WTI TRD M | 0 | 4.65 | -100.0% | 4.35 | -100.0% | 3 | 6 | -55.1% |
| MARS (ARGUS) VS WTI SWAP | 235 | 169.5 | 38.9% | 106.09 | 121.9% | 185 | 99 | 86.7% |
| SINGAPORE JET KERO BALMO | 0 | 5 | -100.0% | 0 | - | 1 | 4 | -71.2% |
| WTS (ARGUS) VS WTI TRD MT | 156 | 45 | 246.4% | 97.17 | 60.4% | 50 | 44 | 14.1% |
| DUBAI CRUDE OIL BALMO | 0 | 0 | - | 0 | - | 1 | 1 | 38.0% |
| EURO 1% FUEL OIL NEW BALM | 1 | 2 | -73.7% | 0.65 | -19.3% | 1 | 3 | -54.4% |
| BRENT CFD SWAP | 0 | 0 | - | 0 | - | 26 | 6 | 377.1% |
| PREMIUM UNLD 10P FOB MED | 25 | 16.2 | 56.6% | 15.52 | 63.4% | 20 | 21 | -5.0% |
| GASOIL 0.1 CRG CIF NW VS | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| 3.5% FUEL OIL CID MED SWA | 3 | 0.15 | 2005.3% | 11.26 | -72.0% | 5 | 1 | 808.1% |
| JET FUEL CRG CIF NEW VS I | 0 | 0.5 | -100.0% | 0 | - | 0 | 0 | 9.5% |
| ARGUS PROPAN FAR EST INDE | 18 | 9.75 | 86.8% | 19.65 | -7.3% | 11 | 13 | -18.7% |
| ULSD 10PPM CIF VS ICE GAS | 0 | 0 | - | 0.87 | -87.9% | 0 | 0 | -42.1% |
| SINGAPORE NAPHTHA BALMO | 0 | 0 | - | 0 | - | 1 | 0 | - |
| NYISO ZONE G 5MW D AH PK | 0 | 588.2 | -100.0% | 0 | - | 53 | 391 | -86.5% |
| GASOIL 0.1 BRGS FOB VS IC | 0 | 0 | - | 0 | - | 0 | 0 | -85.4% |
| NYMEX ULSD VS NYMEX HO | 9 | 0 | - | 14.09 | -36.5% | 4 | 0 | - |
| RBOB VS HEATING OIL SWAP | 63 | 0 | - | 18.48 | 241.8% | 20 | 1 | 1607.4% |
| GULF COAST ULSD CRACK SPR | 36 | 186 | -80.9% | 91.3 | -61.1% | 71 | 144 | -51.0% |
| USGC UNL 87 CRACK SPREAD | 5 | 45 | -88.3% | 15.22 | -65.4% | 21 | 27 | -22.5% |
| JET FUEL BRG FOB RDM VS I | 0 | 0 | - | 0 | - | 0 | 0 | -69.6% |
| TENNESSEE 800 LEG NG BASI | 0 | 0 | - | 55.83 | -100.0% | 11 | 26 | -56.4% |
| NEPOOL W CNTR M 5MW D AH | 0 | 0 | - | 0 | - | 2 | 9 | -75.9% |
| DATED TO FRONTLINE BRENT | 43 | 81 | -46.7% | 31.3 | 37.9% | 64 | 112 | -42.6% |
| PJM APS ZONE DA PEAK | 0 | 0 | - | 0 | - | 0 | 9 | -100.0% |
| PJM DPL DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM BGE DA PEAK | 0 | 0 | - | 0 | - | 0 | 7 | -100.0% |
| PJM PPL DA PEAK | 0 | 0 | - | 0 | - | 0 | 14 | -100.0% |
| PJM EASTERNH DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM JCPL DA PEAK | 0 | 0 | - | 0 | - | 33 | 5 | 558.3% |
| PJM PSEG DA PEAK | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| PJM PSEG DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 19 | -100.0% |
| PJM WESTH RT PEAK | 54 | 786.75 | -93.1% | 499.13 | -89.2% | 946 | 577 | 64.0% |
| ALGONQUIN CITYGATES BASIS | 0 | 137.6 | -100.0% | 4.7 | -100.0% | 34 | 24 | 39.7% |
| MICHCON NG INDEX SWAP | 0 | 0 | - | 0 | - | 0 | 8 | -100.0% |
| JET FUEL CARGOES CIF NEW | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ICE GASOIL BALMO SWAP | 0 | 0 | - | 0 | - | 0 | 0 | 4030.0% |
| ULSD 10PPM CIF MED SWAP | 0 | 0.45 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| POLYETHYLENE FUTURES | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| EUROPE 1% FUEL OIL NWE CA | 20 | 33.9 | -42.2% | 2.17 | 800.6% | 8 | 20 | -60.9% |
| NEW YORK HUB ZONE G PEAK | 0 | 5.95 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| GULF COAST NO.6 FUEL OIL | 2,532 | 3,951.75 | -35.9% | 3,189.65 | -20.6% | 2,580 | 3,149 | -18.1% |
| SINGAPORE FUEL 180CST CAL | 183 | 362.9 | -49.6% | 183.57 | -0.5% | 209 | 392 | -46.8% |
| SINGAPORE FUEL OIL SPREAD | 9 | 48.8 | -81.7% | 8.7 | 2.9% | 20 | 70 | -70.8% |
| NORTHERN ILLINOIS OFF-PEA | 0 | 0 | - | 0 | - | 1 | 11 | -94.7% |

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|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| PJM ATSI ELEC | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SING FUEL | 0 | 0.75 | -100.0% | 0 | - | 0 | 1 | -89.6% |
| EURO-DENOMINATED PETRO PROD | 16 | 1 | 1531.6% | 0 | - | 2 | 0 | 424.7% |
| OPIS PHYSICAL NORMAL BUTANE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DATED BRENT (PLATTS) DAILY SWA | 0 | 0 | - | 0 | - | 18 | 5 | 261.2% |
