

NYMEX/COMEX Exchange Open Interest Report - Monthly

| | Commodity | Open Interest JUL 2018 | Open Interest JUL 2017 | % CHG | Open Interest JUN 2018 | % CHG |
|---------------------------|-----------|---------------------------|---------------------------|---------|---------------------------|---------|
| Ag Products Futures | | | | | | |
| COCOA TAS | CJ | 0 | 1 | -100.0% | 0 | - |
| COFFEE | KT | 0 | 0 | - | 0 | - |
| COTTON | TT | 0 | 2 | -100.0% | 0 | - |
| SUGAR 11 | YO | 0 | 1 | -100.0% | 58 | -100.0% |
| Energy Futures | | | | | | |
| CRUDE OIL PHY | CL | 2,358,174 | 2,242,008 | 5.2% | 2,502,159 | -5.8% |
| CRUDE OIL | WS | 572 | 7,396 | -92.3% | 572 | 0.0% |
| MINY WTI CRUDE OIL | QM | 4,690 | 5,473 | -14.3% | 4,711 | -0.4% |
| BRENT OIL LAST DAY | BZ | 197,874 | 143,699 | 37.7% | 211,992 | -6.7% |
| HEATING OIL PHY | HO | 395,920 | 396,631 | -0.2% | 390,359 | 1.4% |
| HTG OIL | BH | 220 | 292 | -24.7% | 203 | 8.4% |
| MINY HTG OIL | QH | 0 | 0 | - | 1 | -100.0% |
| RBOB PHY | RB | 470,601 | 391,992 | 20.1% | 436,313 | 7.9% |
| MINY RBOB GAS | QU | 0 | 0 | - | 0 | - |
| NATURAL GAS | HP | 78,338 | 118,086 | -33.7% | 78,684 | -0.4% |
| LTD NAT GAS | HH | 440,270 | 371,914 | 18.4% | 421,061 | 4.6% |
| MINY NATURAL GAS | QG | 1,130 | 1,580 | -28.5% | 1,231 | -8.2% |
| PJM MONTHLY | JM | 1,100 | 2,486 | -55.8% | 1,130 | -2.7% |
| NATURAL GAS PHY | NG | 1,541,421 | 1,333,496 | 15.6% | 1,489,298 | 3.5% |
| RBOB GAS | RT | 112 | 3,588 | -96.9% | 83 | 34.9% |
| 3.5% FUEL OIL CID MED SWA | 7D | 198 | 404 | -51.0% | 248 | -20.2% |
| 3.5% FUEL OIL CIF BALMO S | 8D | 0 | 0 | - | 0 | - |
| AEP-DAYTON HUB DAILY | VD | 82 | 170 | -51.8% | 68 | 20.6% |
| AEP-DAYTON HUB MTHLY | VM | 0 | 420 | -100.0% | 0 | - |
| AEP-DAYTON HUB OFF-PEAK M | VP | 0 | 300 | -100.0% | 0 | - |
| ALGON CITY GATES NAT GAS | N7 | 0 | 984 | -100.0% | 0 | - |
| ALGONQUIN CITYGATES BASIS | B4 | 0 | 1,068 | -100.0% | 0 | - |
| ANR LOUISIANA BASIS SWAP | ND | 0 | 0 | - | 0 | - |
| ANR OKLAHOMA | NE | 823 | 2,408 | -65.8% | 978 | -15.8% |
| APPALACHIAN COAL (PHY) | QL | 0 | 0 | - | 0 | - |
| ARGUS LLS VS. WTI (ARG) T | E5 | 45,218 | 7,934 | 469.9% | 49,839 | -9.3% |
| ARGUS PROPAN FAR EST INDE | 7E | 5,028 | 2,409 | 108.7% | 5,034 | -0.1% |
| ARGUS PROPAN(SAUDI ARAMCO | 9N | 1,613 | 879 | 83.5% | 1,656 | -2.6% |
| AUSTRIALIAN COKE COAL | ACT | 0 | 0 | - | 0 | - |
| AUSTRIALIAN COKE COAL | ALW | 192 | 630 | -69.5% | 216 | -11.1% |
| BRENT BALMO SWAP | J9 | 135 | 190 | -28.9% | 0 | - |
| BRENT CALENDAR SWAP | CY | 19,100 | 17,580 | 8.6% | 20,023 | -4.6% |
| BRENT CFD SWAP | 6W | 0 | 0 | - | 0 | - |
| BRENT FINANCIAL FUTURES | BB | 3,466 | 7,027 | -50.7% | 3,848 | -9.9% |
| BRENT FINANCIAL FUTURES | MBC | 127 | 0 | - | 0 | - |
| BRENT FINANCIAL FUTURES | MDB | 0 | 20 | -100.0% | 0 | - |
| BRENT OIL LAST DAY | BZL | 0 | 0 | 0.0% | 0 | 0.0% |
| BRENT OIL LAST DAY | BZS | 0 | 0 | 0.0% | 0 | 0.0% |
| CAISO SP15 EZGNHUB5 MW P | 9X | 0 | 1,250 | -100.0% | 0 | - |
| CAISO SP15 EZGNHUB5 PEAK | 9Z | 0 | 1,900 | -100.0% | 0 | - |
| CANADIAN LIGHT SWEET OIL | CIL | 28 | 2,919 | -99.0% | 35 | -20.0% |
| CENTERPOINT BASIS SWAP | PW | 5,251 | 13,332 | -60.6% | 5,813 | -9.7% |
| CENTERPOINT EAST INDEX | II | 0 | 0 | - | 0 | - |
| CEU ENERGY | DEB | 57 | 0 | - | 59 | -3.4% |
| CEU ENERGY | TTF | 133 | 0 | - | 200 | -33.5% |

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| Energy Futures | | | | | | |
| CEU ENERGY | UKG | 140 | 0 | - | 505 | -72.3% |
| CHICAGO ETHANOL SWAP | CU | 58,446 | 42,579 | 37.3% | 59,540 | -1.8% |
| CHICAGO ULSD (PLATTS) SWA | 4C | 0 | 0 | - | 0 | - |
| CHICAGO ULSD PL VS HO SPR | 5C | 1,456 | 1,179 | 23.5% | 1,116 | 30.5% |
| CHICAGO UNL GAS PL VS RBO | 3C | 550 | 18 | 2,955.6% | 625 | -12.0% |
| CIG BASIS | CI | 13,454 | 33,113 | -59.4% | 14,916 | -9.8% |
| CIG ROCKIES NG INDEX SWA | Z8 | 0 | 0 | - | 0 | - |
| CINERGY HUB OFF-PEAK MONT | EJ | 60 | 120 | -50.0% | 70 | -14.3% |
| CINERGY HUB PEAK MONTH | EM | 144 | 288 | -50.0% | 168 | -14.3% |
| CIN HUB 5MW D AH O PK | K2 | 56,000 | 322,600 | -82.6% | 69,160 | -19.0% |
| CIN HUB 5MW D AH PK | H5 | 6,443 | 14,059 | -54.2% | 6,916 | -6.8% |
| CIN HUB 5MW REAL TIME O P | H4 | 288,024 | 597,264 | -51.8% | 316,584 | -9.0% |
