

NYMEX/COMEX Exchange Open Interest Report - Monthly

| | Commodity | Open Interest APR 2016 | Open Interest APR 2015 | % CHG | Open Interest MAR 2016 | % CHG |
|---|-----------|---------------------------|---------------------------|----------|---------------------------|---------|
| Commodities and Alternative Investments Futures | | | | | | |
| COCOA TAS | CJ | 33 | 7 | 371.4% | 9 | 266.7% |
| COFFEE | KT | 2 | 4 | -50.0% | 13 | -84.6% |
| COTTON | TT | 13 | 24 | -45.8% | 8 | 62.5% |
| SUGAR 11 | YO | 12 | 31 | -61.3% | 19 | -36.8% |
| Energy Futures | | | | | | |
| CRUDE OIL PHY | CL | 1,762,348 | 1,743,494 | 1.1% | 1,774,422 | -0.7% |
| CRUDE OIL | WS | 5,338 | 13,104 | -59.3% | 5,375 | -0.7% |
| MINY WTI CRUDE OIL | QM | 4,715 | 5,592 | -15.7% | 3,836 | 22.9% |
| BRENT OIL LAST DAY | BZ | 159,379 | 150,982 | 5.6% | 159,648 | -0.2% |
| HEATING OIL PHY | HO | 388,421 | 357,212 | 8.7% | 370,670 | 4.8% |
| HTG OIL | BH | 3,362 | 114 | 2,849.1% | 1,125 | 198.8% |
| MINY HTG OIL | QH | 2 | 2 | 0.0% | 2 | 0.0% |
| RBOB PHY | RB | 387,773 | 376,846 | 2.9% | 399,679 | -3.0% |
| MINY RBOB GAS | QU | 0 | 2 | -100.0% | 0 | - |
| NATURAL GAS | HP | 104,005 | 88,929 | 17.0% | 103,048 | 0.9% |
| LTD NAT GAS | HH | 270,780 | 374,049 | -27.6% | 269,780 | 0.4% |
| MINY NATURAL GAS | QG | 2,765 | 3,577 | -22.7% | 3,228 | -14.3% |
| PJM MONTHLY | JM | 10,748 | 15,436 | -30.4% | 11,600 | -7.3% |
| NATURAL GAS PHY | NG | 1,100,826 | 1,040,457 | 5.8% | 1,092,396 | 0.8% |
| RBOB GAS | RT | 2,561 | 540 | 374.3% | 3,377 | -24.2% |
| 3.5% FUEL OIL CID MED SWA | 7D | 1,117 | 74 | 1,409.5% | 891 | 25.4% |
| 3.5% FUEL OIL CIF BALMO S | 8D | 20 | 8 | 150.0% | 50 | -60.0% |
| AEP-DAYTON HUB DAILY | VD | 282 | 0 | - | 268 | 5.2% |
| AEP-DAYTON HUB MTHLY | VM | 1,541 | 2,670 | -42.3% | 1,622 | -5.0% |
| AEP-DAYTON HUB OFF-PEAK M | VP | 1,275 | 3,282 | -61.2% | 1,378 | -7.5% |
| ALGON CITY GATES NAT GAS | N7 | 1,712 | 0 | - | 0 | - |
| ALGONQUIN CITYGATES BASIS | B4 | 2,259 | 164 | 1,277.4% | 1,800 | 25.5% |
| ANR LOUISIANA BASIS SWAP | ND | 736 | 1,840 | -60.0% | 856 | -14.0% |
| ANR OKLAHOMA | NE | 6,293 | 9,772 | -35.6% | 6,683 | -5.8% |
| APPALACHIAN COAL (PHY) | QL | 60 | 662 | -90.9% | 100 | -40.0% |
| ARGUS LLS VS. WTI (ARG) T | E5 | 12,675 | 12,192 | 4.0% | 15,738 | -19.5% |
| ARGUS PROPAN FAR EST INDE | 7E | 1,842 | 392 | 369.9% | 1,484 | 24.1% |
| ARGUS PROPAN(SAUDI ARAMCO | 9N | 903 | 540 | 67.2% | 770 | 17.3% |
| AUSTRIALIAN COKE COAL | ALW | 820 | 943 | -13.0% | 897 | -8.6% |
| BRENT BALMO SWAP | J9 | 0 | 268 | -100.0% | 210 | -100.0% |
| BRENT CALENDAR SWAP | CY | 16,964 | 30,580 | -44.5% | 16,915 | 0.3% |
| BRENT CFD(PLATTS) VS FRNT | 1C | 0 | 0 | - | 0 | - |
| BRENT CFD SWAP | 6W | 0 | 0 | - | 0 | - |
| BRENT FINANCIAL FUTURES | BB | 7,023 | 9,716 | -27.7% | 7,063 | -0.6% |
| BRENT FINANCIAL FUTURES | MBC | 0 | 0 | - | 0 | - |
| BRENT FINANCIAL FUTURES | MDB | 146 | 0 | - | 80 | 82.5% |
| BRENT OIL LAST DAY | BZL | 0 | 0 | 0.0% | 0 | 0.0% |
| BRENT OIL LAST DAY | BZS | 0 | 0 | 0.0% | 0 | 0.0% |
| CANADIAN LIGHT SWEET OIL | CIL | 3,835 | 468 | 719.4% | 4,714 | -18.6% |
| CARBON EUA EMISSIONS EURO | RC | 0 | 0 | - | 0 | - |
| CENTERPOINT BASIS SWAP | PW | 21,836 | 9,888 | 120.8% | 15,740 | 38.7% |
| CENTERPOINT EAST INDEX | II | 0 | 0 | - | 0 | - |
| CENTER POINT NAT GAS FIXED PRICE | DAC | 0 | 0 | - | 0 | - |
| CHICAGO ETHANOL SWAP | CU | 46,546 | 51,617 | -9.8% | 43,252 | 7.6% |
| CHICAGO ULSD (PLATTS) SWA | 4C | 27 | 71 | -62.0% | 30 | -10.0% |

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| Energy Futures | | | | | | |
| CHICAGO ULSD PL VS HO SPR | 5C | 2,227 | 2,994 | -25.6% | 2,252 | -1.1% |
| CHICAGO UNL GAS PL VS RBO | 3C | 1,413 | 295 | 379.0% | 1,416 | -0.2% |
| CIG BASIS | CI | 42,010 | 14,315 | 193.5% | 41,527 | 1.2% |
| CIG ROCKIES NG INDEX SWA | Z8 | 0 | 0 | - | 930 | -100.0% |
| CINERGY HUB OFF-PEAK MONT | EJ | 608 | 986 | -38.3% | 658 | -7.6% |
| CINERGY HUB PEAK MONTH | EM | 414 | 1,130 | -63.4% | 428 | -3.3% |
| CIN HUB 5MW D AH O PK | K2 | 350,680 | 317,664 | 10.4% | 345,040 | 1.6% |
| CIN HUB 5MW D AH PK | H5 | 22,080 | 20,591 | 7.2% | 22,752 | -3.0% |
| CIN HUB 5MW REAL TIME O P | H4 | 950,600 | 522,600 | 81.9% | 968,712 | -1.9% |
| CIN HUB 5MW REAL TIME PK | H3 | 51,571 | 16,949 | 204.3% | 50,958 | 1.2% |
| COAL SWAP | ACM | 390 | 475 | -17.9% | 290 | 34.5% |
| COAL SWAP | SSI | 84 | 738 | -88.6% | 99 | -15.2% |
| COLUMB GULF MAINLINE NG B | 5Z | 37,926 | 40,412 | -6.2% | 38,544 | -1.6% |
| COLUMBIA GULF MAIN NAT G | L2 | 2,208 | 0 | - | 0 | - |
| COLUMBIA GULF NAT GAS FIXED PRICE | DCE | 0 | 0 | - | 0 | - |
| COLUMBIA GULF ONSHORE | GL | 24,627 | 27,831 | -11.5% | 25,527 | -3.5% |
| CONWAY NATURAL GASOLINE (OPIS) SWAP | 8L | 695 | 387 | 79.6% | 689 | 0.9% |
| CONWAY NORMAL BUTANE (OPIS) SWAP | 8M | 405 | 222 | 82.4% | 301 | 34.6% |
| CONWAY PROPANE 5 DECIMALS SWAP | 8K | 17,524 | 9,761 | 79.5% | 14,725 | 19.0% |
| CRUDE OIL | LPS | 20,329 | 6,200 | 227.9% | 18,876 | 7.7% |
| CRUDE OIL LAST DAY | 26 | 0 | 0 | - | 0 | - |
| CRUDE OIL OUTRIGHTS | 37 | 0 | 0 | - | 0 | - |
| CRUDE OIL OUTRIGHTS | 42 | 44 | 2,521 | -98.3% | 136 | -67.6% |
| CRUDE OIL OUTRIGHTS | DBL | 50 | 11,060 | -99.5% | 500 | -90.0% |
| CRUDE OIL OUTRIGHTS | FE | 0 | 0 | - | 0 | - |
| CRUDE OIL OUTRIGHTS | HTT | 2,192 | 0 | - | 1,140 | 92.3% |
| CRUDE OIL OUTRIGHTS | WCC | 14,495 | 10,711 | 35.3% | 14,652 | -1.1% |
| CRUDE OIL PHY | CLL | 0 | 0 | 0.0% | 0 | 0.0% |
| CRUDE OIL SPRDS | 38 | 0 | 90 | -100.0% | 0 | - |
| CRUDE OIL SPRDS | KE | 0 | 0 | - | 0 | - |
| CRUDE OIL SPRDS | WTT | 5,768 | 1,035 | 457.3% | 5,060 | 14.0% |
| CRUDE OIL TRADE AT MARKER SINGAPORE | CLS | 0 | 0 | 0.0% | 0 | 0.0% |
| DAILY PJM | AOR | 17,640 | 0 | - | 16,848 | 4.7% |
| DAILY PJM | IDO | 16,640 | 0 | - | 16,800 | -1.0% |
| DAILY PJM | NOC | 17,280 | 0 | - | 14,976 | 15.4% |
| DAILY PJM | PAP | 780 | 0 | - | 870 | -10.3% |
| DAILY PJM | PEO | 15,600 | 0 | - | 15,360 | 1.6% |
| DAILY PJM | PNO | 30,200 | 0 | - | 29,856 | 1.2% |
| DAILY PJM | PNP | 770 | 0 | - | 852 | -9.6% |
| DAILY PJM | PWO | 52,000 | 0 | - | 48,000 | 8.3% |
| DAILY PJM | PWP | 2,470 | 0 | - | 2,715 | -9.0% |
| DAILY PJM | WOR | 43,080 | 0 | - | 37,856 | 13.8% |
| DAILY PJM | ZAO | 41,400 | 0 | - | 47,904 | -13.6% |
| DAILY PJM | ZGO | 18,200 | 0 | - | 16,416 | 10.9% |
| DAILY PJM | ZJO | 5,720 | 0 | - | 5,280 | 8.3% |
| DATED BRENT (PLATTS) DAILY SWAP | 7G | 0 | 5,855 | -100.0% | 0 | - |
| DATED TO FRONTLINE BRENT | FY | 9,463 | 11,518 | -17.8% | 7,363 | 28.5% |
| DEMARC INDEX FUTURE | DI | 0 | 0 | - | 0 | - |
| DIESEL 10P BRG FOB RDM VS | 7X | 0 | 0 | - | 0 | - |
| DIESEL 10PPM BARGES FOB B | U7 | 0 | 0 | - | 0 | - |
| DIESEL10PPM BARG VS ICE LS | LSE | 0 | 0 | - | 0 | - |
| DOMINION TRAN INC - APP I | IH | 8,136 | 0 | - | 7,609 | 6.9% |
| DOMINION TRANSMISSION INC | PG | 42,256 | 15,344 | 175.4% | 42,914 | -1.5% |