| GAS EURO-BOB OXY NWE BARGES | 278 | 363.25 | -23.4% | 227.57 | 22.3% | 323 | 396 | -18.2% |
| MINY RBOB GAS | 0 | 0.15 | 75.5% | 0.22 | 21.1% | 0 | 0 | 3.0% |
| RBOB UP-DOWN CALENDAR SWA | 470 | 749.25 | -37.3% | 347.17 | 35.3% | 427 | 427 | 0.0% |
| LA JET FUEL VS NYM NO 2 H | 0 | 0 | - | 0 | - | 7 | 11 | -35.7% |
| ANR OKLAHOMA | 0 | 0 | - | 250.43 | -100.0% | 45 | 11 | 298.5% |
| MICHIGAN BASIS | 19 | 0 | - | 10.57 | 76.8% | 13 | 12 | 12.2% |
| TEXAS EASTERN ZONE M-3 BA | 23 | 308.4 | -92.7% | 302.35 | -92.5% | 181 | 92 | 96.8% |
| PGE&E CITYGATE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NORTHERN NATURAL GAS VENTU | 263 | 0 | - | 38.57 | 582.0% | 31 | 7 | 345.5% |
| CIG BASIS | 114 | 1.55 | 7275.2% | 164.57 | -30.5% | 39 | 19 | 102.0% |
| PJM DAILY | 0 | 0 | - | 0 | - | 1 | 1 | 13.9% |
| COLUMBIA GULF ONSHORE | 0 | 0 | - | 0 | - | 75 | 0 | - |
| Tetco STX Basis | 0 | 0 | - | 0 | - | 0 | 0 | -29.2% |
| Transco Zone 3 Basis | 0 | 200.75 | -100.0% | 18.61 | -100.0% | 20 | 29 | -31.2% |
| GULF COAST GASOLINE CLNDR | 2 | 0 | - | 0 | - | 6 | 5 | 13.1% |
| CENTERPOINT EAST INDEX | 13 | 0 | - | 0 | - | 1 | 0 | - |
| GULF COAST ULSD CALENDAR | 28 | 75.75 | -63.4% | 62 | -55.3% | 52 | 40 | 31.4% |
| GASOLINE UP-DOWN (ARGUS) | 0 | 0 | - | 0 | - | 0 | 7 | -93.6% |
| JET UP-DOWN(ARGUS) SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| LA CARB DIESEL (OPIS) SWA | 11 | 13.75 | -20.0% | 18.91 | -41.8% | 49 | 62 | -21.0% |
| EURO 3.5% FUEL OIL RDAM B | 15 | 19.65 | -25.3% | 24.91 | -41.1% | 16 | 23 | -31.9% |
| LLS (ARGUS) CALENDAR SWAP | 0 | 0 | - | 0 | - | 0 | 22 | -100.0% |
| SINGAPORE GASOIL BALMO | 13 | 32.5 | -61.1% | 14.13 | -10.6% | 39 | 28 | 38.2% |
| EUROPEAN NAPHTHA BALMO | 9 | 5.75 | 59.3% | 9.57 | -4.3% | 12 | 11 | 10.2% |
| GASOIL MINI CALENDAR SWAP | 16 | 4.2 | 274.7% | 95.65 | -83.5% | 26 | 7 | 285.0% |
| NY JET FUEL (ARGUS) VS HEATING | 0 | 0 | - | 0 | - | 1 | 0 | 256.1% |
| MISO 5MW PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY ULSD (ARGUS) VS HEATING OIL | 136 | 15.4 | 781.4% | 292.04 | -53.5% | 108 | 82 | 32.9% |
| MISO 5MW OFF PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM PECO ZONE5MW PEAK CAL MO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE 1% FUEL OIL RDAM C | 1 | 8.45 | -93.8% | 1.13 | -53.4% | 1 | 3 | -58.1% |
| SAN JUAN BASIS SWAP | 41 | 0 | - | 21.22 | 92.0% | 10 | 5 | 86.6% |
| SOCAL BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GULF COAST JET VS NYM 2 H | 609 | 1,407.75 | -56.7% | 768.17 | -20.7% | 1,099 | 1,976 | -44.4% |
| LOS ANGELES CARB GASOLINE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY HARBOR RESIDUAL FUEL C | 3 | 0 | - | 13.04 | -79.8% | 2 | 5 | -57.5% |
| NYMEX ALUMINUM FUTURES | 0 | 0 | - | 0 | - | 0 | 0 | 17.4% |
| MICHIGAN HUB OFF-PEAK MON | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EURO 3.5% FUEL OIL SPREAD | 65 | 34.4 | 89.4% | 38.35 | 69.9% | 32 | 11 | 175.2% |
| GASOIL CALENDAR SWAP | 0 | 4.3 | -96.3% | 0 | - | 2 | 7 | -69.7% |
| BRENT FINANCIAL FUTURES | 479 | 452.65 | 5.8% | 504.43 | -5.1% | 286 | 949 | -69.9% |
| ICE BRENT DUBAI SWAP | 0 | 96 | -100.0% | 0 | - | 17 | 66 | -74.6% |
| GASOIL CRACK SPREAD CALEN | 16 | 586.5 | -97.3% | 27.61 | -42.8% | 122 | 382 | -68.0% |
| EUROPEAN NAPHTHA CRACK SPR | 230 | 518.9 | -55.7% | 502.17 | -54.2% | 450 | 405 | 11.2% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| CRUDE OIL | 573 | 714.85 | -19.8% | 815 | -29.7% | 456 | 1,216 | -62.5% |
| NEPOOL INTR HUB 5MW D AH | 5,918 | 922 | 541.9% | 604.57 | 878.9% | 1,558 | 1,781 | -12.5% |
| NEPOOL SE MASS 5MW D AH P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM DAYTON DA OFF-PEAK | 0 | 204 | -100.0% | 0 | - | 2,457 | 980 | 150.8% |
| PJM JCPL DA OFF-PEAK | 0 | 0 | - | 0 | - | 611 | 93 | 557.8% |
| PJM WESTH RT OFF-PEAK | 0 | 15,834.05 | -100.0% | 4,071.3 | -100.0% | 15,677 | 12,297 | 27.5% |
| CHICAGO ETHANOL SWAP | 3,565 | 3,926.8 | -9.2% | 4,159.74 | -14.3% | 4,784 | 3,134 | 52.6% |