| CIN HUB 5MW REAL TIME PK | H3 | 25,782 | 45,483 | -43.3% | 27,640 | -6.7% |
| COAL SWAP | ACM | 35 | 95 | -63.2% | 205 | -82.9% |
| COAL SWAP | SSI | 0 | 0 | - | 0 | - |
| COLUMB GULF MAINLINE NG B | 5Z | 1,665 | 10,401 | -84.0% | 2,000 | -16.8% |
| COLUMBIA GULF MAIN NAT G | L2 | 0 | 0 | - | 0 | - |
| COLUMBIA GULF ONSHORE | GL | 0 | 7,439 | -100.0% | 0 | - |
| CONWAY NATURAL GASOLINE (OPIS) SWAP | 8L | 1,089 | 1,068 | 2.0% | 1,146 | -5.0% |
| CONWAY NORMAL BUTANE (OPIS) SWAP | 8M | 1,808 | 3,832 | -52.8% | 1,771 | 2.1% |
| CONWAY PROPANE 5 DECIMALS SWAP | 8K | 26,824 | 18,055 | 48.6% | 24,450 | 9.7% |
| CRUDE OIL | CHB | 0 | 0 | - | 0 | - |
| CRUDE OIL | LPS | 21,450 | 18,435 | 16.4% | 19,200 | 11.7% |
| CRUDE OIL OUTRIGHTS | 37 | 0 | 0 | - | 0 | - |
| CRUDE OIL OUTRIGHTS | 42 | 243 | 86 | 182.6% | 412 | -41.0% |
| CRUDE OIL OUTRIGHTS | CC5 | 0 | 270 | -100.0% | 0 | - |
| CRUDE OIL OUTRIGHTS | CPD | 0 | 0 | - | 0 | - |
| CRUDE OIL OUTRIGHTS | CSN | 0 | 0 | - | 0 | - |
| CRUDE OIL OUTRIGHTS | CSW | 0 | 875 | -100.0% | 0 | - |
| CRUDE OIL OUTRIGHTS | DBL | 0 | 100 | -100.0% | 0 | - |
| CRUDE OIL OUTRIGHTS | FE | 0 | 230 | -100.0% | 0 | - |
| CRUDE OIL OUTRIGHTS | GSW | 0 | 0 | - | 0 | - |
| CRUDE OIL OUTRIGHTS | HTT | 137,098 | 33,110 | 314.1% | 127,410 | 7.6% |
| CRUDE OIL OUTRIGHTS | LSW | 700 | 120 | 483.3% | 875 | -20.0% |
| CRUDE OIL OUTRIGHTS | SSW | 0 | 270 | -100.0% | 0 | - |
| CRUDE OIL OUTRIGHTS | UMD | 0 | 0 | - | 200 | -100.0% |
| CRUDE OIL OUTRIGHTS | UNS | 300 | 0 | - | 1,000 | -70.0% |
| CRUDE OIL OUTRIGHTS | WCC | 640 | 5,105 | -87.5% | 800 | -20.0% |
| CRUDE OIL OUTRIGHTS | WCW | 17,025 | 12,990 | 31.1% | 19,504 | -12.7% |
| CRUDE OIL PHY | CLL | 0 | 0 | 0.0% | 0 | 0.0% |
| CRUDE OIL SPRDS | 38 | 1,230 | 0 | - | 1,485 | -17.2% |
| CRUDE OIL SPRDS | WTT | 171,381 | 26,688 | 542.2% | 176,396 | -2.8% |
| CRUDE OIL TRADE AT MARKER SINGAPORE | CLS | 0 | 0 | 0.0% | 0 | 0.0% |
| DAILY PJM | AOR | 2,880 | 10,656 | -73.0% | 3,600 | -20.0% |
| DAILY PJM | IDO | 14,848 | 16,704 | -11.1% | 16,640 | -10.8% |
| DAILY PJM | NOC | 12,864 | 22,176 | -42.0% | 16,080 | -20.0% |
| DAILY PJM | PAP | 700 | 1,260 | -44.4% | 650 | 7.7% |
| DAILY PJM | PEO | 3,712 | 11,600 | -68.0% | 4,160 | -10.8% |
| DAILY PJM | PNO | 21,808 | 126,208 | -82.7% | 24,440 | -10.8% |
| DAILY PJM | PNP | 1,540 | 6,155 | -75.0% | 1,440 | 6.9% |
| DAILY PJM | PWO | 21,808 | 81,200 | -73.1% | 24,440 | -10.8% |
| DAILY PJM | PWP | 1,316 | 7,868 | -83.3% | 1,222 | 7.7% |
| DAILY PJM | WOR | 24,000 | 24,576 | -2.3% | 20,400 | 17.6% |

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| Energy Futures | | | | | | |
| DAILY PJM | ZAO | 6,496 | 13,920 | -53.3% | 7,280 | -10.8% |
| DAILY PJM | ZGO | 26,448 | 18,560 | 42.5% | 29,640 | -10.8% |
| DAILY PJM | ZJO | 11,600 | 11,600 | 0.0% | 13,000 | -10.8% |
| DATED BRENT (PLATTS) DAILY SWAP | 7G | 0 | 0 | - | 0 | - |
| DATED TO FRONTLINE BRENT | FY | 4,790 | 10,685 | -55.2% | 5,420 | -11.6% |
| DEMARCO INDEX FUTURE | DI | 0 | 0 | - | 0 | - |
| DEMARCO SWING SWAP | DT | 0 | 0 | - | 0 | - |
| DIESEL 10P BRG FOB RDM VS | 7X | 0 | 0 | - | 0 | - |
| DIESEL 10PPM BARGES FOB B | U7 | 0 | 3 | -100.0% | 0 | - |
| DLY GAS EURO-BOB OXY | GBR | 0 | 0 | - | 0 | - |
| DOMINION TRAN INC - APP I | IH | 1,472 | 2,920 | -49.6% | 1,712 | -14.0% |
| DOMINION TRANSMISSION INC | PG | 18,719 | 46,650 | -59.9% | 20,083 | -6.8% |
| DUBAI CRUDE OIL BALMO | BI | 0 | 0 | - | 0 | - |
| DUBAI CRUDE OIL CALENDAR | DC | 3,675 | 12,740 | -71.2% | 2,721 | 35.1% |
| DY EURO 3.5% FUEL OI RDA | FOR | 0 | 0 | - | 0 | - |
| EASTERN RAIL DELIVERY CSX | QX | 135 | 593 | -77.2% | 155 | -12.9% |
| EAST/WEST FUEL OIL SPREAD | EW | 107 | 564 | -81.0% | 97 | 10.3% |
| EIA FLAT TAX ONHWAY DIESE | A5 | 1,858 | 3,840 | -51.6% | 2,005 | -7.3% |
| ELEC ERCOT DLY OFF PK | I4 | 0 | 0 | - | 0 | - |
| ELEC ERCOT DLY OFF PK | R4 | 0 | 0 | - | 0 | - |
| ELEC ERCOT DLY PEAK | I3 | 300 | 0 | - | 0 | - |
| ELEC ERCOT DLY PEAK | I7 | 300 | 0 | - | 900 | -66.7% |
| ELEC ERCOT DLY PEAK | N1 | 0 | 0 | - | 0 | - |
| ELEC ERCOT DLY PEAK | R1 | 0 | 0 | - | 0 | - |
| ELEC ERCOT OFF PEAK | I2 | 0 | 0 | - | 0 | - |
| ELEC FINSETTLED | 47 | 1,278 | 2,164 | -40.9% | 1,320 | -3.2% |