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| Energy Futures | | | | | | |
| DUBAI CRUDE OIL BALMO | BI | 0 | 0 | - | 0 | - |
| DUBAI CRUDE OIL CALENDAR | DC | 2,336 | 9,887 | -76.4% | 1,536 | 52.1% |
| DY EURO 3.5% FUEL OI RDA | FOR | 0 | 0 | - | 0 | - |
| EASTERN RAIL DELIVERY CSX | QX | 2,742 | 5,467 | -49.8% | 2,732 | 0.4% |
| EAST/WEST FUEL OIL SPREAD | EW | 360 | 1,805 | -80.1% | 416 | -13.5% |
| EIA FLAT TAX ONHWAY DIESE | A5 | 5,524 | 6,642 | -16.8% | 5,744 | -3.8% |
| ELEC ERCOT DLY OFF PK | R4 | 0 | 0 | - | 0 | - |
| ELEC ERCOT DLY PEAK | I7 | 42 | 0 | - | 49 | -14.3% |
| ELEC ERCOT DLY PEAK | I9 | 0 | 0 | - | 0 | - |
| ELEC ERCOT DLY PEAK | N1 | 0 | 4,246 | -100.0% | 0 | - |
| ELEC ERCOT DLY PEAK | R1 | 0 | 0 | - | 0 | - |
| ELEC ERCOT OFF PEAK | ERU | 0 | 0 | - | 0 | - |
| ELEC ERCOT OFF PEAK | O1 | 0 | 77,286 | -100.0% | 0 | - |
| ELEC FINSETTLED | 47 | 2,804 | 613 | 357.4% | 2,804 | 0.0% |
| ELEC FINSETTLED | 49 | 955 | 0 | - | 1,070 | -10.7% |
| ELEC MISO PEAK | 4L | 955 | 1,275 | -25.1% | 1,162 | -17.8% |
| ELEC MISO PEAK | 55 | 1,780 | 896 | 98.7% | 1,872 | -4.9% |
| ELEC NYISO OFF-PEAK | 4M | 17,725 | 23,520 | -24.6% | 21,100 | -16.0% |
| ELEC NYISO OFF-PEAK | 58 | 32,964 | 16,434 | 100.6% | 34,464 | -4.4% |
| ELECTRICITY ERCOT PEAK | ERE | 0 | 0 | - | 0 | - |
| ELECTRICITY OFF PEAK | 46 | 51,544 | 11,433 | 350.8% | 51,544 | 0.0% |
| ELECTRICITY OFF PEAK | 4P | 0 | 7,026 | -100.0% | 0 | - |
| ELECTRICITY OFF PEAK | 50 | 17,725 | 0 | - | 19,600 | -9.6% |
| EL PASO PERMIAN INDEX SWA | IL | 0 | 0 | - | 372 | -100.0% |
| EMMISSIONS | CPL | 0 | 0 | - | 0 | - |
| ERCOT NORTH ZMCPE 5MW OFFPEAK | I8 | 600 | 0 | - | 520 | 15.4% |
| ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP | I6 | 15,805 | 76,215 | -79.3% | 17,725 | -10.8% |
| ERCOT NORTH ZMCPE 5MW PEAK | I5 | 1,190 | 7,726 | -84.6% | 1,337 | -11.0% |
| ETHANOL T2 FOB ROTT INCL DUTY SWAP | Z1 | 3,600 | 4,474 | -19.5% | 3,595 | 0.1% |
| EU LOW SULPHUR GASOIL CRACK | LSC | 0 | 0 | - | 0 | - |
| EURO 1% FUEL OIL NEW BALM | KX | 0 | 0 | - | 0 | - |
| EURO 3.5% FUEL OIL M CRK | FL | 0 | 0 | - | 0 | - |
| EURO 3.5% FUEL OIL RDAM B | KR | 562 | 716 | -21.5% | 239 | 135.1% |
| EURO 3.5% FUEL OIL SPREAD | FK | 846 | 2,823 | -70.0% | 974 | -13.1% |
| EURO-DENOMINATED PETRO PROD | IBE | 0 | 0 | - | 0 | - |
| EURO-DENOMINATED PETRO PROD | MFE | 0 | 0 | - | 0 | - |
| EURO-DENOMINATED PETRO PROD | NCP | 0 | 230 | -100.0% | 0 | - |
| EURO GASOIL 10 CAL SWAP | GT | 0 | 6 | -100.0% | 0 | - |
| EURO GASOIL 10PPM VS ICE | ET | 823 | 216 | 281.0% | 912 | -9.8% |
| EUROPE 1% FUEL OIL NWE CA | UF | 430 | 499 | -13.8% | 382 | 12.6% |
| EUROPE 1% FUEL OIL RDAM C | UH | 137 | 100 | 37.0% | 135 | 1.5% |
| EUROPE 3.5% FUEL OIL MED | UI | 1,309 | 330 | 296.7% | 1,029 | 27.2% |
| EUROPE 3.5% FUEL OIL RDAM | UV | 8,444 | 13,663 | -38.2% | 8,471 | -0.3% |
| EUROPEAN GASOIL (ICE) | 7F | 2,905 | 2,568 | 13.1% | 3,079 | -5.7% |
| EUROPEAN NAPHTHA BALMO | KZ | 152 | 72 | 111.1% | 187 | -18.7% |
| EUROPEAN NAPHTHA CRACK SPR | EN | 9,977 | 13,463 | -25.9% | 10,170 | -1.9% |
| EUROPE DATED BRENT SWAP | UB | 6,355 | 10,913 | -41.8% | 8,159 | -22.1% |
| EUROPE JET KERO NWE CALSW | UJ | 38 | 62 | -38.7% | 38 | 0.0% |
| EUROPE NAPHTHA CALSWAP | UN | 1,468 | 1,882 | -22.0% | 1,364 | 7.6% |
| EURO PROPANE CIF ARA SWA | PS | 1,546 | 755 | 104.8% | 1,139 | 35.7% |
| FLORIDA GAS ZONE3 BASIS S | FP | 1,105 | 10,162 | -89.1% | 1,041 | 6.1% |
| FREIGHT MARKETS | FLP | 822 | 42 | 1,857.1% | 684 | 20.2% |
| FREIGHT MARKETS | FRC | 0 | 0 | - | 0 | - |

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| Energy Futures | | | | | | |
| FUEL OIL CRACK VS ICE | FO | 19,710 | 17,023 | 15.8% | 17,750 | 11.0% |
| FUEL OIL NWE CRACK VS ICE | FI | 171 | 459 | -62.7% | 190 | -10.0% |
| FUEL OIL (PLATS) CAR CM | 1W | 146 | 150 | -2.7% | 154 | -5.2% |
| FUEL OIL (PLATS) CAR CN | 1X | 81 | 125 | -35.2% | 84 | -3.6% |
| FUELOIL SWAP:CARGOES VS.B | FS | 1,483 | 2,713 | -45.3% | 1,474 | 0.6% |
| GAS EURO-BOB OXY NWE BARGES | 7H | 8,067 | 7,327 | 10.1% | 8,156 | -1.1% |
| GAS EURO-BOB OXY NWE BARGES CRK | 7K | 34,432 | 37,768 | -8.8% | 34,979 | -1.6% |
| GASOIL 0.1 BRGS FOB VS IC | 6V | 5 | 0 | - | 1 | 400.0% |
| GASOIL 0.1 CARGOES CIF NE | TW | 0 | 0 | - | 0 | - |
| GASOIL 0.1 CIF MED BALMO | X6 | 0 | 0 | - | 0 | - |
| GASOIL 0.1 CIF MED SWAP | Z4 | 20 | 0 | - | 30 | -33.3% |
| GASOIL 0.1CIF MED VS ICE | Z5 | 5 | 46 | -89.1% | 40 | -87.5% |
| GASOIL 0.1 CIF NWE VS ISE | TU | 0 | 0 | - | 0 | - |
| GASOIL 0.1 CIF VS ICE GAS | 8W | 5 | 0 | - | 0 | - |
| GASOIL 0.1 CRG CIF NW VS | 4V | 0 | 0 | - | 0 | - |
| GASOIL 0.1 RDAM BRGS VS I | WQ | 78 | 99 | -21.2% | 78 | 0.0% |
| GASOIL 0.1 ROTTERDAM BARG | VL | 0 | 0 | - | 0 | - |
| GASOIL 10P CRG CIF NW VS | 3V | 0 | 10 | -100.0% | 0 | - |
| GASOIL 10PPM CARGOES CIF | TY | 0 | 0 | - | 0 | - |
| GASOIL 10PPM VS ICE SWAP | TP | 176 | 326 | -46.0% | 192 | -8.3% |
| GASOIL BULLET SWAP | BG | 0 | 0 | - | 0 | - |
| GASOIL CALENDAR SWAP | GX | 187 | 159 | 17.6% | 82 | 128.0% |
| GASOIL CRACK SPREAD CALEN | GZ | 7,190 | 13,655 | -47.3% | 6,402 | 12.3% |
| GASOIL MINI CALENDAR SWAP | QA | 787 | 1,360 | -42.1% | 815 | -3.4% |
| GASOLINE UP-DOWN (ARGUS) | UZ | 0 | 0 | - | 0 | - |
| GASOLINE UP-DOWN BALMO SW | 1K | 0 | 525 | -100.0% | 250 | -100.0% |
| GC ULSD VS GC JET SPREAD | VV | 0 | 0 | - | 0 | - |
| GROUP THREE ULSD (PLATTS) | A7 | 0 | 10 | -100.0% | 0 | - |
| GRP THREE ULSD(PLT)VS HEA | A6 | 6,090 | 10,999 | -44.6% | 6,515 | -6.5% |
| GRP THREE UNL GS (PLT) VS | A8 | 4,656 | 3,866 | 20.4% | 4,835 | -3.7% |
| GULF COAST 3% FUEL OIL BA | VZ | 980 | 981 | -0.1% | 1,003 | -2.3% |
| GULF COAST GASOLINE CLNDR | GS | 0 | 2,518 | -100.0% | 0 | - |
| GULF COAST JET FUEL CLNDR | GE | 894 | 1,918 | -53.4% | 725 | 23.3% |
| GULF COAST JET VS NYM 2 H | ME | 34,763 | 37,586 | -7.5% | 33,191 | 4.7% |
| GULF COAST NO.6 FUEL OIL | MF | 62,714 | 61,367 | 2.2% | 61,544 | 1.9% |
| GULF COAST NO.6 FUEL OIL | MG | 8,595 | 8,100 | 6.1% | 8,914 | -3.6% |
| GULF COAST ULSD CALENDAR | LY | 4,804 | 7,386 | -35.0% | 5,012 | -4.2% |
| GULF COAST ULSD CRACK SPR | GY | 7,926 | 12,672 | -37.5% | 7,220 | 9.8% |
| HEATING OIL BALMO CLNDR S | 1G | 45 | 120 | -62.5% | 0 | - |
| HEATING OIL PHY | HOL | 0 | 0 | 0.0% | 0 | 0.0% |
| HEATING OIL VS ICE GASOIL | HA | 0 | 0 | - | 0 | - |
| HENRY HUB BASIS SWAP | HB | 71,902 | 35,106 | 104.8% | 66,494 | 8.1% |
| HENRY HUB INDEX SWAP FUTU | IN | 46,620 | 21,402 | 117.8% | 36,684 | 27.1% |
| HENRY HUB SWAP | NN | 1,390,417 | 1,574,998 | -11.7% | 1,408,818 | -1.3% |
| HENRY HUB SWING FUTURE | SN | 0 | 0 | - | 0 | - |
| HOUSTON SHIP CHANNEL BASI | NH | 24,808 | 19,747 | 25.6% | 25,554 | -2.9% |
| HOUSTON SHIP CHANNEL INDE | IP | 0 | 0 | - | 0 | - |
| HUSTN SHIP CHNL PIPE SWP | XJ | 3,425 | 0 | - | 3,425 | 0.0% |
| ICE BRENT DUBAI SWAP | DB | 2,235 | 4,320 | -48.3% | 2,640 | -15.3% |
| ICE GASOIL BALMO SWAP | U9 | 0 | 0 | - | 0 | - |
| IN DELIVERY MONTH EUA | 6T | 47,750 | 77,333 | -38.3% | 47,500 | 0.5% |
| INDIANA MISO | FAD | 21,960 | 0 | - | 17,240 | 27.4% |
| INDIANA MISO | FDM | 0 | 0 | - | 0 | - |