| CHICAGO BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| HENRY HUB BASIS SWAP | 1,351 | 179.8 | 651.5% | 768.87 | 75.7% | 607 | 460 | 32.0% |
| HENRY HUB SWAP | 24,965 | 32,151.8 | -22.4% | 22,833.83 | 9.3% | 24,735 | 45,476 | -45.6% |
| PREM UNL GAS 10PPM RDAM FOB B | 0 | 0.5 | -5.3% | 0.22 | 117.9% | 0 | 0 | -44.0% |
| PREM UNL GAS 10PPM RDAM FOB S | 1 | 0 | - | 2.35 | -70.9% | 1 | 2 | -50.9% |
| MONT BELVIEU NORMAL BUTANE 5 | 1,083 | 328.95 | 229.2% | 1,052.39 | 2.9% | 671 | 368 | 82.5% |
| MONT BELVIEU ETHANE 5 DECIMAL | 498 | 33.8 | 1372.0% | 241.91 | 105.7% | 171 | 74 | 132.3% |
| MONT BELVIEU LDH PROPANE 5 DE | 2,730 | 247.55 | 1002.7% | 3,508.13 | -22.2% | 1,481 | 457 | 224.5% |
| SINGAPORE 180CST BALMO | 2 | 9.1 | -82.6% | 2.22 | -28.8% | 3 | 7 | -53.1% |
| PJM APS ZONE DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 167 | -100.0% |
| GRP THREE UNL GS (PLT) VS | 8 | 0 | - | 73.04 | -88.5% | 72 | 13 | 455.3% |
| JET BARGES VS ICE GASOIL | 0 | 0 | - | 0.43 | -100.0% | 0 | 0 | -77.8% |
| SINGAPORE GASOIL VS ICE | 61 | 81.95 | -26.1% | 44.57 | 35.8% | 176 | 210 | -16.1% |
| NATURAL GAS PEN SWP | 14,409 | 18,777.05 | -23.3% | 10,732.26 | 34.3% | 17,989 | 25,471 | -29.4% |
| WESTERN RAIL DELIVERY PRB | 203 | 359 | -43.5% | 138.26 | 46.7% | 145 | 297 | -51.1% |
| EUROPE DATED BRENT SWAP | 86 | 145.9 | -41.4% | 83.22 | 2.8% | 126 | 53 | 138.9% |
| TD5 WEST AFRICA TO USAC 1 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE JET KERO GASOIL | 41 | 23 | 77.3% | 26.09 | 56.4% | 73 | 111 | -34.1% |
| TETCO M-3 INDEX | 0 | 0 | - | 0 | - | 33 | 0 | - |
| PJM AECO DA PEAK | 0 | 0 | - | 0 | - | 30 | 15 | 97.5% |
| GASOIL 10PPM CARGOES CIF | 0 | 0.25 | -100.0% | 0 | - | 0 | 0 | -63.5% |
| PREMIUM UNLD 10PPM CARGOE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| WAHA BASIS | 262 | 0 | - | 52.04 | 403.9% | 90 | 15 | 514.2% |
| LA JET (OPIS) SWAP | 4 | 55 | -92.8% | 2.17 | 81.6% | 30 | 44 | -30.7% |
| NY HARBOR 1% FUEL OIL BAL | 0 | 6.25 | -100.0% | 0 | - | 4 | 18 | -77.8% |
| GASOIL 10PPM VS ICE SWAP | 1 | 9.9 | -86.7% | 3.74 | -64.8% | 4 | 12 | -63.0% |
| NY H OIL PLATTS VS NYMEX | 58 | 41.5 | 40.0% | 28.87 | 101.3% | 24 | 37 | -35.1% |
| PJM PEPCO DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE G 5MW D AH O P | 0 | 7,360.05 | -100.0% | 0 | - | 498 | 4,513 | -89.0% |
| EUROPEAN GASOIL (ICE) | 88 | 0 | - | 65.22 | 34.8% | 14 | 232 | -94.1% |
| ULSD UP-DOWN BALMO SWP | 44 | 72.25 | -38.6% | 83.48 | -46.9% | 74 | 121 | -38.8% |
| JET FUEL UP-DOWN BALMO CL | 12 | 36.25 | -67.3% | 112.91 | -89.5% | 128 | 56 | 126.9% |
| EIA FLAT TAX ONHWAY DIESE | 7 | 52.6 | -87.1% | 42.7 | -84.1% | 37 | 29 | 28.0% |
| NY 2.2% FUEL OIL (PLATTS | 3 | 0 | - | 0 | - | 4 | 0 | - |
| BRENT CFD(PLATTS) VS FRNT | 0 | 0 | - | 0 | - | 1 | 1 | -34.7% |
| RBOB CRACK SPREAD BALMO S | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| HEATING OIL BALMO CLNDR S | 0 | 0 | - | 3.26 | -100.0% | 2 | 3 | -15.4% |
| INDIANA MISO | 12 | 16.05 | -24.2% | 2,057.91 | -99.4% | 723 | 677 | 6.7% |
| PETROLEUM PRODUCTS ASIA | 83 | 211.5 | -61.0% | 60.65 | 36.2% | 87 | 99 | -12.2% |
| PETROLEUM PRODUCTS | 23 | 57.85 | -60.8% | 3.65 | 521.1% | 16 | 17 | -7.9% |
| COAL SWAP | 50 | 80.75 | -38.1% | 128.09 | -61.0% | 121 | 42 | 190.5% |
| TC2 ROTTERDAM TO USAC 37K | 0 | 0 | - | 0 | - | 1 | 3 | -62.5% |

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|---------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| NYISO A OFF-PEAK | 4 | 4 | -7.9% | 9.13 | -59.6% | 11 | 21 | -49.1% |
| NYISO G OFF-PEAK | 5 | 27.9 | -83.0% | 1.74 | 172.4% | 2 | 37 | -93.6% |
| ISO NEW ENGLAND OFF-PEAK | 0 | 31 | -100.0% | 0 | - | 5 | 26 | -82.1% |
| SINGAPORE 380CST FUEL OIL | 172 | 265.7 | -35.3% | 130.65 | 31.6% | 153 | 185 | -17.5% |
| SINGAPORE JET KEROSENE SW | 186 | 230.9 | -19.6% | 166 | 11.9% | 219 | 295 | -25.7% |