| ELEC FINSETTLED | 49 | 0 | 0 | - | 0 | - |
| ELEC MISO PEAK | 4L | 1,905 | 4,040 | -52.8% | 2,220 | -14.2% |
| ELEC MISO PEAK | 55 | 0 | 504 | -100.0% | 0 | - |
| ELEC NYISO OFF-PEAK | 4M | 35,775 | 70,200 | -49.0% | 41,535 | -13.9% |
| ELEC NYISO OFF-PEAK | 58 | 0 | 9,604 | -100.0% | 0 | - |
| ELECTRICITY ERCOT PEAK | ERE | 0 | 0 | 0.0% | 0 | - |
| ELECTRICITY OFF PEAK | 46 | 23,474 | 40,069 | -41.4% | 24,242 | -3.2% |
| ELECTRICITY OFF PEAK | 4P | 0 | 0 | - | 0 | - |
| ELECTRICITY OFF PEAK | 50 | 0 | 0 | - | 0 | - |
| ELEC WEST POWER OFF-PEAK | MDA | 0 | 0 | - | 0 | - |
| ELEC WEST POWER PEAK | MDC | 0 | 0 | - | 0 | - |
| EL PASO PERMIAN INDEX SWA | IL | 0 | 0 | - | 0 | - |
| ERCOT DAILY 5MW PEAK | ERW | 0 | 690 | -100.0% | 0 | - |
| ERCOT HOUSTON Z MCPE 5MW PEAK SWAP | I1 | 1,150 | 1,680 | -31.5% | 2,200 | -47.7% |
| ERCOT NORTH ZMCPE 5MW OFFPEAK | I8 | 6,720 | 0 | - | 8,400 | -20.0% |
| ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP | I6 | 55,440 | 0 | - | 84,000 | -34.0% |
| ERCOT NORTH ZMCPE 5MW PEAK | I5 | 2,100 | 1,680 | 25.0% | 3,150 | -33.3% |
| ETHANOL SWAP | MT2 | 110 | 0 | - | 100 | 10.0% |
| ETHANOL T2 FOB ROTT INCL DUTY SWAP | Z1 | 4,859 | 4,984 | -2.5% | 4,788 | 1.5% |
| EURO 1% FUEL OIL NEW BALM | KX | 0 | 0 | - | 3 | -100.0% |
| EURO 3.5% FUEL OIL RDAM B | KR | 678 | 141 | 380.9% | 651 | 4.1% |
| EURO 3.5% FUEL OIL SPREAD | FK | 189 | 1,330 | -85.8% | 238 | -20.6% |
| EURO-DENOMINATED PETRO PROD | NCP | 0 | 0 | - | 0 | - |
| EURO GASOIL 10 CAL SWAP | GT | 0 | 0 | - | 0 | - |
| EURO GASOIL 10PPM VS ICE | ET | 281 | 281 | 0.0% | 324 | -13.3% |
| EUROPE 1% FUEL OIL NWE CA | UF | 192 | 73 | 163.0% | 179 | 7.3% |
| EUROPE 1% FUEL OIL RDAM C | UH | 3 | 10 | -70.0% | 3 | 0.0% |

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| Energy Futures | | | | | | |
| EUROPE 3.5% FUEL OIL MED | UI | 238 | 428 | -44.4% | 291 | -18.2% |
| EUROPE 3.5% FUEL OIL RDAM | UV | 13,072 | 9,519 | 37.3% | 13,654 | -4.3% |
| EUROPEAN GASOIL (ICE) | 7F | 179 | 1,043 | -82.8% | 154 | 16.2% |
| EUROPEAN NAPHTHA BALMO | KZ | 400 | 245 | 63.3% | 249 | 60.6% |
| EUROPEAN NAPHTHA CRACK SPR | EN | 16,025 | 12,840 | 24.8% | 15,959 | 0.4% |
| EUROPE DATED BRENT SWAP | UB | 75 | 1,325 | -94.3% | 150 | -50.0% |
| EUROPE JET KERO NWE CALSW | UJ | 24 | 48 | -50.0% | 24 | 0.0% |
| EUROPE NAPHTHA CALSWAP | UN | 3,140 | 2,910 | 7.9% | 3,101 | 1.3% |
| EURO PROPANE CIF ARA SWA | PS | 1,673 | 1,233 | 35.7% | 1,748 | -4.3% |
| FL GAS ZONE 3 NAT GAS IND | Q9 | 0 | 0 | - | 0 | - |
| FLORIDA GAS ZONE3 BASIS S | FP | 0 | 0 | - | 0 | - |
| FREIGHT MARKETS | FLP | 714 | 814 | -12.3% | 686 | 4.1% |
| FREIGHT MARKETS | FRC | 315 | 0 | - | 340 | -7.4% |
| FREIGHT MARKETS | FRS | 0 | 0 | - | 0 | - |
| FREIGHT MARKETS | T2D | 1,219 | 0 | - | 1,258 | -3.1% |
| FREIGHT MARKETS | TC6 | 0 | 0 | - | 60 | -100.0% |
| FREIGHT MARKETS | TD3 | 30 | 0 | - | 0 | - |
| FUEL OIL CRACK VS ICE | FO | 12,448 | 18,746 | -33.6% | 12,695 | -1.9% |
| FUEL OIL NWE CRACK VS ICE | FI | 171 | 0 | - | 171 | 0.0% |
| FUEL OIL (PLATS) CAR CM | 1W | 84 | 20 | 320.0% | 98 | -14.3% |
| FUEL OIL (PLATS) CAR CN | 1X | 105 | 0 | - | 57 | 84.2% |
| FUELOIL SWAP:CARGOES VS.B | FS | 779 | 1,123 | -30.6% | 730 | 6.7% |
| GAS EURO-BOB OXY NWE BARGES | 7H | 6,456 | 5,143 | 25.5% | 6,851 | -5.8% |
| GAS EURO-BOB OXY NWE BARGES CRK | 7K | 34,315 | 30,275 | 13.3% | 35,571 | -3.5% |
| GASOIL 0.1 BRGS FOB VS IC | 6V | 0 | 0 | - | 0 | - |
| GASOIL 0.1 CIF MED SWAP | Z4 | 0 | 0 | - | 0 | - |
| GASOIL 0.1CIF MED VS ICE | Z5 | 0 | 30 | -100.0% | 5 | -100.0% |
| GASOIL 0.1 CIF NWE VS ISE | TU | 0 | 0 | - | 0 | - |
| GASOIL 0.1 CIF VS ICE GAS | 8W | 0 | 0 | - | 0 | - |
| GASOIL 0.1 CRG CIF NW VS | 4V | 0 | 0 | - | 0 | - |
| GASOIL 0.1 RDAM BRGS VS I | WQ | 102 | 150 | -32.0% | 124 | -17.7% |
| GASOIL 0.1 ROTTERDAM BARG | VL | 220 | 30 | 633.3% | 380 | -42.1% |
| GASOIL 10P CRG CIF NW VS | 3V | 0 | 25 | -100.0% | 0 | - |
| GASOIL 10PPM CARGOES CIF | TY | 0 | 0 | - | 0 | - |
| GASOIL 10PPM VS ICE SWAP | TP | 285 | 826 | -65.5% | 332 | -14.2% |
| GASOIL BULLET SWAP | BG | 0 | 30 | -100.0% | 0 | - |
| GASOIL CALENDAR SWAP | GX | 30 | 61 | -50.8% | 32 | -6.3% |
| GASOIL CRACK SPREAD CALEN | GZ | 19,416 | 22,818 | -14.9% | 20,488 | -5.2% |