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| Energy Futures | | | | | | |
| INDIANA MISO | FTD | 8,160 | 0 | - | 10,088 | -19.1% |
| INDIANA MISO | FTM | 35,450 | 117,300 | -69.8% | 39,200 | -9.6% |
| INDIANA MISO | PDD | 792 | 0 | - | 889 | -10.9% |
| INDIANA MISO | PDM | 463 | 5,573 | -91.7% | 578 | -19.9% |
| INDIANA MISO | PTD | 287 | 0 | - | 248 | 15.7% |
| INDIANA MISO | PTM | 0 | 4,867 | -100.0% | 0 | - |
| INDONESIAN COAL | MCC | 45 | 565 | -92.0% | 45 | 0.0% |
| ISO NEW ENGLAND OFF-PEAK | KI | 510 | 1,164 | -56.2% | 548 | -6.9% |
| ISO NEW ENGLAND PK LMP | NI | 539 | 1,647 | -67.3% | 574 | -6.1% |
| JAPAN C&F NAPHTHA CRACK S | JB | 1,279 | 369 | 246.6% | 1,385 | -7.7% |
| JAPAN C&F NAPHTHA SWAP | JA | 1,516 | 1,503 | 0.9% | 1,628 | -6.9% |
| JAPAN NAPHTHA BALMO SWAP | E6 | 20 | 58 | -65.5% | 170 | -88.2% |
| JET AV FUEL (P) CAR FM ICE GAS SWAP | 1V | 19 | 123 | -84.6% | 32 | -40.6% |
| JET BARGES VS ICE GASOIL | JR | 14 | 0 | - | 21 | -33.3% |
| JET CIF NWE VS ICE | JC | 400 | 363 | 10.2% | 393 | 1.8% |
| JET FUEL BRG FOB RDM VS I | 9Q | 0 | 0 | - | 0 | - |
| JET FUEL CARGOES CIF NEW | F3 | 0 | 0 | - | 0 | - |
| JET FUEL CRG CIF NEW VS I | 6X | 0 | 0 | - | 0 | - |
| JET FUEL UP-DOWN BALMO CL | 1M | 4,073 | 1,775 | 129.5% | 3,025 | 34.6% |
| LA CARB DIESEL (OPIS) | LX | 143 | 46 | 210.9% | 156 | -8.3% |
| LA CARB DIESEL (OPIS) SWA | KL | 1,645 | 1,085 | 51.6% | 1,522 | 8.1% |
| LA CARBOB GASOLINE(OPIS)S | JL | 1,100 | 775 | 41.9% | 1,725 | -36.2% |
| LA JET FUEL VS NYM NO 2 H | MQ | 612 | 90 | 580.0% | 727 | -15.8% |
| LA JET (OPIS) SWAP | JS | 2,342 | 875 | 167.7% | 2,502 | -6.4% |
| LLS (ARGUS) CALENDAR SWAP | XA | 0 | 0 | - | 0 | - |
| LLS (ARGUS) VS WTI SWAP | WJ | 39,236 | 52,921 | -25.9% | 41,264 | -4.9% |
| MARS (ARGUS) VS WTI SWAP | YX | 14,925 | 10,649 | 40.2% | 15,921 | -6.3% |
| MARS (ARGUS) VS WTI TRD M | YV | 7,732 | 2,630 | 194.0% | 7,536 | 2.6% |
| MARS BLEND CRUDE OIL | MB | 1,215 | 0 | - | 1,046 | 16.2% |
| MCCLOSKEY ARA ARGS COAL | MTF | 130,144 | 115,422 | 12.8% | 112,857 | 15.3% |
| MCCLOSKEY RCH BAY COAL | MFF | 29,214 | 31,942 | -8.5% | 25,440 | 14.8% |
| MGF FUT | MGF | 100 | 0 | - | 60 | 66.7% |
| MGN1 SWAP FUT | MGN | 641 | 447 | 43.4% | 640 | 0.2% |
| MICHIGAN BASIS | NF | 11,956 | 3,012 | 296.9% | 9,056 | 32.0% |
| MICHIGAN HUB OFF-PEAK MON | HJ | 0 | 0 | - | 0 | - |
| MICHIGAN HUB PEAK MONTH S | HM | 0 | 0 | - | 0 | - |
| MICHIGAN MISO | HMO | 220,288 | 181,864 | 21.1% | 222,920 | -1.2% |
| MICHIGAN MISO | HMW | 14,452 | 12,424 | 16.3% | 14,958 | -3.4% |
| MINI GAS EUROBOB OXY NWE ARGS BALMO | MEB | 375 | 342 | 9.6% | 244 | 53.7% |
| MINI RBOB V. EBOBARG NWE BRGS BALMO | MXR | 0 | 490 | -100.0% | 0 | - |
| MINI RBOB V. EBOB(ARGUS) NWE BRGS | MXB | 1,833 | 1,590 | 15.3% | 1,656 | 10.7% |
| MISO 5MW OFF PEAK | 4R | 0 | 0 | - | 0 | - |
| MISO 5MW PEAK | 4Q | 0 | 0 | - | 0 | - |
| MJB FUT | MJB | 0 | 5 | -100.0% | 0 | - |
| MJC FUT | MJC | 353 | 195 | 81.0% | 358 | -1.4% |
| MNC FUT | MNC | 5,046 | 4,981 | 1.3% | 5,506 | -8.4% |
| MONT BELVIEU ETHANE 5 DECIMAL | C0 | 62,272 | 18,438 | 237.7% | 51,806 | 20.2% |
| MONT BELVIEU ETHANE OPIS BALMO | 8C | 65 | 275 | -76.4% | 150 | -56.7% |
| MONT BELVIEU LDH PROPANE 5 DECIMAL | B0 | 122,510 | 66,677 | 83.7% | 121,706 | 0.7% |
| MONT BELVIEU LDH PROPANE OPIS BALMO | 8O | 107 | 217 | -50.7% | 833 | -87.2% |
| MONT BELVIEU NATURAL GASOLINE 5 DEC | 7Q | 16,356 | 13,478 | 21.4% | 16,468 | -0.7% |
| MONT BELVIEU NATURAL GASOLINE BALMO | R0 | 168 | 965 | -82.6% | 252 | -33.3% |
| MONT BELVIEU NORMAL BUTANE 5 DECIMAL | D0 | 33,085 | 24,910 | 32.8% | 33,176 | -0.3% |