| SINGAPORE NAPHTHA SWAP | 0 | 30.9 | -100.0% | 7.61 | -100.0% | 7 | 11 | -33.4% |
| FLORIDA GAS ZONE3 BASIS S | 0 | 0 | - | 0 | - | 8 | 0 | - |
| TRANSCO ZONE4 BASIS SWAP | 94 | 0 | - | 31.83 | 194.4% | 48 | 15 | 210.8% |
| ANR LOUISIANA BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| TEXAS GAS ZONE SL BASIS S | 0 | 0 | - | 0 | - | 0 | 7 | -100.0% |
| CINERGY HUB OFF-PEAK MONT | 0 | 2 | -100.0% | 1.04 | -100.0% | 2 | 7 | -76.2% |
| DUBAI CRUDE OIL CALENDAR | 145 | 36.2 | 299.8% | 68 | 112.8% | 96 | 90 | 6.8% |
| NGPL MIDCONTINENT INDEX | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| PANHANDLE BASIS SWAP FUTU | 346 | 38.9 | 788.9% | 558.65 | -38.1% | 158 | 89 | 77.6% |
| SONAT BASIS SWAP FUTURE | 13 | 0 | - | 90.61 | -85.6% | 25 | 0 | - |
| ARGUS BIODIESEL RME FOB R | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DIESEL 10P BRG FOB RDM VS | 0 | 0 | - | 0.22 | 21.1% | 0 | 1 | -80.2% |
| FUEL OIL NWE CRACK VS ICE | 0 | 26.3 | -100.0% | 1.74 | -100.0% | 8 | 47 | -82.1% |
| EUROPE 3.5% FUEL OIL RDAM | 447 | 487.5 | -8.4% | 503.3 | -11.2% | 379 | 413 | -8.1% |
| GULF COAST 3% FUEL OIL BA | 108 | 109.45 | -1.8% | 95.04 | 13.1% | 62 | 80 | -23.0% |
| NY1% VS GC SPREAD SWAP | 107 | 216.95 | -50.6% | 113.48 | -5.6% | 215 | 309 | -30.4% |
| GASOIL 0.1 CIF NWE VS ISE | 0 | 0 | - | 0 | - | 0 | 1 | -70.7% |
| JET CIF NWE VS ICE | 6 | 11.8 | -48.3% | 13 | -53.0% | 6 | 10 | -34.1% |
| EUROPE JET KERO NWE CALSW | 0 | 2.4 | -100.0% | 0 | - | 1 | 2 | -74.7% |
| JAPAN NAPHTHA BALMO SWAP | 0 | 7.85 | -94.0% | 3.96 | -88.0% | 3 | 4 | -10.8% |
| ARGUS PROPAN(SAUDI ARAMCO | 53 | 39.2 | 34.3% | 61.96 | -15.1% | 41 | 45 | -8.8% |
| NYISO G | 2 | 39.45 | -94.5% | 9.04 | -76.1% | 6 | 38 | -85.4% |
| NYISO J | 83 | 42.6 | 94.3% | 23.96 | 245.6% | 22 | 24 | -7.0% |
| NGPL MID-CONTINENT | 49 | 9 | 448.5% | 41.17 | 19.9% | 15 | 22 | -30.2% |
| TENNESSEE 500 LEG NG INDE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| BRENT BALMO SWAP | 6 | 18.1 | -66.0% | 9.13 | -32.6% | 14 | 18 | -24.2% |
| TRANSCO ZONE 1 NAT GAS IN | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ULSD 10PPM CIF MED BALMO | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| HENRY HUB SWING FUTURE | 13 | 0 | - | 0 | - | 5 | 5 | -4.5% |
| EUROPE NAPHTHA CALSWAP | 75 | 72.7 | 3.2% | 70.04 | 7.2% | 87 | 119 | -27.5% |
| NY HARBOR RESIDUAL FUEL 1 | 225 | 305.45 | -26.3% | 261.83 | -14.0% | 303 | 565 | -46.4% |
| PERMIAN BASIS SWAP | 224 | 0 | - | 44.65 | 402.4% | 49 | 5 | 821.2% |
| JAPAN C&F NAPHTHA CRACK S | 11 | 0 | - | 1.57 | 599.4% | 5 | 1 | 396.7% |
| EMMISSIONS | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| NATURAL GAS INDEX | 0 | 18.6 | -100.0% | 0 | - | 3 | 3 | -11.9% |
| EMC FUTURE | 0 | 22.5 | -100.0% | 0 | - | 0 | 37 | -100.0% |
| PETRO CRCKS & SPRDS ASIA | 0 | 19.55 | -100.0% | 22.26 | -100.0% | 8 | 39 | -78.0% |
| NYISO CAPACITY | 2 | 10.6 | -85.1% | 36.52 | -95.7% | 12 | 6 | 118.8% |
| GASOIL 0.1 ROTTERDAM BARG | 4 | 0 | - | 0 | - | 0 | 0 | 93.3% |
| GASOIL 0.1 CIF VS ICE GAS | 0 | 0 | - | 0.22 | -100.0% | 0 | 0 | -57.9% |
| GRP THREE ULSD(PLT)VS HEA | 201 | 125.9 | 59.4% | 279 | -28.1% | 243 | 221 | 9.6% |
| GASOIL 0.1CIF MED VS ICE | 0 | 0.25 | -100.0% | 0.65 | -100.0% | 1 | 3 | -54.5% |
| PJM DPL DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM AECO DA OFF-PEAK | 0 | 0 | - | 0 | - | 550 | 279 | 97.0% |

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|----------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| PJM PPL DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 222 | -100.0% |
| PJM DAYTON DA PEAK | 0 | 5.25 | -100.0% | 26.39 | -100.0% | 140 | 68 | 107.2% |
| PREMIUM UNLEAD 10PPM FOB | 3 | 9.05 | -64.5% | 8.26 | -61.1% | 5 | 8 | -32.8% |
| PJM WESTH DA OFF-PEAK | 0 | 4,682 | -100.0% | 0 | - | 5,398 | 3,008 | 79.4% |