| GASOIL MINI CALENDAR SWAP | QA | 744 | 331 | 124.8% | 573 | 29.8% |
| GASOLINE UP-DOWN BALMO SW | 1K | 0 | 0 | - | 0 | - |
| GROUP THREE ULSD (PLATTS) | A7 | 132 | 150 | -12.0% | 155 | -14.8% |
| GROUP THREE UNLEAD GAS (P | A9 | 375 | 0 | - | 425 | -11.8% |
| GRP THREE ULSD(PLT)VS HEA | A6 | 9,176 | 10,279 | -10.7% | 10,335 | -11.2% |
| GRP THREE UNL GS (PLT) VS | A8 | 3,918 | 2,235 | 75.3% | 3,618 | 8.3% |
| GULF COAST 3% FUEL OIL BA | VZ | 1,671 | 735 | 127.3% | 919 | 81.8% |
| GULF COAST GASOLINE CLNDR | GS | 0 | 0 | - | 0 | - |
| GULF COAST JET FUEL CLNDR | GE | 864 | 949 | -9.0% | 905 | -4.5% |
| GULF COAST JET VS NYM 2 H | ME | 28,821 | 38,750 | -25.6% | 30,122 | -4.3% |
| GULF COAST NO.6 FUEL OIL | MF | 50,165 | 46,941 | 6.9% | 56,534 | -11.3% |
| GULF COAST NO.6 FUEL OIL | MG | 9,272 | 4,097 | 126.3% | 9,842 | -5.8% |
| GULF COAST ULSD CALENDAR | LY | 1,546 | 2,777 | -44.3% | 1,609 | -3.9% |
| GULF COAST ULSD CRACK SPR | GY | 895 | 2,780 | -67.8% | 945 | -5.3% |
| HEATING OIL BALMO CLNDR S | 1G | 0 | 100 | -100.0% | 167 | -100.0% |

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| HEATING OIL CRCK SPRD BAL | 1H | 0 | 0 | - | 0 | - |
| HEATING OIL PHY | HOL | 0 | 0 | 0.0% | 0 | 0.0% |
| HENRY HUB BASIS SWAP | HB | 1,348 | 20,745 | -93.5% | 2,836 | -52.5% |
| HENRY HUB FINANCIAL LAST | NBP | 0 | 24 | -100.0% | 6 | -100.0% |
| HENRY HUB FINANCIAL LAST | TTE | 21 | 3 | 600.0% | 6 | 250.0% |
| HENRY HUB INDEX SWAP FUTU | IN | 2,224 | 10,875 | -79.5% | 2,464 | -9.7% |
| HENRY HUB SWAP | NN | 1,106,868 | 1,265,165 | -12.5% | 1,087,984 | 1.7% |
| HENRY HUB SWING FUTURE | SN | 0 | 0 | - | 0 | - |
| HOUSTON SHIP CHANNEL BASI | NH | 13,895 | 21,894 | -36.5% | 14,453 | -3.9% |
| HOUSTON SHIP CHANNEL INDE | IP | 0 | 0 | - | 0 | - |
| HUSTN SHIP CHNL PIPE SWP | XJ | 0 | 719 | -100.0% | 0 | - |
| ICE BRENT DUBAI SWAP | DB | 49,382 | 46,008 | 7.3% | 46,975 | 5.1% |
| ICE GASOIL BALMO SWAP | U9 | 0 | 6 | -100.0% | 0 | - |
| IN DELIVERY MONTH EUA | 6T | 3,698 | 10,598 | -65.1% | 3,698 | 0.0% |
| INDIANA MISO | FAD | 16,520 | 25,960 | -36.4% | 18,480 | -10.6% |
| INDIANA MISO | FTD | 6,720 | 4,704 | 42.9% | 8,400 | -20.0% |
| INDIANA MISO | FTM | 0 | 0 | - | 0 | - |
| INDIANA MISO | PDD | 1,393 | 2,655 | -47.5% | 1,308 | 6.5% |
| INDIANA MISO | PDM | 0 | 0 | - | 0 | - |
| INDIANA MISO | PTD | 581 | 444 | 30.9% | 581 | 0.0% |
| INDIANA MISO | PTM | 0 | 0 | - | 0 | - |
| INDONESIAN COAL | MCC | 0 | 0 | - | 0 | - |
| INDONESIAN COAL ICI4 | ICI | 215 | 0 | - | 110 | 95.5% |
| ISO NEW ENGLAND OFF-PEAK | KI | 0 | 84 | -100.0% | 0 | - |
| ISO NEW ENGLAND PK LMP | NI | 0 | 102 | -100.0% | 0 | - |
| JAPAN C&F NAPHTHA CRACK S | JB | 256 | 1,931 | -86.7% | 616 | -58.4% |
| JAPAN C&F NAPHTHA SWAP | JA | 2,662 | 1,690 | 57.5% | 2,813 | -5.4% |
| JAPAN NAPHTHA BALMO SWAP | E6 | 185 | 90 | 105.6% | 23 | 704.3% |
| JET AV FUEL (P) CAR FM ICE GAS SWAP | 1V | 12 | 30 | -60.0% | 14 | -14.3% |
| JET BARGES VS ICE GASOIL | JR | 0 | 0 | - | 0 | - |
| JET CIF NWE VS ICE | JC | 552 | 560 | -1.4% | 472 | 16.9% |
| JET FUEL BRG FOB RDM VS I | 9Q | 0 | 0 | - | 0 | - |
| JET FUEL CRG CIF NEW VS I | 6X | 0 | 42 | -100.0% | 0 | - |
| JET FUEL UP-DOWN BALMO CL | 1M | 2,915 | 4,746 | -38.6% | 4,263 | -31.6% |
| LA CARB DIESEL (OPIS) | LX | 0 | 0 | - | 0 | - |
| LA CARB DIESEL (OPIS) SWA | KL | 900 | 200 | 350.0% | 625 | 44.0% |
| LA CARBOB GASOLINE(OPIS)S | JL | 150 | 325 | -53.8% | 575 | -73.9% |
| LA JET FUEL VS NYM NO 2 H | MQ | 0 | 0 | - | 0 | - |
| LA JET (OPIS) SWAP | JS | 2,085 | 2,365 | -11.8% | 2,395 | -12.9% |
| LLS (ARGUS) VS WTI SWAP | WJ | 35,012 | 19,931 | 75.7% | 36,195 | -3.3% |
| MARS (ARGUS) VS WTI SWAP | YX | 8,715 | 10,549 | -17.4% | 10,470 | -16.8% |
| MARS (ARGUS) VS WTI TRD M | YV | 17,981 | 16,349 | 10.0% | 21,543 | -16.5% |
| MARS BLEND CRUDE OIL | MB | 0 | 1,700 | -100.0% | 200 | -100.0% |
| MCCLOSKEY ARA ARGS COAL | MTF | 37,668 | 63,875 | -41.0% | 39,757 | -5.3% |
| MCCLOSKEY RCH BAY COAL | MFF | 5,316 | 9,509 | -44.1% | 4,997 | 6.4% |
| MGF FUT | MGF | 10 | 19 | -47.4% | 20 | -50.0% |
| MGN1 SWAP FUT | MGN | 447 | 584 | -23.5% | 454 | -1.5% |
| MICHCON NG INDEX SWAP | Y8 | 0 | 0 | - | 0 | - |