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| Energy Futures | | | | | | |
| MONT BELVIEU NORMAL BUTANE BALMO | 8J | 165 | 179 | -7.8% | 459 | -64.1% |
| NAT GAS BASIS SWAP | SGW | 0 | 0 | - | 0 | - |
| NAT GAS BASIS SWAP | TZ6 | 7,933 | 1,040 | 662.8% | 6,000 | 32.2% |
| NATURAL GAS | XAC | 0 | 0 | - | 0 | - |
| NATURAL GAS | XSC | 0 | 0 | - | 0 | - |
| NATURAL GAS FIXED PRICE SWAP FUTURES | CFS | 980 | 0 | - | 1,100 | -10.9% |
| NATURAL GAS FIXED PRICE SWAP FUTURES | DSF | 4,040 | 0 | - | 4,340 | -6.9% |
| NATURAL GAS FIXED PRICE SWAP FUTURES | MFS | 980 | 0 | - | 1,100 | -10.9% |
| NATURAL GAS FIXED PRICE SWAP FUTURES | PFS | 176 | 0 | - | 198 | -11.1% |
| NATURAL GAS FIXED PRICE SWAP FUTURES | WFS | 221 | 0 | - | 248 | -10.9% |
| NATURAL GAS FIXED PRICE SWAP FUTURES | Z5P | 0 | 0 | - | 0 | - |
| NATURAL GAS FIXED PRICE SWAP FUTURES | ZTS | 32 | 0 | - | 36 | -11.1% |
| NATURAL GAS INDEX | TZI | 610 | 0 | - | 610 | 0.0% |
| NATURAL GAS PEN SWP | NP | 313,044 | 521,672 | -40.0% | 310,978 | 0.7% |
| NEPOOL CNCTCT 5MW D AH O | P3 | 16,621 | 11,722 | 41.8% | 4,696 | 253.9% |
| NEPOOL CONECTIC 5MW D AH | P2 | 889 | 640 | 38.9% | 254 | 250.0% |
| NEPOOL INTR HUB 5MW D AH | H2 | 331,017 | 279,178 | 18.6% | 335,751 | -1.4% |
| NEPOOL INTR HUB 5MW D AH | U6 | 16,416 | 16,537 | -0.7% | 16,936 | -3.1% |
| NEPOOL MAINE 5MW D AH O E | W2 | 0 | 0 | - | 0 | - |
| NEPOOL MAINE 5MW D AH PK | P9 | 0 | 0 | - | 0 | - |
| NEPOOL NE MASS 5MW D AH O | P8 | 0 | 14,052 | -100.0% | 0 | - |
| NEPOOL NE MASS 5MW D AH P | P7 | 640 | 972 | -34.2% | 640 | 0.0% |
| NEPOOL NEW HAMP 5MW D AH | U2 | 0 | 386 | -100.0% | 0 | - |
| NEPOOL NEW HAMP 5MW D AH | U3 | 0 | 7,026 | -100.0% | 0 | - |
| NEPOOL RHD ISLD 5MW D AH | U4 | 7,897 | 10,157 | -22.3% | 8,909 | -11.4% |
| NEPOOL RHODE IL 5MW D AH | U5 | 121,255 | 184,238 | -34.2% | 135,130 | -10.3% |
| NEPOOL SE MASS 5MW D AH O | P5 | 0 | 3,513 | -100.0% | 0 | - |
| NEPOOL SE MASS 5MW D AH P | P4 | 0 | 193 | -100.0% | 0 | - |
| NEPOOL W CNT MASS 5MW D A | L9 | 43,092 | 36,688 | 17.5% | 44,592 | -3.4% |
| NEPOOL W CNTR M 5MW D AH | R6 | 4,008 | 1,783 | 124.8% | 4,123 | -2.8% |
| NEW ENGLAND HUB PEAK DAIL | CE | 1,545 | 0 | - | 1,550 | -0.3% |
| NEW YORK ETHANOL SWAP | EZ | 3,075 | 1,425 | 115.8% | 3,985 | -22.8% |
| NEW YORK HUB ZONE G PEAK | GN | 2,342 | 0 | - | 2,092 | 12.0% |
| NEW YORK HUB ZONE J PEAK | JN | 971 | 0 | - | 992 | -2.1% |
| NGPL MID-CONTINENT | NL | 42,149 | 19,321 | 118.2% | 39,657 | 6.3% |
| NGPL MIDCONTINENT INDEX | IW | 4,280 | 180 | 2,277.8% | 4,280 | 0.0% |
| NGPL TEX/OK | PD | 58,142 | 45,074 | 29.0% | 59,664 | -2.6% |
| NGPL TEXOK INDEX | OI | 0 | 186 | -100.0% | 0 | - |
| NGPL TEXOK SWING SWAP | OX | 0 | 0 | - | 0 | - |
| N ILLINOIS HUB DAILY | UD | 168 | 0 | - | 188 | -10.6% |
| N ILLINOIS HUB MTHLY | UM | 420 | 1,644 | -74.5% | 440 | -4.5% |
| NO 2 UP-DOWN SPREAD CALEN | UT | 276 | 975 | -71.7% | 914 | -69.8% |
| NORTHERN NATURAL GAS DEMAR | PE | 2,051 | 645 | 218.0% | 1,528 | 34.2% |
| NORTHERN NATURAL GAS VENTU | PF | 4,206 | 6,483 | -35.1% | 1,817 | 131.5% |
| NORTHERN ILLINOIS OFF-PEA | UO | 740 | 2,136 | -65.4% | 830 | -10.8% |
| NORTHWEST ROCKIES BASIS S | NR | 81,415 | 20,159 | 303.9% | 74,298 | 9.6% |
| N ROCKIES PIPE SWAP | XR | 729 | 0 | - | 759 | -4.0% |
| NY1% VS GC SPREAD SWAP | VR | 6,061 | 5,089 | 19.1% | 5,393 | 12.4% |
| NY 2.2% FUEL OIL (PLATTS | Y3 | 0 | 333 | -100.0% | 214 | -100.0% |
| NY 3.0% FUEL OIL (PLATTS | H1 | 800 | 370 | 116.2% | 950 | -15.8% |
| NY HARBOR 1% FUEL OIL BAL | VK | 0 | 0 | - | 30 | -100.0% |
| NY HARBOR HEAT OIL SWP | MP | 14,488 | 18,516 | -21.8% | 15,315 | -5.4% |
| NY HARBOR LOW SULPUR GAS 1000MBBL | NLS | 1,275 | 2,467 | -48.3% | 700 | 82.1% |

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| Energy Futures | | | | | | |
| NY HARBOR LOW SULPUR GASOIL 1000MT | SLS | 0 | 0 | - | 0 | - |
| NY HARBOR RESIDUAL FUEL 1 | MM | 7,253 | 5,354 | 35.5% | 7,687 | -5.6% |
| NY HARBOR RESIDUAL FUEL C | ML | 0 | 100 | -100.0% | 0 | - |
| NYH NO 2 CRACK SPREAD CAL | HK | 13,672 | 15,810 | -13.5% | 13,904 | -1.7% |
| NY H OIL PLATTS VS NYMEX | YH | 4 | 82 | -95.1% | 11 | -63.6% |
| NYISO A | KA | 3,882 | 9,194 | -57.8% | 4,388 | -11.5% |
| NYISO A OFF-PEAK | KB | 1,180 | 3,194 | -63.1% | 1,330 | -11.3% |
| NYISO CAPACITY | NNC | 2,036 | 922 | 120.8% | 2,207 | -7.7% |
| NYISO CAPACITY | NRS | 2,572 | 1,497 | 71.8% | 2,780 | -7.5% |
| NYISO G | KG | 382 | 3,337 | -88.6% | 451 | -15.3% |
| NYISO G OFF-PEAK | KH | 210 | 1,095 | -80.8% | 240 | -12.5% |
| NYISO J | KJ | 4,950 | 7,605 | -34.9% | 5,232 | -5.4% |
| NYISO J OFF-PEAK | KK | 858 | 1,554 | -44.8% | 860 | -0.2% |
| NYISO ZONE A 5MW D AH O P | K4 | 331,159 | 467,425 | -29.2% | 336,647 | -1.6% |
| NYISO ZONE A 5MW D AH PK | K3 | 12,336 | 26,363 | -53.2% | 13,029 | -5.3% |
| NYISO ZONE C 5MW D AH O P | A3 | 17,725 | 30,546 | -42.0% | 19,600 | -9.6% |
| NYISO ZONE C 5MW D AH PK | Q5 | 955 | 1,661 | -42.5% | 1,070 | -10.7% |
| NYISO ZONE G 5MW D AH O P | D2 | 352,349 | 264,776 | 33.1% | 308,269 | 14.3% |
| NYISO ZONE G 5MW D AH PK | T3 | 22,883 | 20,085 | 13.9% | 24,521 | -6.7% |
| NYISO ZONE J 5MW D AH O P | D4 | 140,485 | 102,390 | 37.2% | 135,621 | 3.6% |
| NYISO ZONE J 5MW D AH PK | D3 | 13,867 | 7,603 | 82.4% | 14,006 | -1.0% |
| NY JET FUEL (ARGUS) VS HEATING OIL | 5U | 0 | 0 | - | 0 | - |
| NY JET FUEL (PLATTS) HEAT OIL SWAP | 1U | 0 | 455 | -100.0% | 0 | - |
| NYMEX ALUMINUM FUTURES | AN | 1,182 | 0 | - | 1,188 | -0.5% |
| NYMEX ULSD VS NYMEX HO | UY | 375 | 699 | -46.4% | 576 | -34.9% |
| NY ULSD (ARGUS) VS HEATING OIL | 7Y | 1,577 | 5,558 | -71.6% | 2,662 | -40.8% |
| ONEOK OKLAHOMA NG BASIS | 8X | 4,021 | 2,687 | 49.6% | 3,941 | 2.0% |
| ONTARIO POWER SWAPS | OFD | 2,760 | 0 | - | 3,952 | -30.2% |
| ONTARIO POWER SWAPS | OFM | 119,663 | 206,169 | -42.0% | 128,495 | -6.9% |
| ONTARIO POWER SWAPS | OPD | 120 | 0 | - | 265 | -54.7% |
| ONTARIO POWER SWAPS | OPM | 4,880 | 14,817 | -67.1% | 5,090 | -4.1% |
| PANHANDLE BASIS SWAP FUTU | PH | 42,899 | 29,798 | 44.0% | 45,941 | -6.6% |
| PANHANDLE INDEX SWAP FUTU | IV | 0 | 0 | - | 558 | -100.0% |
| PANHANDLE PIPE SWAP | XH | 0 | 0 | - | 0 | - |
| PERMIAN BASIS SWAP | PM | 18,161 | 6,302 | 188.2% | 16,485 | 10.2% |
| PETROCHEMICALS | 22 | 93 | 16 | 481.3% | 22 | 322.7% |
| PETROCHEMICALS | 32 | 19 | 26 | -26.9% | 29 | -34.5% |
| PETROCHEMICALS | 51 | 0 | 0 | - | 0 | - |
| PETROCHEMICALS | 81 | 0 | 0 | - | 0 | - |
| PETROCHEMICALS | 8I | 1,981 | 3,254 | -39.1% | 2,196 | -9.8% |
| PETROCHEMICALS | 91 | 328 | 69 | 375.4% | 155 | 111.6% |
| PETROCHEMICALS | HPE | 0 | 231 | -100.0% | 0 | - |
| PETROCHEMICALS | LPE | 0 | 60 | -100.0% | 0 | - |
| PETROCHEMICALS | MAC | 80 | 0 | - | 80 | 0.0% |
| PETROCHEMICALS | MAE | 90 | 70 | 28.6% | 60 | 50.0% |
| PETROCHEMICALS | MAS | 40 | 40 | 0.0% | 50 | -20.0% |
| PETROCHEMICALS | MBE | 3,235 | 3,316 | -2.4% | 3,285 | -1.5% |
| PETROCHEMICALS | MNB | 1,760 | 2,520 | -30.2% | 2,179 | -19.2% |
| PETRO CRCKS & SPRDS ASIA | STI | 225 | 0 | - | 279 | -19.4% |
| PETRO CRCKS & SPRDS ASIA | STR | 0 | 225 | -100.0% | 250 | -100.0% |
| PETRO CRCKS & SPRDS ASIA | STS | 0 | 15 | -100.0% | 0 | - |
| PETRO CRCKS & SPRDS NA | CBA | 0 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS NA | CRB | 148 | 471 | -68.6% | 1,306 | -88.7% |