| NEW YORK 0.3% FUEL OIL HI | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| PJM PEPCO DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GASOIL 0.1 RDAM BRGS VS I | 3 | 5.25 | -34.8% | 0 | - | 3 | 14 | -75.8% |
| GASOIL 10P CRG CIF NW VS | 0 | 0.75 | -64.9% | 0.65 | -59.6% | 0 | 0 | -28.3% |
| PJM WESTHDA PEAK | 0 | 127.5 | -100.0% | 0 | - | 307 | 135 | 128.2% |
| NEPOOL MAINE 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| NEPOOL RHODE IL 5MW D AH | 5,613 | 2,321.5 | 141.8% | 0 | - | 1,527 | 277 | 451.2% |
| CHICAGO UNL GAS PL VS RBO | 0 | 2.5 | -100.0% | 0 | - | 1 | 5 | -78.6% |
| NEPOOL MAINE 5MW D AH O E | 0 | 0 | - | 0 | - | 16 | 11 | 46.6% |
| NYISO ZONE A 5MW D AH O P | 0 | 7,016 | -100.0% | 511.3 | -100.0% | 1,172 | 5,340 | -78.0% |
| CIN HUB 5MW D AH O PK | 0 | 2,479.2 | -100.0% | 0 | - | 1,948 | 1,316 | 48.0% |
| PJM COMED 5MW D AH O PK | 0 | 0 | - | 0 | - | 107 | 490 | -78.1% |
| TRANSCO ZONE 1 NG BASIS | 0 | 0 | - | 0 | - | 1 | 0 | - |
| PJM DUQUESNE 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE A 5MW D AH PK | 67 | 574.5 | -88.3% | 55.65 | 20.6% | 68 | 470 | -85.6% |
| SOUTH STAR TEX OKLHM KNS | 0 | 0 | - | 0 | - | 3 | 9 | -64.9% |
| NY 3.0% FUEL OIL (PLATTS) | 11 | 22 | -52.2% | 5.65 | 86.2% | 10 | 14 | -25.9% |
| ARGUS LLS VS. WTI (ARG) T | 66 | 226.35 | -70.6% | 147.91 | -55.1% | 276 | 370 | -25.3% |
| NO 2 UP-DOWN SPREAD CALEN | 4 | 26.25 | -85.0% | 29.35 | -86.5% | 9 | 51 | -82.4% |
| N ILLINOIS HUB DAILY | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| PROPANE NON-LDH MT. BEL (OPIS) | 158 | 33.3 | 373.4% | 181.39 | -13.1% | 79 | 27 | 190.0% |
| PROPANE NON-LDH MB (OPIS) BAL | 0 | 3 | -100.0% | 8.7 | -100.0% | 2 | 3 | -49.0% |
| JET AV FUEL (P) CAR FM ICE GAS S | 3 | 2.55 | 5.3% | 3.22 | -16.6% | 1 | 1 | 117.6% |
| SINGAPORE MOGAS 92 UNLEADED | 696 | 1,083.45 | -35.8% | 1,249.17 | -44.3% | 722 | 544 | 32.8% |
| NY JET FUEL (PLATTS) HEAT OIL SV | 68 | 36.25 | 88.7% | 70.22 | -2.6% | 134 | 46 | 192.2% |
| SINGAPORE MOGAS 92 UNLEADED | 55 | 15 | 268.4% | 17.39 | 217.8% | 28 | 29 | -3.4% |
| ETHANOL T2 FOB ROTT INCL DUTY | 82 | 106.8 | -23.1% | 22.43 | 266.0% | 88 | 78 | 13.8% |
| PJM WES HUB PEAK LMP 50 M | 0 | 0 | - | 0 | - | 1 | 0 | - |
| FAME 0 BIODIESEL FOB RTDM SWP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| FUEL OIL (PLATS) CAR CM | 9 | 0 | - | 0 | - | 1 | 1 | 4.9% |
| FUEL OIL (PLATS) CAR CN | 1 | 1.1 | -52.2% | 1.13 | -53.4% | 1 | 1 | -18.5% |
| GROUP THREE ULSD (PLATTS) | 3 | 0 | - | 0 | - | 2 | 1 | 182.4% |
| MICHIGAN MISO | 0 | 1,237.35 | -100.0% | 0 | - | 1,405 | 436 | 222.5% |
| INDONESIAN COAL | 33 | 60.25 | -45.8% | 66.52 | -50.9% | 61 | 29 | 114.5% |
| DAILY EUA | 0 | 0 | - | 0 | - | 0 | 10 | -100.0% |
| ETHANOL FWD | 55 | 47.4 | 16.6% | 34.61 | 59.7% | 67 | 176 | -62.3% |
| EURO 3.5% FUEL OIL M CRK | 0 | 0 | - | 0 | - | 1 | 0 | - |
| TRANSCO ZONE 6 INDEX | 2 | 0 | - | 0 | - | 4 | 0 | 716.9% |
| CRUDE OIL TRADE AT MARKER SIN | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY HARBOR LOW SULPUR GASOIL 1 | 0 | 0 | - | 0 | - | 1 | 0 | - |
| NY HARBOR LOW SULPUR GAS 100C | 27 | 0 | - | 29.35 | -8.5% | 29 | 0 | - |
| DIESEL 10PPM BARG VS ICE LS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EU LOW SULPHUR GASOIL CRACK | 47 | 0 | - | 124.96 | -62.1% | 31 | 0 | - |
| NAT GAS BASIS SWAP | 0 | 213.5 | -100.0% | 113.91 | -100.0% | 33 | 36 | -6.3% |
| ULSD 10PPM CIF NW BALMO S | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |

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|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| DIESEL 10PPM BARGES FOB B | 0 | 0 | - | 0 | - | 0 | 0 | -78.3% |
| TCO NG INDEX SWAP | 0 | 0 | - | 0 | - | 16 | 0 | - |
| CANADIAN LIGHT SWEET OIL | 2 | 0 | - | 3.26 | -51.6% | 10 | 0 | 5377.4% |
| MINI RBOB V. EBOBARG NWE BRGS | 9 | 0 | - | 18.7 | -52.1% | 27 | 0 | 7144.0% |
| MINI GAS EUROBOB OXY NWE ARG | 30 | 0 | - | 23.13 | 27.7% | 29 | 1 | 2077.0% |
| MINI RBOB V. EBOB(ARGUS) NWE B | 24 | 1.5 | 1500.0% | 24.13 | -0.5% | 22 | 1 | 4198.1% |