| MICHIGAN BASIS | NF | 3,359 | 8,235 | -59.2% | 3,582 | -6.2% |
| MICHIGAN MISO | HMO | 16,688 | 117,360 | -85.8% | 19,376 | -13.9% |
| MICHIGAN MISO | HMW | 889 | 7,440 | -88.1% | 1,036 | -14.2% |
| MINI GAS EUROBOB OXY NWE ARGS BALMO | MEB | 552 | 608 | -9.2% | 411 | 34.3% |
| MINI RBOB V. EBOBARG NWE BRGS BALMO | MXR | 815 | 402 | 102.7% | 446 | 82.7% |

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| Energy Futures | | | | | | |
| MINI RBOB V. EBOB(ARGUS) NWE BRGS | MXB | 3,215 | 4,165 | -22.8% | 2,760 | 16.5% |
| MJC FUT | MJC | 330 | 480 | -31.3% | 390 | -15.4% |
| MNC FUT | MNC | 4,963 | 4,859 | 2.1% | 5,111 | -2.9% |
| MONT BELVIEU ETHANE 5 DECIMAL | C0 | 44,621 | 75,607 | -41.0% | 45,725 | -2.4% |
| MONT BELVIEU ETHANE OPIS BALMO | 8C | 300 | 0 | - | 80 | 275.0% |
| MONT BELVIEU LDH PROPANE 5 DECIMAL | B0 | 124,863 | 109,148 | 14.4% | 127,318 | -1.9% |
| MONT BELVIEU LDH PROPANE OPIS BALMO | 8O | 2,422 | 1,090 | 122.2% | 1,816 | 33.4% |
| MONT BELVIEU NATURAL GASOLINE 5 DEC | 7Q | 19,064 | 9,563 | 99.4% | 19,938 | -4.4% |
| MONT BELVIEU NATURAL GASOLINE BALMO | R0 | 215 | 145 | 48.3% | 500 | -57.0% |
| MONT BELVIEU NORMAL BUTANE 5 DECIMAL | D0 | 47,792 | 42,090 | 13.5% | 44,431 | 7.6% |
| MONT BELVIEU NORMAL BUTANE BALMO | 8J | 2,259 | 275 | 721.5% | 682 | 231.2% |
| NAT GAS BASIS SWAP | TZ6 | 3,779 | 9,049 | -58.2% | 4,027 | -6.2% |
| NATURAL GAS | HBI | 0 | 0 | - | 0 | - |
| NATURAL GAS | XIC | 0 | 32 | -100.0% | 0 | - |
| NATURAL GAS FIXED PRICE SWAP FUTURES | CFS | 0 | 0 | - | 0 | - |
| NATURAL GAS FIXED PRICE SWAP FUTURES | DSF | 0 | 360 | -100.0% | 0 | - |
| NATURAL GAS FIXED PRICE SWAP FUTURES | MFS | 0 | 0 | - | 0 | - |
| NATURAL GAS FIXED PRICE SWAP FUTURES | PFS | 0 | 0 | - | 0 | - |
| NATURAL GAS FIXED PRICE SWAP FUTURES | WFS | 0 | 0 | - | 0 | - |
| NATURAL GAS FIXED PRICE SWAP FUTURES | ZTS | 0 | 0 | - | 0 | - |
| NATURAL GAS INDEX | TZI | 0 | 492 | -100.0% | 0 | - |
| NATURAL GAS PEN SWP | NP | 161,440 | 228,484 | -29.3% | 163,518 | -1.3% |
| NEPOOL CNCTCT 5MW D AH O | P3 | 0 | 2,401 | -100.0% | 0 | - |
| NEPOOL CONECTIC 5MW D AH | P2 | 0 | 126 | -100.0% | 0 | - |
| NEPOOL INTR HUB 5MW D AH | H2 | 459,909 | 587,977 | -21.8% | 471,941 | -2.5% |
| NEPOOL INTR HUB 5MW D AH | U6 | 28,869 | 42,259 | -31.7% | 30,226 | -4.5% |
| NEPOOL NE MASS 5MW D AH O | P8 | 14,040 | 0 | - | 14,040 | 0.0% |
| NEPOOL NE MASS 5MW D AH P | P7 | 765 | 0 | - | 765 | 0.0% |
| NEPOOL NEW HAMP 5MW D AH | U2 | 0 | 0 | - | 0 | - |
| NEPOOL NEW HAMP 5MW D AH | U3 | 0 | 0 | - | 0 | - |
| NEPOOL RHD ISLD 5MW D AH | U4 | 0 | 630 | -100.0% | 0 | - |
| NEPOOL RHODE IL 5MW D AH | U5 | 0 | 12,005 | -100.0% | 0 | - |
| NEPOOL SE MASS 5MW D AH O | P5 | 0 | 0 | - | 0 | - |
| NEPOOL SE MASS 5MW D AH P | P4 | 0 | 0 | - | 0 | - |
| NEPOOL W CNT MASS 5MW D A | L9 | 0 | 4,802 | -100.0% | 0 | - |
| NEPOOL W CNTR M 5MW D AH | R6 | 0 | 252 | -100.0% | 0 | - |
| NEW ENGLAND HUB PEAK DAIL | CE | 2,006 | 2,236 | -10.3% | 1,888 | 6.3% |
| NEW YORK ETHANOL SWAP | EZ | 1,855 | 1,510 | 22.8% | 2,000 | -7.3% |
| NEW YORK HUB ZONE G PEAK | GN | 2,958 | 3,463 | -14.6% | 2,619 | 12.9% |
| NEW YORK HUB ZONE J PEAK | JN | 1,360 | 2,210 | -38.5% | 1,170 | 16.2% |
| NGPL MID-CONTINENT | NL | 16,961 | 26,844 | -36.8% | 17,922 | -5.4% |
| NGPL MIDCONTINENT INDEX | IW | 0 | 0 | - | 0 | - |
| NGPL MIDCONTINENT SWING S | PX | 0 | 0 | - | 0 | - |
| NGPL TEX/OK | PD | 20,888 | 28,980 | -27.9% | 23,509 | -11.1% |
| NGPL TEXOK INDEX | OI | 0 | 0 | - | 0 | - |
| N ILLINOIS HUB DAILY | UD | 178 | 294 | -39.5% | 178 | 0.0% |
| N ILLINOIS HUB MTHLY | UM | 0 | 120 | -100.0% | 0 | - |
| NO 2 UP-DOWN SPREAD CALEN | UT | 195 | 1,890 | -89.7% | 463 | -57.9% |
| NORTHERN NATURAL GAS DEMAR | PE | 836 | 2,470 | -66.2% | 968 | -13.6% |
| NORTHERN NATURAL GAS VENTU | PF | 1,420 | 3,012 | -52.9% | 1,432 | -0.8% |
| NORTHERN ILLINOIS OFF-PEA | UO | 0 | 0 | - | 0 | - |
| NORTHWEST ROCKIES BASIS S | NR | 25,910 | 53,078 | -51.2% | 27,925 | -7.2% |
| N ROCKIES PIPE SWAP | XR | 0 | 334 | -100.0% | 0 | - |

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| Energy Futures | | | | | | |
| NY1% VS GC SPREAD SWAP | VR | 5,113 | 4,807 | 6.4% | 4,159 | 22.9% |
| NY 2.2% FUEL OIL (PLATTS | Y3 | 0 | 0 | - | 0 | - |