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| Energy Futures | | | | | | |
| PETRO CRCKS & SPRDS NA | EXR | 1,916 | 1,668 | 14.9% | 1,884 | 1.7% |
| PETRO CRCKS & SPRDS NA | FOC | 3,525 | 1,150 | 206.5% | 3,450 | 2.2% |
| PETRO CRCKS & SPRDS NA | GBB | 175 | 50 | 250.0% | 0 | - |
| PETRO CRCKS & SPRDS NA | GCC | 675 | 0 | - | 700 | -3.6% |
| PETRO CRCKS & SPRDS NA | GCI | 3,337 | 4,566 | -26.9% | 3,466 | -3.7% |
| PETRO CRCKS & SPRDS NA | GCM | 35 | 0 | - | 18 | 94.4% |
| PETRO CRCKS & SPRDS NA | GCU | 29,368 | 35,325 | -16.9% | 28,771 | 2.1% |
| PETRO CRCKS & SPRDS NA | GFC | 0 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS NA | HOB | 18,044 | 14,247 | 26.7% | 18,598 | -3.0% |
| PETRO CRCKS & SPRDS NA | KSD | 0 | 0 | - | 130 | -100.0% |
| PETRO CRCKS & SPRDS NA | NFC | 0 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS NA | NFG | 200 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS NA | NYF | 475 | 1,675 | -71.6% | 525 | -9.5% |
| PETRO CRCKS & SPRDS NA | NYH | 300 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS NA | RBB | 16,299 | 27,451 | -40.6% | 18,831 | -13.4% |
| PETRO CRCKS & SPRDS NA | RVG | 13,719 | 1,565 | 776.6% | 12,606 | 8.8% |
| PETRO CRCKS & SPRDS NA | SF3 | 0 | 0 | - | 19 | -100.0% |
| PETRO CRK&SPRD EURO | 1NB | 4,741 | 11,301 | -58.0% | 5,567 | -14.8% |
| PETRO CRK&SPRD EURO | 1ND | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | 43 | 158 | 904 | -82.5% | 373 | -57.6% |
| PETRO CRK&SPRD EURO | BFR | 75 | 70 | 7.1% | 90 | -16.7% |
| PETRO CRK&SPRD EURO | BOB | 6,302 | 3,299 | 91.0% | 6,661 | -5.4% |
| PETRO CRK&SPRD EURO | EBF | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | EOB | 104 | 154 | -32.5% | 100 | 4.0% |
| PETRO CRK&SPRD EURO | EPN | 336 | 153 | 119.6% | 190 | 76.8% |
| PETRO CRK&SPRD EURO | EVC | 4,069 | 5,028 | -19.1% | 3,346 | 21.6% |
| PETRO CRK&SPRD EURO | FBT | 150 | 70 | 114.3% | 190 | -21.1% |
| PETRO CRK&SPRD EURO | FVB | 0 | 32 | -100.0% | 0 | - |
| PETRO CRK&SPRD EURO | GCB | 0 | 0 | - | 25 | -100.0% |
| PETRO CRK&SPRD EURO | GOC | 135 | 312 | -56.7% | 138 | -2.2% |
| PETRO CRK&SPRD EURO | GRB | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | GRS | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | LSU | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | MGB | 99 | 239 | -58.6% | 110 | -10.0% |
| PETRO CRK&SPRD EURO | MUD | 178 | 574 | -69.0% | 195 | -8.7% |
| PETRO CRK&SPRD EURO | NBB | 5 | 17 | -70.6% | 27 | -81.5% |
| PETRO CRK&SPRD EURO | NOB | 740 | 387 | 91.2% | 864 | -14.4% |
| PETRO CRK&SPRD EURO | NYG | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | SFB | 0 | 15 | -100.0% | 0 | - |
| PETRO CRK&SPRD EURO | SFC | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | D43 | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | D44 | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | D45 | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | D63 | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | D64 | 0 | 55 | -100.0% | 0 | - |
| PETROLEUM PRODUCTS | D65 | 0 | 5 | -100.0% | 0 | - |
| PETROLEUM PRODUCTS | EWB | 0 | 5 | -100.0% | 0 | - |
| PETROLEUM PRODUCTS | EWG | 50 | 0 | - | 50 | 0.0% |
| PETROLEUM PRODUCTS | MBS | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | MPE | 530 | 0 | - | 835 | -36.5% |
| PETROLEUM PRODUCTS | RMG | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | RMK | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS ASIA | E6M | 205 | 58 | 253.4% | 30 | 583.3% |

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| Energy Futures | | | | | | |
| PETROLEUM PRODUCTS ASIA | MJN | 1,841 | 2,311 | -20.3% | 1,460 | 26.1% |
| PETRO OUTRIGHT EURO | 0A | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | 0B | 476 | 526 | -9.5% | 240 | 98.3% |
| PETRO OUTRIGHT EURO | 0C | 10 | 0 | - | 56 | -82.1% |
| PETRO OUTRIGHT EURO | 0D | 8,384 | 7,044 | 19.0% | 8,787 | -4.6% |
| PETRO OUTRIGHT EURO | 0E | 1,209 | 165 | 632.7% | 800 | 51.1% |
| PETRO OUTRIGHT EURO | 0F | 1,543 | 1,643 | -6.1% | 1,606 | -3.9% |
| PETRO OUTRIGHT EURO | 1T | 20 | 30 | -33.3% | 20 | 0.0% |
| PETRO OUTRIGHT EURO | 33 | 159 | 630 | -74.8% | 167 | -4.8% |
| PETRO OUTRIGHT EURO | 59 | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | 5L | 105 | 80 | 31.3% | 30 | 250.0% |
| PETRO OUTRIGHT EURO | 63 | 195 | 125 | 56.0% | 155 | 25.8% |
| PETRO OUTRIGHT EURO | 6L | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | 7I | 270 | 343 | -21.3% | 25 | 980.0% |
| PETRO OUTRIGHT EURO | 7P | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | 7R | 270 | 326 | -17.2% | 130 | 107.7% |
| PETRO OUTRIGHT EURO | 88 | 15 | 0 | - | 5 | 200.0% |
| PETRO OUTRIGHT EURO | CBB | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | CGB | 0 | 30 | -100.0% | 0 | - |
| PETRO OUTRIGHT EURO | CPB | 107 | 36 | 197.2% | 10 | 970.0% |
| PETRO OUTRIGHT EURO | EFF | 75 | 14 | 435.7% | 88 | -14.8% |
| PETRO OUTRIGHT EURO | EFM | 65 | 193 | -66.3% | 70 | -7.1% |
| PETRO OUTRIGHT EURO | ENS | 363 | 267 | 36.0% | 382 | -5.0% |
| PETRO OUTRIGHT EURO | EWN | 382 | 381 | 0.3% | 369 | 3.5% |
| PETRO OUTRIGHT EURO | FBD | 0 | 24 | -100.0% | 0 | - |
| PETRO OUTRIGHT EURO | MBB | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | MBN | 4,098 | 3,080 | 33.1% | 3,998 | 2.5% |
| PETRO OUTRIGHT EURO | RBF | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | SMU | 0 | 400 | -100.0% | 0 | - |
| PETRO OUTRIGHT EURO | T0 | 220 | 821 | -73.2% | 175 | 25.7% |
| PETRO OUTRIGHT EURO | ULB | 0 | 0 | - | 90 | -100.0% |
| PETRO OUTRIGHT EURO | V0 | 225 | 1,409 | -84.0% | 250 | -10.0% |
| PETRO OUTRIGHT EURO | W0 | 0 | 0 | - | 50 | -100.0% |
| PETRO OUTRIGHT EURO | X0 | 0 | 222 | -100.0% | 0 | - |
| PETRO OUTRIGHT EURO | Y0 | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | 5Y | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | DBB | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | FCB | 89 | 288 | -69.1% | 41 | 117.1% |
| PETRO OUTRIGHT NA | FOB | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | FOM | 0 | 32 | -100.0% | 0 | - |
| PETRO OUTRIGHT NA | JE | 340 | 0 | - | 385 | -11.7% |
| PETRO OUTRIGHT NA | JET | 2,120 | 725 | 192.4% | 2,435 | -12.9% |
| PETRO OUTRIGHT NA | MBL | 77 | 561 | -86.3% | 112 | -31.3% |
| PETRO OUTRIGHT NA | MEN | 753 | 710 | 6.1% | 765 | -1.6% |
| PETRO OUTRIGHT NA | MEO | 8,900 | 9,023 | -1.4% | 9,692 | -8.2% |
| PETRO OUTRIGHT NA | MFD | 84 | 10 | 740.0% | 100 | -16.0% |
| PETRO OUTRIGHT NA | MMF | 274 | 216 | 26.9% | 288 | -4.9% |
| PETRO OUTRIGHT NA | NYB | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | NYT | 0 | 25 | -100.0% | 0 | - |
| PETRO OUTRIGHT NA | XER | 0 | 0 | - | 0 | - |
| PGE&E CITYGATE | PC | 0 | 0 | - | 0 | - |
| PJM AD HUB 5MW REAL TIME | V3 | 1,275,665 | 1,316,269 | -3.1% | 1,329,041 | -4.0% |
| PJM AD HUB 5MW REAL TIME | Z9 | 76,224 | 49,052 | 55.4% | 74,242 | 2.7% |