| 3.5% FUEL OIL CIF BALMO S | 1 | 0.1 | 426.3% | 0.04 | 1109.9% | 0 | 0 | 5403.8% |
| ELECTRICITY ERCOT PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CRUDE OIL LAST DAY | 0 | 6 | -100.0% | 0 | - | 0 | 0 | -24.2% |
| DEMARC INDEX FUTURE | 36 | 0 | - | 0 | - | 3 | 0 | - |
| Energy Options | | | | | | | | |
| PETRO OUTRIGHT EURO | 41 | 10.95 | 272.5% | 1.74 | 2245.4% | 5 | 11 | -52.4% |
| PETROCHEMICALS | 128 | 168 | -24.0% | 82.43 | 54.8% | 137 | 184 | -25.6% |
| IN DELIVERY MONTH EUA OPTIONS | 0 | 0 | - | 0 | - | 0 | 12 | -100.0% |
| ISO NEW ENGLAND PK LMP | 0 | 21 | -100.0% | 0 | - | 0 | 9 | -100.0% |
| NATURAL GAS OPTION ON CALEND | 49 | 23 | 115.1% | 95.65 | -48.3% | 59 | 74 | -19.6% |
| ELEC MISO PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HENRY HUB FINANCIAL LAST | 443 | 75.45 | 487.4% | 276.17 | 60.5% | 259 | 256 | 1.2% |
| PETRO OUTRIGHT NA | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NATURAL GAS PHY | 111,575 | 94,958.3 | 17.5% | 79,138.96 | 41.0% | 98,363 | 98,404 | 0.0% |
| CRUDE OIL OUTRIGHTS | 142 | 54.4 | 161.2% | 0 | - | 27 | 60 | -55.5% |
| ELECTRICITY OFF PEAK | 0 | 0 | - | 0 | - | 20 | 0 | - |
| ELEC FINSETTLED | 1 | 5.9 | -75.0% | 3.04 | -51.6% | 6 | 12 | -48.6% |
| APPALACHIAN COAL | 0 | 0 | - | 1.09 | -100.0% | 4 | 4 | -7.4% |
| EUROPEAN JET KEROSENE NWE (P | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| NATURAL GAS 1MO | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| HEATING OIL PHY | 3,286 | 2,796.15 | 17.5% | 3,106.83 | 5.8% | 3,185 | 2,277 | 39.9% |
| PJM MONTHLY | 0 | 0 | - | 0 | - | 0 | 10 | -98.3% |
| NY HARBOR HEAT OIL SWP | 789 | 1,097.25 | -28.1% | 1,514.7 | -47.9% | 1,088 | 875 | 24.4% |
| BRENT CALENDAR SWAP | 830 | 1,436.1 | -42.2% | 1,066.7 | -22.2% | 1,634 | 1,390 | 17.6% |
| NATURAL GAS 3 M CSO FIN | 34 | 727.5 | -95.3% | 17.39 | 96.7% | 291 | 1,042 | -72.1% |
| RBOB PHY | 1,535 | 2,297.1 | -33.2% | 1,715.87 | -10.6% | 1,612 | 2,092 | -22.9% |
| PGE CITYGATE PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SAN JUAN PIPE SWAP | 0 | 0 | - | 15.65 | -100.0% | 14 | 14 | 1.3% |
| NATURAL GAS 2 M CSO FIN | 74 | 0 | - | 0 | - | 7 | 13 | -48.4% |
| SINGAPORE JET FUEL CALEND | 0 | 16.5 | -100.0% | 13.04 | -100.0% | 13 | 70 | -82.1% |
| WTI-BRENT BULLET SWAP | 1,357 | 4,088.85 | -66.8% | 2,447.04 | -44.6% | 2,388 | 2,779 | -14.0% |
| BRENT 1 MONTH CAL | 0 | 0 | - | 0 | - | 1 | 2 | -61.3% |
| WTI 12 MONTH CALENDAR OPT | 1,059 | 35 | 2926.3% | 963.04 | 10.0% | 383 | 60 | 537.4% |
| CRUDE OIL APO | 4,409 | 2,315.15 | 90.5% | 5,142.3 | -14.3% | 3,502 | 2,948 | 18.8% |
| CINERGY HUB PEAK MONTH | 0 | 0 | - | 0 | - | 0 | 8 | -100.0% |
| WTI CRUDE OIL 1 M CSO FI | 19,107 | 265 | 7110.0% | 6,034.78 | 216.6% | 5,750 | 3,280 | 75.3% |
| NATURAL GAS 6 M CSO FIN | 155 | 696.25 | -77.7% | 65.22 | 138.1% | 178 | 377 | -52.8% |
| RBOB CALENDAR SWAP | 17 | 374.85 | -95.5% | 147.39 | -88.5% | 428 | 347 | 23.4% |
| RBOB 6 MONTH CALENDAR SPR | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| CRUDE OIL PHY | 158,824 | 103,827.7 | 53.0% | 187,905.26 | -15.5% | 119,688 | 125,760 | -4.8% |
| RBOB 1MO CAL SPD OPTIONS | 0 | 0 | - | 0 | - | 11 | 24 | -52.4% |

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| | ADV NOV 2014 | ADV NOV 2013 | % CHG | ADV OCT 2014 | % CHG | ADV Y.T.D 2014 | ADV Y.T.D 2013 | % CHG |
|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Options | | | | | | | | |
| N ILLINOIS HUB MTHLY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MCCLOSKEY ARA ARGS COAL | 126 | 225 | -43.9% | 117.39 | 7.6% | 115 | 43 | 167.9% |
| MCCLOSKEY RCH BAY COAL | 126 | 30 | 321.1% | 0 | - | 18 | 11 | 66.2% |
| NATURAL GAS WINTER STRIP | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| N ROCKIES PIPE SWAP | 0 | 0 | - | 49.74 | -100.0% | 65 | 19 | 242.8% |
| SOCAL PIPE SWAP | 11 | 0 | - | 126.96 | -91.7% | 14 | 1 | 1039.5% |