| NY 3.0% FUEL OIL (PLATTS | H1 | 300 | 575 | -47.8% | 175 | 71.4% |
| NY HARBOR 1% FUEL OIL BAL | VK | 0 | 0 | - | 0 | - |
| NY HARBOR HEAT OIL SWP | MP | 8,256 | 11,633 | -29.0% | 7,356 | 12.2% |
| NY HARBOR LOW SULPUR GAS 1000MBBL | NLS | 300 | 910 | -67.0% | 515 | -41.7% |
| NY HARBOR RESIDUAL FUEL 1 | MM | 2,212 | 3,390 | -34.7% | 2,115 | 4.6% |
| NYH NO 2 CRACK SPREAD CAL | HK | 4,788 | 7,180 | -33.3% | 4,753 | 0.7% |
| NY H OIL PLATTS VS NYMEX | YH | 0 | 0 | - | 0 | - |
| NYISO A | KA | 0 | 0 | - | 0 | - |
| NYISO A OFF-PEAK | KB | 0 | 0 | - | 0 | - |
| NYISO CAPACITY | LHV | 327 | 333 | -1.8% | 314 | 4.1% |
| NYISO CAPACITY | NNC | 630 | 1,198 | -47.4% | 678 | -7.1% |
| NYISO CAPACITY | NRS | 1,045 | 1,583 | -34.0% | 1,250 | -16.4% |
| NYISO G | KG | 0 | 0 | - | 0 | - |
| NYISO G OFF-PEAK | KH | 0 | 0 | - | 0 | - |
| NYISO J | KJ | 0 | 931 | -100.0% | 0 | - |
| NYISO J OFF-PEAK | KK | 0 | 180 | -100.0% | 0 | - |
| NYISO ZONE A 5MW D AH O P | K4 | 31,774 | 122,910 | -74.1% | 37,038 | -14.2% |
| NYISO ZONE A 5MW D AH PK | K3 | 4,554 | 9,530 | -52.2% | 4,968 | -8.3% |
| NYISO ZONE C 5MW D AH O P | A3 | 0 | 0 | - | 0 | - |
| NYISO ZONE C 5MW D AH PK | Q5 | 0 | 0 | - | 0 | - |
| NYISO ZONE G 5MW D AH O P | D2 | 639,262 | 502,461 | 27.2% | 660,694 | -3.2% |
| NYISO ZONE G 5MW D AH PK | T3 | 28,260 | 24,626 | 14.8% | 30,261 | -6.6% |
| NYISO ZONE J 5MW D AH O P | D4 | 194,441 | 279,421 | -30.4% | 203,841 | -4.6% |
| NYISO ZONE J 5MW D AH PK | D3 | 13,901 | 15,254 | -8.9% | 14,821 | -6.2% |
| NY JET FUEL (PLATTS) HEAT OIL SWAP | 1U | 0 | 0 | - | 0 | - |
| NYMEX ALUMINUM FUTURES | AN | 612 | 680 | -10.0% | 576 | 6.2% |
| NYMEX ULSD VS NYMEX HO | UY | 0 | 0 | - | 0 | - |
| NY ULSD (ARGUS) VS HEATING OIL | 7Y | 316 | 1,207 | -73.8% | 272 | 16.2% |
| ONEOK OKLAHOMA NG BASIS | 8X | 306 | 1,011 | -69.7% | 368 | -16.8% |
| ONTARIO POWER SWAPS | OFD | 0 | 960 | -100.0% | 0 | - |
| ONTARIO POWER SWAPS | OFM | 0 | 19,770 | -100.0% | 0 | - |
| ONTARIO POWER SWAPS | OPD | 0 | 55 | -100.0% | 0 | - |
| ONTARIO POWER SWAPS | OPM | 0 | 530 | -100.0% | 0 | - |
| PANHANDLE BASIS SWAP FUTU | PH | 8,418 | 24,856 | -66.1% | 9,171 | -8.2% |
| PANHANDLE INDEX SWAP FUTU | IV | 0 | 0 | - | 0 | - |
| PANHANDLE PIPE SWAP | XH | 985 | 792 | 24.4% | 1,182 | -16.7% |
| PERMIAN BASIS SWAP | PM | 6,588 | 14,114 | -53.3% | 7,022 | -6.2% |
| PETROCHEMICALS | 22 | 138 | 38 | 263.2% | 72 | 91.7% |
| PETROCHEMICALS | 32 | 61 | 62 | -1.6% | 76 | -19.7% |
| PETROCHEMICALS | 51 | 3 | 0 | - | 23 | -87.0% |
| PETROCHEMICALS | 8I | 6,040 | 3,831 | 57.7% | 5,962 | 1.3% |
| PETROCHEMICALS | 9I | 649 | 492 | 31.9% | 694 | -6.5% |
| PETROCHEMICALS | HPE | 0 | 0 | - | 0 | - |
| PETROCHEMICALS | JKM | 2,660 | 0 | - | 2,080 | 27.9% |
| PETROCHEMICALS | LPE | 0 | 0 | - | 0 | - |
| PETROCHEMICALS | MAA | 0 | 0 | - | 0 | - |
| PETROCHEMICALS | MAC | 0 | 0 | - | 0 | - |
| PETROCHEMICALS | MAE | 368 | 50 | 636.0% | 320 | 15.0% |
| PETROCHEMICALS | MAS | 176 | 30 | 486.7% | 146 | 20.5% |
| PETROCHEMICALS | MBE | 795 | 1,210 | -34.3% | 830 | -4.2% |
| PETROCHEMICALS | MNB | 4,310 | 3,142 | 37.2% | 4,296 | 0.3% |

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| Energy Futures | | | | | | |
| PETROCHEMICALS | MPS | 320 | 0 | - | 330 | -3.0% |
| PETRO CRCKS & SPRDS ASIA | JNC | 0 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS ASIA | STI | 0 | 32 | -100.0% | 0 | - |
| PETRO CRCKS & SPRDS ASIA | STR | 0 | 0 | - | 100 | -100.0% |
| PETRO CRCKS & SPRDS ASIA | STS | 886 | 1,310 | -32.4% | 1,001 | -11.5% |
| PETRO CRCKS & SPRDS NA | CRB | 5,380 | 293 | 1,736.2% | 4,980 | 8.0% |
| PETRO CRCKS & SPRDS NA | EXR | 3,706 | 1,761 | 110.4% | 3,986 | -7.0% |
| PETRO CRCKS & SPRDS NA | FOC | 550 | 1,978 | -72.2% | 575 | -4.3% |
| PETRO CRCKS & SPRDS NA | GBB | 1,520 | 985 | 54.3% | 1,295 | 17.4% |
| PETRO CRCKS & SPRDS NA | GCC | 390 | 0 | - | 565 | -31.0% |
| PETRO CRCKS & SPRDS NA | GCI | 3,233 | 3,871 | -16.5% | 2,602 | 24.3% |
| PETRO CRCKS & SPRDS NA | GCM | 21 | 42 | -50.0% | 21 | 0.0% |
| PETRO CRCKS & SPRDS NA | GCU | 31,705 | 18,140 | 74.8% | 38,670 | -18.0% |
| PETRO CRCKS & SPRDS NA | GFC | 15 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS NA | HOB | 5,570 | 17,297 | -67.8% | 6,321 | -11.9% |