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| Energy Futures | | | | | | |
| PJM AECO DA OFF-PEAK | X1 | 53,208 | 132,080 | -59.7% | 58,458 | -9.0% |
| PJM AECO DA PEAK | Y1 | 2,883 | 7,195 | -59.9% | 3,205 | -10.0% |
| PJM APS ZONE DA OFF-PEAK | W4 | 10,635 | 24,651 | -56.9% | 11,760 | -9.6% |
| PJM APS ZONE DA PEAK | S4 | 573 | 1,344 | -57.4% | 642 | -10.7% |
| PJM ATSI ELEC | MOD | 23,400 | 0 | - | 23,400 | 0.0% |
| PJM ATSI ELEC | MPD | 1,275 | 0 | - | 1,275 | 0.0% |
| PJM BGE DA OFF-PEAK | R3 | 38,232 | 24,256 | 57.6% | 15,207 | 151.4% |
| PJM BGE DA PEAK | E3 | 2,082 | 1,719 | 21.1% | 830 | 150.8% |
| PJM COMED 5MW D AH O PK | D9 | 254,140 | 58,584 | 333.8% | 166,165 | 52.9% |
| PJM COMED 5MW D AH PK | D8 | 15,530 | 3,214 | 383.2% | 10,775 | 44.1% |
| PJM DAILY | JD | 810 | 0 | - | 670 | 20.9% |
| PJM DAYTON DA OFF-PEAK | R7 | 193,665 | 245,007 | -21.0% | 197,905 | -2.1% |
| PJM DAYTON DA PEAK | D7 | 15,645 | 13,115 | 19.3% | 16,275 | -3.9% |
| PJM DPL DA OFF-PEAK | E8 | 0 | 0 | - | 0 | - |
| PJM DPL DA PEAK | L8 | 0 | 0 | - | 0 | - |
| PJM DUQUESNE 5MW D AH PK | D5 | 0 | 0 | - | 0 | - |
| PJM DUQUS 5MW D AH O PK | D6 | 0 | 0 | - | 0 | - |
| PJM EASTERNH DA PEAK | E9 | 0 | 0 | - | 0 | - |
| PJM JCPL DA OFF-PEAK | F2 | 54,720 | 105,120 | -47.9% | 58,470 | -6.4% |
| PJM JCPL DA PEAK | J2 | 2,970 | 5,750 | -48.3% | 3,200 | -7.2% |
| PJM NI HUB 5MW REAL TIME | B3 | 43,076 | 25,254 | 70.6% | 43,575 | -1.1% |
| PJM NI HUB 5MW REAL TIME | B6 | 1,287,606 | 537,392 | 139.6% | 1,280,742 | 0.5% |
| PJM NILL DA OFF-PEAK | L3 | 558,070 | 135,489 | 311.9% | 460,614 | 21.2% |
| PJM NILL DA PEAK | N3 | 29,834 | 7,643 | 290.3% | 25,364 | 17.6% |
| PJM OFF-PEAK LMP SWAP FUT | JP | 3,292 | 6,759 | -51.3% | 3,536 | -6.9% |
| PJM PECO ZONE5MW PEAK CAL MO DAY AH | 4N | 0 | 386 | -100.0% | 0 | - |
| PJM PEPKO DA OFF-PEAK | Q8 | 0 | 0 | - | 0 | - |
| PJM PEPKO DA PEAK | R8 | 0 | 0 | - | 0 | - |
| PJM PPL DA OFF-PEAK | F5 | 46,085 | 31,617 | 45.8% | 50,960 | -9.6% |
| PJM PPL DA PEAK | L5 | 2,483 | 2,509 | -1.0% | 2,782 | -10.7% |
| PJM PSEG DA OFF-PEAK | W6 | 140,400 | 8,712 | 1,511.6% | 93,600 | 50.0% |
| PJM PSEG DA PEAK | L6 | 5,100 | 462 | 1,003.9% | 2,550 | 100.0% |
| PJM WES HUB PEAK LMP 50 M | 4S | 0 | 193 | -100.0% | 0 | - |
| PJM WESTH DA OFF-PEAK | E4 | 1,345,764 | 1,300,586 | 3.5% | 1,260,076 | 6.8% |
| PJM WESTHDA PEAK | J4 | 73,870 | 72,667 | 1.7% | 68,998 | 7.1% |
| PJM WESTH RT OFF-PEAK | N9 | 3,968,290 | 2,808,488 | 41.3% | 3,858,338 | 2.8% |
| PJM WESTH RT PEAK | L1 | 224,367 | 131,376 | 70.8% | 226,696 | -1.0% |
| PLASTICS | PGP | 1,849 | 3,407 | -45.7% | 1,764 | 4.8% |
| PLASTICS | PPP | 0 | 0 | - | 0 | - |
| PREMIUM UNLD 10P FOB MED | 3G | 617 | 1,283 | -51.9% | 516 | 19.6% |
| PREMIUM UNLD 10PPM CARGOE | 4G | 0 | 0 | - | 0 | - |
| PREMIUM UNLEAD 10PPM FOB | 8G | 53 | 138 | -61.6% | 15 | 253.3% |
| PREM UNL GAS 10PPM RDAM FOB BALMO | 7N | 0 | 6 | -100.0% | 0 | - |
| PREM UNL GAS 10PPM RDAM FOB SWAP | 7L | 139 | 162 | -14.2% | 121 | 14.9% |
| PROPANE NON-LDH MB (OPIS) BALMO SWP | 1S | 0 | 0 | - | 0 | - |
| PROPANE NON-LDH MT. BEL (OPIS) SWP | 1R | 27,613 | 11,629 | 137.4% | 23,749 | 16.3% |
| RBOB CALENDAR SWAP | RL | 12,122 | 16,979 | -28.6% | 12,610 | -3.9% |
| RBOB CRACK SPREAD | RM | 5,246 | 2,888 | 81.6% | 5,042 | 4.0% |
| RBOB CRACK SPREAD BALMO S | 1E | 0 | 0 | - | 0 | - |
| RBOB GASOLINE BALMO CLNDR | 1D | 24 | 1,161 | -97.9% | 160 | -85.0% |
| RBOB PHY | RBL | 0 | 0 | 0.0% | 0 | 0.0% |
| RBOB SPREAD (PLATTS) SWAP | RI | 80 | 106 | -24.5% | 85 | -5.9% |
| RBOB UP-DOWN CALENDAR SWA | RV | 0 | 14,238 | -100.0% | 1,360 | -100.0% |

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| Energy Futures | | | | | | |
| RBOB VS HEATING OIL SWAP | RH | 2,796 | 1,750 | 59.8% | 2,096 | 33.4% |
| ROCKIES KERN OPAL - NW IN | IR | 736 | 0 | - | 1,046 | -29.6% |
| SAN JUAN BASIS SWAP | NJ | 28,197 | 4,010 | 603.2% | 19,333 | 45.8% |
| SAN JUAN PIPE SWAP | XX | 0 | 0 | - | 0 | - |
| SINGAPORE 180CST BALMO | BS | 161 | 20 | 705.0% | 0 | - |
| SINGAPORE 380CST BALMO | BT | 103 | 226 | -54.4% | 375 | -72.5% |
| SINGAPORE 380CST FUEL OIL | SE | 8,594 | 9,109 | -5.7% | 8,386 | 2.5% |
| SINGAPORE FUEL 180CST CAL | UA | 2,024 | 3,153 | -35.8% | 1,849 | 9.5% |
| SINGAPORE FUEL OIL SPREAD | SD | 1,058 | 1,244 | -15.0% | 982 | 7.7% |
| SINGAPORE GASOIL | MTB | 175 | 111 | 57.7% | 228 | -23.2% |
| SINGAPORE GASOIL | MTS | 5,475 | 5,303 | 3.2% | 5,048 | 8.5% |
| SINGAPORE GASOIL | STF | 0 | 0 | - | 0 | - |
| SINGAPORE GASOIL | STL | 0 | 0 | - | 0 | - |
| SINGAPORE GASOIL | STZ | 0 | 450 | -100.0% | 0 | - |
| SINGAPORE GASOIL BALMO | VU | 12 | 0 | - | 298 | -96.0% |
| SINGAPORE GASOIL CALENDAR | MSG | 140 | 370 | -62.2% | 50 | 180.0% |
| SINGAPORE GASOIL SWAP | SG | 7,528 | 5,698 | 32.1% | 3,308 | 127.6% |
| SINGAPORE GASOIL VS ICE | GA | 4,815 | 4,470 | 7.7% | 4,650 | 3.5% |
| SINGAPORE JET KERO BALMO | BX | 0 | 0 | - | 0 | - |
| SINGAPORE JET KERO GASOIL | RK | 3,280 | 2,245 | 46.1% | 2,690 | 21.9% |
| SINGAPORE JET KEROSENE SW | KS | 2,044 | 4,830 | -57.7% | 1,829 | 11.8% |
| SINGAPORE JET KERO VS. GASOIL BALMO | Z0 | 0 | 0 | - | 0 | - |
| SINGAPORE MOGAS 92 UNLEADED BALMO | 1P | 1,860 | 200 | 830.0% | 860 | 116.3% |
| SINGAPORE MOGAS 92 UNLEADED SWP | 1N | 13,613 | 17,617 | -22.7% | 12,680 | 7.4% |
| SINGAPORE NAPHTHA BALMO | KU | 0 | 0 | - | 20 | -100.0% |
| SINGAPORE NAPHTHA SWAP | SP | 0 | 925 | -100.0% | 0 | - |
| SING FUEL | MSD | 5 | 0 | - | 0 | - |
| SOCAL BASIS SWAP | NS | 0 | 2,256 | -100.0% | 0 | - |
| SOCAL PIPE SWAP | XN | 3,360 | 980 | 242.9% | 3,360 | 0.0% |
| SONAT BASIS SWAP FUTURE | SZ | 4,348 | 6,584 | -34.0% | 4,490 | -3.2% |
| SOUTHERN NAT LA NAT GAS | M8 | 0 | 4,280 | -100.0% | 0 | - |
| SOUTH STAR TEX OKLHM KNS | 8Z | 1,000 | 2,333 | -57.1% | 856 | 16.8% |
| Sumas Basis Swap | NK | 10,885 | 8,053 | 35.2% | 10,589 | 2.8% |
| SUMAS NAT GAS PLATTS FIXED PRICE | DVS | 1,527 | 0 | - | 1,617 | -5.6% |
| TC2 ROTTERDAM TO USAC 37K | TM | 0 | 0 | - | 0 | - |
| TC5 RAS TANURA TO YOKOHAM | TH | 15 | 15 | 0.0% | 15 | 0.0% |
| TCO BASIS SWAP | TC | 42,294 | 70,022 | -39.6% | 45,612 | -7.3% |
| TCO NG INDEX SWAP | Q1 | 2,200 | 2,200 | 0.0% | 2,448 | -10.1% |
| TD3 MEG TO JAPAN 250K MT | TL | 0 | 0 | - | 0 | - |
| TENN 800 LEG NAT GAS INDE | L4 | 1,037 | 0 | - | 1,688 | -38.6% |
| TENNESSEE 500 LEG BASIS S | NM | 1,774 | 3,910 | -54.6% | 2,014 | -11.9% |
| TENNESSEE 500 LEG NG INDE | Y7 | 0 | 0 | - | 0 | - |
| TENNESSEE 500 LEG NG SWIN | T7 | 0 | 0 | - | 0 | - |
| TENNESSEE 800 LEG NG BASI | 6Z | 1,716 | 2,576 | -33.4% | 1,956 | -12.3% |
| TENNESSEE ZONE 0 BASIS SW | NQ | 1,520 | 0 | - | 1,760 | -13.6% |
| Tetco ELA Basis | TE | 0 | 368 | -100.0% | 0 | - |
| TETCO M-3 INDEX | IX | 10,098 | 5,064 | 99.4% | 10,598 | -4.7% |
| Tetco STX Basis | TX | 3,388 | 552 | 513.8% | 3,688 | -8.1% |
| TEXAS EASTERN ZONE M-3 BA | NX | 23,857 | 17,753 | 34.4% | 26,295 | -9.3% |
| TEXAS GAS ZONE1 NG BASIS | 9F | 15,173 | 18,658 | -18.7% | 15,323 | -1.0% |
| TRANSCO ZONE 1 NG BASIS | 8E | 0 | 368 | -100.0% | 0 | - |
| Transco Zone 3 Basis | CZ | 8,404 | 11,880 | -29.3% | 8,584 | -2.1% |
| TRANSCO ZONE4 BASIS SWAP | TR | 39,390 | 42,879 | -8.1% | 38,694 | 1.8% |