| PANHANDLE PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| ETHANOL SWAP | 391 | 113.95 | 243.5% | 463.17 | -15.5% | 488 | 289 | 69.2% |
| SHORT TERM NATURAL GAS | 153 | 163.75 | -6.8% | 155.43 | -1.8% | 86 | 213 | -59.7% |
| BRENT OIL LAST DAY | 1,112 | 1,127 | -1.4% | 1,484.83 | -25.1% | 1,355 | 1,584 | -14.4% |
| SINGAPORE GASOIL CALENDAR | 0 | 0 | - | 0 | - | 1 | 1 | -17.8% |
| SINGAPORE FUEL OIL 180 CS | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| DAILY CRUDE OIL | 242 | 0 | - | 347.83 | -30.4% | 156 | 58 | 169.4% |
| EURO-DENOMINATED PETRO PROD | 0 | 18 | -100.0% | 1.74 | -100.0% | 3 | 3 | 22.4% |
| HEATING OIL CRK SPD AVG PRICE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GASOIL CRACK SPREAD AVG PRICE | 0 | 0 | - | 0 | - | 4 | 7 | -50.0% |
| RBOB CRACK SPREAD AVG PRICE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HO 1 MONTH CLNDR OPTIONS | 0 | 0 | - | 79.35 | -100.0% | 90 | 51 | 75.8% |
| CRUDE OIL 1MO | 11,833 | 7,767.5 | 52.3% | 7,656.22 | 54.6% | 8,511 | 9,053 | -6.0% |
| ROTTERDAM 3.5%FUEL OIL CL | 17 | 55.35 | -70.0% | 22.39 | -26.0% | 20 | 55 | -64.3% |
| NATURAL GAS SUMMER STRIP | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| CRUDE OIL CALNDR STRIP | 0 | 2.5 | -100.0% | 2.61 | -100.0% | 0 | 0 | 31.5% |
| PJM CALENDAR STRIP | 33 | 122 | -72.8% | 31.74 | 4.5% | 37 | 63 | -41.0% |
| SHORT TERM | 91 | 75 | 21.1% | 40.22 | 125.7% | 58 | 108 | -46.7% |
| COAL SWAP | 42 | 0 | - | 17.39 | 139.1% | 13 | 18 | -26.5% |
| WTI 6 MONTH CALENDAR OPTI | 0 | 0 | - | 0 | - | 39 | 8 | 382.7% |
| NATURAL GAS 5 M CSO FIN | 24 | 50 | -52.6% | 0 | - | 3 | 20 | -86.9% |
| NYMEX EUROPEAN GASOIL APO | 0 | 2 | -100.0% | 1.48 | -100.0% | 1 | 4 | -84.0% |
| COAL API2 INDEX | 69 | 0 | - | 76.52 | -9.6% | 34 | 3 | 1209.0% |
| COAL API4 INDEX | 5 | 0 | - | 26.3 | -80.0% | 5 | 0 | 1609.3% |
| NATURAL GAS 1 M CSO FIN | 5,264 | 2,143.75 | 145.6% | 1,036.57 | 407.9% | 3,488 | 3,320 | 5.0% |
| ETHANOL FWD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GASOLINE | 0 | 0 | - | 0 | - | 3 | 0 | - |
| PJM ELECTRIC | 0 | 0 | - | 0 | - | 0 | 0 | - |
| WTI CRUDE OIL 12 M CSO F | 53 | 0 | - | 86.96 | -39.5% | 17 | 0 | - |

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| | ADV NOV 2014 | ADV NOV 2013 | % CHG | ADV OCT 2014 | % CHG | ADV Y.T.D 2014 | ADV Y.T.D 2013 | % CHG |
|---------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Metals Futures | | | | | | | | |
| PALLADIUM | 8,524 | 9,106.65 | -6.4% | 5,030.78 | 69.4% | 6,529 | 5,897 | 10.7% |
| NYMEX IRON ORE FUTURES | 58 | 148.3 | -61.1% | 86.61 | -33.5% | 104 | 89 | 18.0% |
| NYMEX PLATINUM | 11,113 | 9,269 | 19.9% | 11,822.65 | -6.0% | 12,502 | 12,948 | -3.4% |
| NYMEX HOT ROLLED STEEL | 403 | 193.45 | 108.4% | 251.17 | 60.5% | 194 | 213 | -9.0% |
| URANIUM | 10 | 0 | - | 35.7 | -72.6% | 13 | 26 | -48.1% |
| AUSTRIALIAN COKE COAL | 22 | 2.75 | 700.0% | 30.52 | -27.9% | 16 | 1 | 2242.5% |
| COMEX SILVER | 75,530 | 63,513.1 | 18.9% | 44,076.04 | 71.4% | 55,357 | 57,443 | -3.6% |
| COMEX GOLD | 246,144 | 178,853.25 | 37.6% | 161,030.78 | 52.9% | 161,788 | 187,677 | -13.8% |
| COMEX MINY GOLD | 319 | 234.75 | 36.0% | 170.83 | 86.9% | 193 | 386 | -50.0% |
| COMEX COPPER | 76,813 | 72,151.75 | 6.5% | 55,172.65 | 39.2% | 59,406 | 67,966 | -12.6% |
| COMEX MINY COPPER | 58 | 51.45 | 13.1% | 36.52 | 59.4% | 47 | 72 | -34.5% |
| E-MINI SILVER | 0 | 0 | - | 0 | - | 0 | 0 | 33.9% |
| COMEX MINY SILVER | 59 | 45.5 | 29.3% | 52 | 13.2% | 50 | 76 | -34.4% |
| COPPER | 57 | 7.95 | 619.6% | 7.43 | 669.5% | 52 | 7 | 640.4% |
| E-MICRO GOLD | 1,719 | 1,419.6 | 21.1% | 1,049.17 | 63.8% | 1,072 | 1,477 | -27.4% |
| SILVER | 694 | 504.85 | 37.4% | 406.87 | 70.5% | 570 | 226 | 152.4% |
| FERROUS PRODUCTS | 0 | 1.3 | -100.0% | 0 | - | 0 | 7 | -96.4% |
| IRON ORE | 0 | 0 | - | 2.61 | -100.0% | 1 | 0 | 119.1% |
| ALUMINUM | 34 | 0 | - | 24.09 | 41.6% | 24 | 0 | - |