| PETRO CRCKS & SPRDS NA | KSD | 0 | 75 | -100.0% | 0 | - |
| PETRO CRCKS & SPRDS NA | MFR | 0 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS NA | NFG | 0 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS NA | NYF | 0 | 525 | -100.0% | 0 | - |
| PETRO CRCKS & SPRDS NA | NYH | 0 | 0 | - | 0 | - |
| PETRO CRCKS & SPRDS NA | RBB | 14,503 | 14,749 | -1.7% | 16,281 | -10.9% |
| PETRO CRCKS & SPRDS NA | RVG | 22,099 | 15,770 | 40.1% | 28,516 | -22.5% |
| PETRO CRCKS & SPRDS NA | SF3 | 45 | 9 | 400.0% | 75 | -40.0% |
| PETRO CRK&SPRD EURO | 1NB | 3,804 | 2,931 | 29.8% | 4,252 | -10.5% |
| PETRO CRK&SPRD EURO | 1ND | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | 43 | 410 | 224 | 83.0% | 354 | 15.8% |
| PETRO CRK&SPRD EURO | BFR | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | BOB | 4,603 | 5,036 | -8.6% | 4,802 | -4.1% |
| PETRO CRK&SPRD EURO | EGB | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | EGN | 0 | 18 | -100.0% | 0 | - |
| PETRO CRK&SPRD EURO | EOB | 70 | 39 | 79.5% | 93 | -24.7% |
| PETRO CRK&SPRD EURO | EPN | 1,449 | 607 | 138.7% | 1,460 | -0.8% |
| PETRO CRK&SPRD EURO | EVC | 6,280 | 6,011 | 4.5% | 7,049 | -10.9% |
| PETRO CRK&SPRD EURO | FBT | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | FVB | 30 | 0 | - | 30 | 0.0% |
| PETRO CRK&SPRD EURO | GCB | 0 | 0 | - | 150 | -100.0% |
| PETRO CRK&SPRD EURO | GOC | 24 | 78 | -69.2% | 39 | -38.5% |
| PETRO CRK&SPRD EURO | MGB | 0 | 0 | - | 0 | - |
| PETRO CRK&SPRD EURO | MUD | 154 | 299 | -48.5% | 169 | -8.9% |
| PETRO CRK&SPRD EURO | NBB | 10 | 5 | 100.0% | 20 | -50.0% |
| PETRO CRK&SPRD EURO | NOB | 2,195 | 1,416 | 55.0% | 1,958 | 12.1% |
| PETRO CRK&SPRD EURO | SFB | 15 | 0 | - | 80 | -81.3% |
| PETROLEUM PRODUCTS | D46 | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | EWB | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | EWG | 4,794 | 3,326 | 44.1% | 7,691 | -37.7% |
| PETROLEUM PRODUCTS | MBS | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | MGS | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | MHE | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | MME | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | MPE | 0 | 0 | - | 0 | - |
| PETROLEUM PRODUCTS | VU | 66 | 233 | -71.7% | 75 | -12.0% |
| PETROLEUM PRODUCTS ASIA | E6M | 130 | 30 | 333.3% | 20 | 550.0% |
| PETROLEUM PRODUCTS ASIA | MJN | 2,336 | 2,398 | -2.6% | 2,529 | -7.6% |

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| Energy Futures | | | | | | |
| PETROLEUM PRODUCTS ASIA | MSB | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | 0B | 34 | 105 | -67.6% | 14 | 142.9% |
| PETRO OUTRIGHT EURO | 0C | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | 0D | 5,059 | 6,814 | -25.8% | 5,569 | -9.2% |
| PETRO OUTRIGHT EURO | 0E | 25 | 265 | -90.6% | 10 | 150.0% |
| PETRO OUTRIGHT EURO | 0F | 936 | 1,747 | -46.4% | 1,221 | -23.3% |
| PETRO OUTRIGHT EURO | 1T | 24 | 48 | -50.0% | 24 | 0.0% |
| PETRO OUTRIGHT EURO | 33 | 0 | 72 | -100.0% | 0 | - |
| PETRO OUTRIGHT EURO | 5L | 10 | 0 | - | 70 | -85.7% |
| PETRO OUTRIGHT EURO | 63 | 25 | 35 | -28.6% | 35 | -28.6% |
| PETRO OUTRIGHT EURO | 6L | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | 7I | 120 | 203 | -40.9% | 0 | - |
| PETRO OUTRIGHT EURO | 7R | 230 | 311 | -26.0% | 153 | 50.3% |
| PETRO OUTRIGHT EURO | 88 | 0 | 5 | -100.0% | 10 | -100.0% |
| PETRO OUTRIGHT EURO | CBB | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | CGB | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | CPB | 10 | 44 | -77.3% | 16 | -37.5% |
| PETRO OUTRIGHT EURO | EFF | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | EFM | 0 | 59 | -100.0% | 0 | - |
| PETRO OUTRIGHT EURO | ENS | 120 | 85 | 41.2% | 150 | -20.0% |
| PETRO OUTRIGHT EURO | ESB | 0 | 63 | -100.0% | 0 | - |
| PETRO OUTRIGHT EURO | EWN | 1,292 | 1,108 | 16.6% | 1,229 | 5.1% |
| PETRO OUTRIGHT EURO | FBD | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | MBB | 10 | 100 | -90.0% | 0 | - |
| PETRO OUTRIGHT EURO | MBN | 4,307 | 3,711 | 16.1% | 4,727 | -8.9% |
| PETRO OUTRIGHT EURO | SMU | 78 | 0 | - | 128 | -39.1% |
| PETRO OUTRIGHT EURO | T0 | 63 | 463 | -86.4% | 70 | -10.0% |