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| Energy Futures | | | | | | |
| TRANSCO ZONE 4 NAT GAS IN | B2 | 496 | 0 | - | 0 | - |
| TRANSCO ZONE 6 BASIS SWAP | NZ | 5,697 | 3,792 | 50.2% | 5,915 | -3.7% |
| TRANSCO ZONE 6 INDEX | IT | 3,082 | 0 | - | 2,834 | 8.8% |
| TRANSCO ZONE 6 PIPE SWAP | XZ4 | 0 | 0 | - | 0 | - |
| UCM FUT | UCM | 75 | 20 | 275.0% | 85 | -11.8% |
| ULSD 10PPM CIF MED BALMO | X7 | 35 | 0 | - | 0 | - |
| ULSD 10PPM CIF MED SWAP | Z6 | 42 | 3 | 1,300.0% | 7 | 500.0% |
| ULSD 10PPM CIF MED VS ICE | Z7 | 84 | 510 | -83.5% | 123 | -31.7% |
| ULSD 10PPM CIF NW BALMO S | B1 | 0 | 0 | - | 0 | - |
| ULSD 10PPM CIF VS ICE GAS | 7V | 0 | 10 | -100.0% | 0 | - |
| ULSD UP-DOWN BALMO SWP | 1L | 4,625 | 1,270 | 264.2% | 3,475 | 33.1% |
| UP DOWN GC ULSD VS NMX HO | LT | 68,126 | 53,506 | 27.3% | 62,821 | 8.4% |
| USGC UNL 87 CRACK SPREAD | RU | 0 | 1,050 | -100.0% | 225 | -100.0% |
| VENTURA NAT GAS PLATTS FIXED PRICE | DVA | 0 | 0 | - | 0 | - |
| WAHA BASIS | NW | 14,532 | 10,822 | 34.3% | 16,337 | -11.0% |
| WAHA INDEX SWAP FUTURE | IY | 5,426 | 0 | - | 3,172 | 71.1% |
| WESTERN RAIL DELIVERY PRB | QP | 3,465 | 6,345 | -45.4% | 3,375 | 2.7% |
| WTI-BRENT BULLET SWAP | BY | 0 | 35 | -100.0% | 0 | - |
| WTI-BRENT CALENDAR SWAP | BK | 70,783 | 127,371 | -44.4% | 71,702 | -1.3% |
| WTI CALENDAR | CS | 131,378 | 136,277 | -3.6% | 128,827 | 2.0% |
| WTS (ARGUS) VS WTI SWAP | FF | 29,816 | 44,155 | -32.5% | 32,592 | -8.5% |
| WTS (ARGUS) VS WTI TRD MT | FH | 3,790 | 9,869 | -61.6% | 3,160 | 19.9% |
| Energy Options | | | | | | |
| 1 MO GASOIL CAL SWAP SPR | GXA | 100 | 0 | - | 100 | 0.0% |
| APPALACHIAN COAL | 6K | 0 | 0 | - | 0 | - |
| BRENT 1 MONTH CAL | AA | 0 | 0 | - | 0 | - |
| BRENT CALENDAR SWAP | BA | 55,747 | 257,826 | -78.4% | 72,175 | -22.8% |
| BRENT OIL LAST DAY | BE | 14,227 | 26,714 | -46.7% | 12,727 | 11.8% |
| BRENT OIL LAST DAY | BZO | 4,041 | 0 | - | 401 | 907.7% |
| BRENT OIL LAST DAY | OS | 37,655 | 51,100 | -26.3% | 40,898 | -7.9% |
| COAL API2 INDEX | CLA | 20,430 | 14,560 | 40.3% | 18,875 | 8.2% |
| COAL API2 INDEX | CQA | 54,920 | 22,430 | 144.9% | 40,020 | 37.2% |
| COAL API2 INDEX | MTC | 150 | 151 | -0.7% | 0 | - |
| COAL API4 INDEX | RLA | 100 | 1,090 | -90.8% | 100 | 0.0% |
| COAL API4 INDEX | RQA | 705 | 175 | 302.9% | 575 | 22.6% |
| COAL SWAP | CPF | 465 | 490 | -5.1% | 445 | 4.5% |
| COAL SWAP | RPF | 1,774 | 2,975 | -40.4% | 1,734 | 2.3% |
| CRUDE OIL 1MO | WA | 481,163 | 370,168 | 30.0% | 427,401 | 12.6% |
| CRUDE OIL APO | AO | 305,926 | 531,085 | -42.4% | 321,527 | -4.9% |
| CRUDE OIL CALNDR STRIP | 6F | 0 | 110 | -100.0% | 0 | - |
| CRUDE OIL OUTRIGHTS | AH | 450 | 600 | -25.0% | 550 | -18.2% |
| CRUDE OIL OUTRIGHTS | DBP | 1,890 | 6,600 | -71.4% | 2,450 | -22.9% |
| CRUDE OIL PHY | CD | 0 | 0 | - | 0 | 0.0% |
| CRUDE OIL PHY | LC | 106,582 | 137,564 | -22.5% | 101,451 | 5.1% |
| CRUDE OIL PHY | LO | 3,041,774 | 3,687,944 | -17.5% | 2,863,664 | 6.2% |
| CRUDE OIL PHY | LO1 | 1,048 | 959 | 9.3% | 1,982 | -47.1% |
| CRUDE OIL PHY | LO2 | 38 | 275 | -86.2% | 247 | -84.6% |
| CRUDE OIL PHY | LO3 | 63 | 4 | 1,475.0% | 0 | - |
| CRUDE OIL PHY | LO4 | 0 | 0 | - | 6 | -100.0% |
| CRUDE OIL PHY | LO5 | 0 | 0 | - | 0 | - |
| DAILY CRUDE OIL | DNM | 0 | 0 | - | 0 | - |
| ELEC FINSETTLED | PML | 105 | 336 | -68.8% | 84 | 25.0% |

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| Energy Options | | | | | | |
| ELEC MISO PEAK | 9T | 420 | 0 | - | 420 | 0.0% |
| ELEC MISO PEAK | OEM | 0 | 0 | - | 0 | - |
| ELECTRICITY OFF PEAK | N9P | 0 | 0 | - | 0 | - |
| ETHANOL | CE1 | 0 | 0 | - | 0 | 0.0% |
| ETHANOL | CE3 | 25 | 0 | - | 25 | 0.0% |
| ETHANOL SWAP | CVR | 12,059 | 16,630 | -27.5% | 9,772 | 23.4% |
| ETHANOL SWAP | GVR | 2,801 | 10,840 | -74.2% | 2,408 | 16.3% |
| EURO-DENOMINATED PETRO PROD | EFB | 0 | 0 | - | 0 | - |
| EURO-DENOMINATED PETRO PROD | NWE | 0 | 0 | - | 0 | - |
| EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC | 30 | 60 | 0 | - | 60 | 0.0% |
| GASOIL CRACK SPREAD AVG PRICE OPTIONS | 3U | 0 | 0 | - | 0 | - |
| GASOLINE | GCE | 456 | 0 | - | 456 | 0.0% |
| HEATING OIL PHY | LB | 335 | 1,659 | -79.8% | 300 | 11.7% |
| HEATING OIL PHY | OH | 75,305 | 87,037 | -13.5% | 67,562 | 11.5% |
| HENRY HUB FINANCIAL LAST | E7 | 5,914 | 15,912 | -62.8% | 5,929 | -0.3% |
| HO 1 MONTH CLNDR OPTIONS | FA | 800 | 0 | 0.0% | 800 | 0.0% |
| HUSTN SHIP CHNL PIPE SWP | PK | 0 | 1,920 | -100.0% | 0 | - |
| ISO NEW ENGLAND PK LMP | OE | 0 | 0 | - | 0 | - |
| LLS CRUDE OIL | WJO | 6,045 | 0 | - | 5,235 | 15.5% |
| MCCLOSKEY ARA ARGS COAL | MTO | 4,320 | 9,355 | -53.8% | 4,320 | 0.0% |
| MCCLOSKEY RCH BAY COAL | MFO | 1,800 | 2,440 | -26.2% | 1,350 | 33.3% |
| NATURAL GAS | G10 | 0 | 0 | - | 500 | -100.0% |
| NATURAL GAS 12 M CSO FIN | G7 | 0 | 0 | - | 0 | - |
| NATURAL GAS 1 M CSO FIN | G4 | 5,500 | 2,750 | 100.0% | 5,200 | 5.8% |
| NATURAL GAS 2 M CSO FIN | G2 | 0 | 0 | - | 1,000 | -100.0% |
| NATURAL GAS 3 M CSO FIN | G3 | 33,235 | 7,155 | 364.5% | 23,910 | 39.0% |
| NATURAL GAS 5 M CSO FIN | G5 | 0 | 250 | -100.0% | 550 | -100.0% |
| NATURAL GAS 6 M CSO FIN | G6 | 0 | 0 | - | 0 | - |
| NATURAL GAS OPTION ON CALENDAR STRP | 6J | 14,186 | 12,107 | 17.2% | 14,146 | 0.3% |
| NATURAL GAS PHY | KD | 0 | 0 | 0.0% | 0 | 0.0% |
| NATURAL GAS PHY | LN | 2,774,854 | 3,170,772 | -12.5% | 2,828,816 | -1.9% |
| NATURAL GAS PHY | ON | 116,629 | 105,971 | 10.1% | 99,260 | 17.5% |
| NATURAL GAS PHY | ON1 | 0 | 0 | - | 0 | - |
| NATURAL GAS PHY | ON2 | 0 | 0 | - | 0 | - |
| NATURAL GAS PHY | ON3 | 0 | 0 | - | 0 | - |
| NATURAL GAS PHY | ON4 | 0 | 0 | - | 0 | - |
| NATURAL GAS PHY | ON5 | 0 | 0 | - | 0 | - |
| NATURAL GAS SUMMER STRIP | 4D | 0 | 0 | - | 0 | - |
| NG HH 3 MONTH CAL | IC | 250 | 0 | - | 250 | 0.0% |
| N ROCKIES PIPE SWAP | ZR | 4,590 | 3,634 | 26.3% | 3,960 | 15.9% |
| NY HARBOR HEAT OIL SWP | AT | 46,151 | 96,410 | -52.1% | 51,062 | -9.6% |
| NYISO ZONE G 5MW PEAK OPTIONS | 9U | 0 | 105 | -100.0% | 0 | - |
| NYMEX EUROPEAN GASOIL APO | F7 | 405 | 1,538 | -73.7% | 607 | -33.3% |
| NYMEX EUROPEAN GASOIL OPT | F8 | 0 | 220 | -100.0% | 0 | - |
| PETROCHEMICALS | 4H | 8,120 | 14,518 | -44.1% | 6,151 | 32.0% |
| PETROCHEMICALS | 4I | 0 | 0 | - | 0 | - |
| PETROCHEMICALS | 4J | 1,950 | 3,585 | -45.6% | 1,950 | 0.0% |
| PETROCHEMICALS | 4K | 0 | 0 | - | 0 | - |
| PETROCHEMICALS | CPR | 495 | 0 | - | 495 | 0.0% |
| PETRO OUTRIGHT EURO | 8H | 75 | 375 | -80.0% | 100 | -25.0% |
| PGE CITYGATE PIPE SWAP | CW | 0 | 4,800 | -100.0% | 0 | - |
| PJM CALENDAR STRIP | 6O | 0 | 640 | -100.0% | 0 | - |
| PJM ELECTRIC | 6OO | 0 | 6 | -100.0% | 0 | - |