| Aluminium MW Trans Prem Platts | 19 | 0 | - | 14 | 38.0% | 19 | 1 | 3434.4% |
| Metals Options | | | | | | | | |
| IRON ORE CHINA | 145 | 62.5 | 132.4% | 0 | - | 56 | 23 | 140.5% |
| PALLADIUM | 247 | 563.1 | -56.1% | 455.43 | -45.7% | 586 | 532 | 10.1% |
| NYMEX PLATINUM | 420 | 351.4 | 19.6% | 321.3 | 30.8% | 612 | 729 | -16.1% |
| NYMEX HOT ROLLED STEEL | 0 | 0 | - | 0 | - | 0 | 33 | -100.0% |
| COMEX SILVER | 10,484 | 7,728.8 | 35.6% | 7,858.43 | 33.4% | 7,518 | 8,111 | -7.3% |
| SHORT TERM GOLD | 0 | 5 | -100.0% | 0 | - | 0 | 1 | -65.0% |
| COMEX GOLD | 44,345 | 34,264.5 | 29.4% | 41,492.43 | 6.9% | 33,862 | 42,013 | -19.4% |
| COMEX COPPER | 79 | 114.45 | -30.9% | 73.22 | 8.0% | 88 | 144 | -38.5% |
| SHORT TERM | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SILVER | 31 | 0 | - | 32.57 | -5.0% | 19 | 0 | - |
| GOLD | 105 | 0 | - | 132.65 | -20.5% | 92 | 0 | - |
| Foreign Exchange Futures | | | | | | | | |
| CHILEAN PESO | 1 | 0 | - | 0 | - | 0 | 0 | - |
| Ags Futures | | | | | | | | |
| PALM OIL | 6 | 0 | - | 0 | - | 1 | 0 | - |

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|------------------------------------|-------------------|----------------------|--------------|----------------------|---------------|----------------------|----------------------|--------------|
| TOTAL FUTURES GROUP | | | | | | | | |
| Interest Rate Futures | 5,182,817 | 5,000,247.2 | 3.7% | 7,273,903.83 | -28.7% | 5,596,996 | 4,768,511 | 17.4% |
| Equity Index Futures | 1,585,968 | 1,857,090.6 | -14.6% | 3,185,864.83 | -50.2% | 2,224,317 | 2,278,770 | -2.4% |
| Metals Futures | 421,576 | 335,503.65 | 25.7% | 279,300.43 | 50.9% | 297,937 | 334,510 | -10.9% |
| Energy Futures | 1,598,916 | 1,304,907 | 22.5% | 1,463,885.39 | 9.2% | 1,366,606 | 1,417,151 | -3.6% |
| FX Futures | 843,245 | 651,391.3 | 29.5% | 900,698.96 | -6.4% | 721,102 | 825,054 | -12.6% |
| Commodities and Alternative Invest | 1,079,794 | 1,008,408.3 | 7.1% | 968,672.57 | 11.5% | 900,533 | 848,581 | 6.1% |
| Foreign Exchange Futures | 1 | 0 | - | 0 | - | 0 | 0 | - |
| Ags Futures | 6 | 0 | - | 0 | - | 1 | 0 | - |
| TOTAL FUTURES | 10,712,324 | 10,157,548.05 | 5.5% | 14,072,326 | -23.9% | 11,107,491.54 | 10,472,577.56 | 6.1% |
| TOTAL OPTIONS GROUP | | | | | | | | |
| Interest Rate Options | 1,087,960 | 1,016,823.6 | 7.0% | 1,925,593.78 | -43.5% | 1,449,240 | 1,134,587 | 27.7% |
| Equity Index Options | 455,555 | 356,149.25 | 27.9% | 849,098.91 | -46.3% | 509,307 | 363,445 | 40.1% |
| Metals Options | 55,857 | 43,089.75 | 29.6% | 50,366.04 | 10.9% | 42,834 | 51,587 | -17.0% |
| Energy Options | 323,447 | 227,186.2 | 42.4% | 301,579.13 | 7.3% | 253,676 | 257,337 | -1.4% |
| FX Options | 83,549 | 66,524.2 | 25.6% | 82,920.91 | 0.8% | 66,282 | 60,248 | 10.0% |
| Commodities and Alternative Invest | 231,382 | 212,173.65 | 9.1% | 302,289.57 | -23.5% | 236,819 | 206,368 | 14.8% |
| TOTAL OPTIONS | 2,237,750 | 1,921,946.65 | 16.4% | 3,511,848.35 | -36.3% | 2,558,157.62 | 2,073,571.74 | 23.4% |
| TOTAL COMBINED | | | | | | | | |
| Commodities and Alternative Invest | 1,311,177 | 1,220,581.95 | 7.4% | 1,270,962.13 | 3.2% | 1,137,351 | 1,054,949 | 7.8% |
| FX | 926,794 | 717,915.5 | 29.1% | 983,619.87 | -5.8% | 787,384 | 885,302 | -11.1% |
| Equity Index | 2,041,523 | 2,213,239.85 | -7.8% | 4,034,963.74 | -49.4% | 2,733,624 | 2,642,216 | 3.5% |
| Interest Rate | 6,270,777 | 6,017,070.8 | 4.2% | 9,199,497.61 | -31.8% | 7,046,235 | 5,903,098 | 19.4% |
| Energy | 1,922,363 | 1,532,093.2 | 25.5% | 1,765,464.52 | 8.9% | 1,620,283 | 1,674,488 | -3.2% |
| Metals | 477,433 | 378,593.4 | 26.1% | 329,666.48 | 44.8% | 340,771 | 386,096 | -11.7% |
| Foreign Exchange | 1 | 0 | - | 0 | - | 0 | 0 | - |
| Ags | 6 | 0 | - | 0 | - | 1 | 0 | - |
| GRAND TOTAL | 12,950,074 | 12,079,494.7 | 7.2% | 17,584,174.35 | -26.4% | 13,665,649.16 | 12,546,149.29 | 8.9% |

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