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| Energy Options | | | | | | |
| PJM MONTHLY | JO | 0 | 94 | -100.0% | 2 | -100.0% |
| PJM WES HUB PEAK CAL MTH | 6OA | 200 | 0 | - | 200 | 0.0% |
| PJM WES HUB PEAK CAL MTH | JOA | 10,300 | 0 | - | 10,300 | 0.0% |
| PJM WES HUB PEAK LMP 50MW | PMA | 1,364 | 0 | - | 1,200 | 13.7% |
| RBOB 1MO CAL SPD OPTIONS | ZA | 1,350 | 0 | - | 0 | - |
| RBOB CALENDAR SWAP | RA | 1,207 | 9,840 | -87.7% | 2,258 | -46.5% |
| RBOB PHY | OB | 41,317 | 35,938 | 15.0% | 41,441 | -0.3% |
| RBOB PHY | RF | 8 | 0 | - | 24 | -66.7% |
| ROTTERDAM 3.5%FUEL OIL CL | Q6 | 270 | 1,675 | -83.9% | 280 | -3.6% |
| SAN JUAN PIPE SWAP | PJ | 1,310 | 728 | 79.9% | 360 | 263.9% |
| SHORT TERM | U11 | 0 | 0 | - | 0 | - |
| SHORT TERM | U12 | 0 | 0 | - | 0 | - |
| SHORT TERM | U13 | 0 | 0 | - | 0 | - |
| SHORT TERM | U14 | 0 | 0 | - | 0 | - |
| SHORT TERM | U15 | 0 | 0 | - | 0 | - |
| SHORT TERM | U22 | 0 | 0 | - | 0 | - |
| SHORT TERM | U23 | 0 | 0 | - | 0 | - |
| SHORT TERM | U24 | 0 | 0 | - | 0 | - |
| SHORT TERM | U25 | 0 | 0 | - | 0 | - |
| SHORT TERM | U26 | 0 | 0 | - | 0 | - |
| SHORT TERM CRUDE OIL | C02 | 0 | 0 | - | 0 | - |
| SHORT TERM CRUDE OIL | C05 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U01 | 0 | 50 | -100.0% | 500 | -100.0% |
| SHORT TERM NATURAL GAS | U02 | 800 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U03 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U04 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U05 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U06 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U07 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U08 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U09 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U10 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U16 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U17 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U18 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U19 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U20 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U21 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U27 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U28 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U29 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U30 | 0 | 0 | 0.0% | 0 | - |
| SHORT TERM NATURAL GAS | U31 | 0 | 0 | - | 0 | 0.0% |
| SINGAPORE FUEL OIL 180 CS | C5 | 0 | 0 | - | 0 | - |
| SINGAPORE GASOIL CALENDAR | M2 | 300 | 0 | - | 300 | 0.0% |
| SINGAPORE JET FUEL CALEND | N2 | 1,200 | 450 | 166.7% | 1,300 | -7.7% |
| SOCAL PIPE SWAP | ZN | 6,000 | 12,912 | -53.5% | 6,000 | 0.0% |
| WTI 12 MONTH CALENDAR OPT | WZ | 0 | 0 | - | 0 | - |
| WTI 6 MONTH CALENDAR OPTI | WM | 0 | 0 | - | 0 | - |
| WTI-BRENT BULLET SWAP | BV | 10,500 | 44,230 | -76.3% | 13,200 | -20.5% |
| WTI CRUDE OIL 12 M CSO F | 7Z | 0 | 0 | - | 0 | - |
| WTI CRUDE OIL 1 M CSO FI | 7A | 384,625 | 385,514 | -0.2% | 375,187 | 2.5% |

NYMEX/COMEX Exchange Open Interest Report - Monthly

| Commodity | | Open Interest APR 2016 | Open Interest APR 2015 | % CHG | Open Interest MAR 2016 | % CHG |
|-----------------------------------|-----|---------------------------|---------------------------|--------|---------------------------|----------|
| Metals Futures | | | | | | |
| COMEX GOLD | GC | 553,560 | 412,396 | 34.2% | 474,528 | 16.7% |
| NYMEX HOT ROLLED STEEL | HR | 21,914 | 20,977 | 4.5% | 24,943 | -12.1% |
| NYMEX PLATINUM | PL | 64,072 | 70,914 | -9.6% | 57,851 | 10.8% |
| PALLADIUM | PA | 22,801 | 32,522 | -29.9% | 22,321 | 2.2% |
| URANIUM | UX | 7,273 | 4,539 | 60.2% | 7,185 | 1.2% |
| COMEX SILVER | SI | 201,872 | 179,953 | 12.2% | 177,267 | 13.9% |
| COMEX E-Mini GOLD | QO | 1,371 | 1,522 | -9.9% | 1,231 | 11.4% |
| E-MINI SILVER | 6Q | 0 | 0 | - | 0 | - |
| COMEX E-Mini SILVER | QI | 75 | 105 | -28.6% | 68 | 10.3% |
| COMEX COPPER | HG | 178,814 | 163,009 | 9.7% | 188,415 | -5.1% |
| COMEX MINY COPPER | QC | 36 | 96 | -62.5% | 113 | -68.1% |
| Aluminium MW Trans Prem Platts | AUP | 27,328 | 5,990 | 356.2% | 27,518 | -0.7% |
| ALUMINUM | AEP | 6,571 | 0 | - | 6,139 | 7.0% |
| ALUMINUM | ALI | 374 | 184 | 103.3% | 247 | 51.4% |
| ALUMINUM | EDP | 240 | 0 | - | 96 | 150.0% |
| ALUMINUM | MJP | 1,337 | 0 | - | 1,422 | -6.0% |
| COPPER | HGS | 5,383 | 4,523 | 19.0% | 5,593 | -3.8% |
| E-MICRO GOLD | MGC | 2,653 | 1,530 | 73.4% | 1,419 | 87.0% |
| FERROUS PRODUCTS | BUS | 360 | 550 | -34.5% | 0 | - |
| FERROUS PRODUCTS | SSF | 0 | 0 | - | 0 | - |
| Gold Kilo | GCK | 143 | 46 | 210.9% | 8 | 1,687.5% |
| IRON ORE 58 CHINA TSI FUTURES | TIC | 0 | 0 | - | 0 | - |
| IRON ORE 62 CHINA PLATTS FUTURES | PIO | 100 | 534 | -81.3% | 790 | -87.3% |
| IRON ORE 62 CHINA TSI FUTURES | TIO | 24,071 | 15,502 | 55.3% | 26,713 | -9.9% |
| LNDN ZINC | ZNC | 0 | 0 | - | 5 | -100.0% |
| SILVER | SIL | 564 | 763 | -26.1% | 599 | -5.8% |
| Metals Options | | | | | | |
| COMEX COPPER | HX | 2,308 | 1,613 | 43.1% | 2,090 | 10.4% |
| COMEX GOLD | OG | 1,153,395 | 1,498,703 | -23.0% | 1,119,202 | 3.1% |
| COMEX SILVER | SO | 131,206 | 166,305 | -21.1% | 117,244 | 11.9% |
| COPPER | H4E | 0 | 0 | - | 0 | - |
| GOLD | OG1 | 232 | 97 | 139.2% | 623 | -62.8% |
| GOLD | OG2 | 156 | 470 | -66.8% | 46 | 239.1% |
| GOLD | OG3 | 0 | 0 | - | 50 | -100.0% |
| GOLD | OG4 | 0 | 0 | - | 0 | - |
| GOLD | OG5 | 0 | 0 | - | 0 | - |
| HOT ROLLED COIL STEEL CALL OPTION | HRO | 0 | 0 | - | 0 | - |
| HOT ROLLED COIL STEEL PUT OPTION | HRO | 0 | 0 | - | 0 | - |
| IRON ORE 62 CHINA TSI CALL OPTION | ICT | 18,616 | 7,529 | 147.3% | 19,645 | -5.2% |
| IRON ORE 62 CHINA TSI PUT OPTION | ICT | 18,597 | 23,010 | -19.2% | 19,180 | -3.0% |
| NYMEX PLATINUM | PO | 5,902 | 13,701 | -56.9% | 4,694 | 25.7% |
| PALLADIUM | PAO | 4,668 | 9,698 | -51.9% | 4,409 | 5.9% |
| SHORT TERM | L11 | 0 | 0 | - | 0 | - |
| SHORT TERM GOLD | L02 | 0 | 0 | - | 0 | - |
| SHORT TERM GOLD | L18 | 0 | 0 | - | 0 | - |
| SILVER | SO1 | 0 | 0 | - | 0 | - |
| SILVER | SO2 | 0 | 0 | - | 0 | - |
| SILVER | SO3 | 0 | 0 | - | 0 | - |
| SILVER | SO4 | 0 | 0 | - | 0 | - |
| SILVER | SO5 | 0 | 0 | - | 0 | - |



NYMEX/COMEX Exchange Open Interest Report - Monthly

| Commodity | Open Interest APR 2016 | Open Interest APR 2015 | % CHG | Open Interest MAR 2016 | % CHG |
|---|---------------------------|---------------------------|---------------|---------------------------|-------------|
| TOTAL FUTURES GROUP | | | | | |
| Commodities and Alternative Investments Futures | 60 | 66 | -9.1% | 49 | 22.4% |
| Energy Futures | 21,740,938 | 18,675,658 | 16.4% | 21,266,404 | 2.2% |
| Metals Futures | 1,120,912 | 915,655 | 22.4% | 1,024,471 | 9.4% |
| TOTAL FUTURES | 22,861,910 | 19,591,379 | 16.7% | 22,290,924 | 2.6% |
| TOTAL OPTIONS GROUP | | | | | |
| Energy Options | 7,706,884 | 9,175,216 | -16.0% | 7,496,558 | 2.8% |
| Metals Options | 1,335,080 | 1,721,126 | -22.4% | 1,287,183 | 3.7% |
| TOTAL OPTIONS | 9,041,964 | 10,896,342 | -17.0% | 8,783,741 | 2.9% |
| TOTAL COMBINED | | | | | |
| Commodities and Alternative Investments | 60 | 66 | -9.1% | 49 | 22.4% |
| Energy | 29,447,822 | 27,850,874 | 5.7% | 28,762,962 | 2.4% |
| Metals | 2,455,992 | 2,636,781 | -6.9% | 2,311,654 | 6.2% |
| GRAND TOTAL | 31,903,874 | 30,487,721 | 4.6% | 31,074,665 | 2.7% |