| PETRO OUTRIGHT EURO | ULB | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | V0 | 480 | 150 | 220.0% | 480 | 0.0% |
| PETRO OUTRIGHT EURO | W0 | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT EURO | X0 | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | FCB | 38 | 496 | -92.3% | 0 | - |
| PETRO OUTRIGHT NA | FOM | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | GBA | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | GUD | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | JE | 180 | 420 | -57.1% | 215 | -16.3% |
| PETRO OUTRIGHT NA | JET | 2,450 | 3,369 | -27.3% | 2,275 | 7.7% |
| PETRO OUTRIGHT NA | JTB | 625 | 550 | 13.6% | 625 | 0.0% |
| PETRO OUTRIGHT NA | MBL | 34 | 128 | -73.4% | 36 | -5.6% |
| PETRO OUTRIGHT NA | MEN | 444 | 290 | 53.1% | 785 | -43.4% |
| PETRO OUTRIGHT NA | MEO | 4,913 | 6,156 | -20.2% | 5,142 | -4.5% |
| PETRO OUTRIGHT NA | MFD | 35 | 74 | -52.7% | 70 | -50.0% |
| PETRO OUTRIGHT NA | MMF | 64 | 95 | -32.6% | 74 | -13.5% |
| PETRO OUTRIGHT NA | NYT | 0 | 0 | - | 0 | - |
| PETRO OUTRIGHT NA | XER | 0 | 0 | - | 0 | - |
| PJM AD HUB 5MW REAL TIME | V3 | 259,162 | 537,818 | -51.8% | 271,402 | -4.5% |
| PJM AD HUB 5MW REAL TIME | Z9 | 21,844 | 28,771 | -24.1% | 17,565 | 24.4% |
| PJM AECO DA OFF-PEAK | X1 | 0 | 0 | - | 0 | - |
| PJM AECO DA PEAK | Y1 | 0 | 0 | - | 0 | - |
| PJM APS ZONE DA OFF-PEAK | W4 | 0 | 0 | - | 0 | - |
| PJM APS ZONE DA PEAK | S4 | 0 | 0 | - | 0 | - |
| PJM ATSI ELEC | MOD | 0 | 67,130 | -100.0% | 0 | - |
| PJM ATSI ELEC | MPD | 0 | 3,590 | -100.0% | 0 | - |

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| Energy Futures | | | | | | |
| PJM BGE DA OFF-PEAK | R3 | 4,770 | 30,920 | -84.6% | 5,538 | -13.9% |
| PJM BGE DA PEAK | E3 | 254 | 1,675 | -84.8% | 296 | -14.2% |
| PJM COMED 5MW D AH O PK | D9 | 11,925 | 35,405 | -66.3% | 13,845 | -13.9% |
| PJM COMED 5MW D AH PK | D8 | 635 | 1,905 | -66.7% | 740 | -14.2% |
| PJM DAILY | JD | 990 | 946 | 4.7% | 728 | 36.0% |
| PJM DAYTON DA OFF-PEAK | R7 | 82,928 | 172,428 | -51.9% | 85,936 | -3.5% |
| PJM DAYTON DA PEAK | D7 | 7,195 | 13,743 | -47.6% | 7,770 | -7.4% |
| PJM JCPL DA OFF-PEAK | F2 | 0 | 0 | - | 0 | - |
| PJM JCPL DA PEAK | J2 | 0 | 0 | - | 0 | - |
| PJM NI HUB 5MW REAL TIME | B3 | 19,364 | 46,126 | -58.0% | 21,233 | -8.8% |
| PJM NI HUB 5MW REAL TIME | B6 | 353,838 | 1,147,848 | -69.2% | 408,510 | -13.4% |
| PJM NILL DA OFF-PEAK | L3 | 233,974 | 1,012,349 | -76.9% | 251,646 | -7.0% |
| PJM NILL DA PEAK | N3 | 14,491 | 48,012 | -69.8% | 15,756 | -8.0% |
| PJM OFF-PEAK LMP SWAP FUT | JP | 244 | 748 | -67.4% | 286 | -14.7% |
| PJM PECO ZONE5MW PEAK CAL MO DAY AH | 4N | 0 | 0 | - | 0 | - |
| PJM PPL DA OFF-PEAK | F5 | 0 | 0 | - | 0 | - |
| PJM PPL DA PEAK | L5 | 0 | 0 | - | 0 | - |
| PJM PSEG DA OFF-PEAK | W6 | 21,480 | 109,640 | -80.4% | 23,400 | -8.2% |
| PJM PSEG DA PEAK | L6 | 0 | 4,660 | -100.0% | 0 | - |
| PJM WES HUB PEAK LMP 50 M | 4S | 0 | 0 | - | 0 | - |
| PJM WESTH DA OFF-PEAK | E4 | 273,371 | 629,502 | -56.6% | 291,043 | -6.1% |
| PJM WESTHDA PEAK | J4 | 14,695 | 35,248 | -58.3% | 15,776 | -6.9% |
| PJM WESTH RT OFF-PEAK | N9 | 1,345,230 | 2,506,248 | -46.3% | 1,447,230 | -7.0% |
| PJM WESTH RT PEAK | L1 | 87,111 | 141,417 | -38.4% | 97,198 | -10.4% |
| PLASTICS | PGP | 715 | 1,392 | -48.6% | 722 | -1.0% |
| PREMIUM UNLD 10P FOB MED | 3G | 426 | 67 | 535.8% | 450 | -5.3% |
| PREMIUM UNLEAD 10PPM FOB | 8G | 31 | 32 | -3.1% | 75 | -58.7% |
| PREM UNL GAS 10PPM RDAM FOB BALMO | 7N | 0 | 0 | - | 0 | - |
| PREM UNL GAS 10PPM RDAM FOB SWAP | 7L | 30 | 0 | - | 54 | -44.4% |
| PROPANE NON-LDH MB (OPIS) BALMO SWP | 1S | 473 | 100 | 373.0% | 525 | -9.9% |
| PROPANE NON-LDH MT. BEL (OPIS) SWP | 1R | 52,624 | 23,482 | 124.1% | 51,360 | 2.5% |
| RBOB CALENDAR SWAP | RL | 18,636 | 12,558 | 48.4% | 14,413 | 29.3% |
| RBOB CRACK SPREAD | RM | 6,399 | 1,610 | 297.5% | 6,599 | -3.0% |
| RBOB CRACK SPREAD BALMO S | 1E | 0 | 0 | - | 0 | - |
| RBOB GASOLINE BALMO CLNDR | 1D | 374 | 785 | -52.4% | 1,005 | -62.8% |
| RBOB PHY | RBL | 0 | 0 | 0.0% | 0 | 0.0% |
| RBOB (PLATTS) CAL SWAP | RY | 0 | 0 | - | 0 | - |
| RBOB SPREAD (PLATTS) SWAP | RI | 0 | 16 | -100.0% | 0 | - |
| RBOB UP-DOWN CALENDAR SWA | RV | 0 | 0 | - | 0 | - |
| RBOB VS HEATING OIL SWAP | RH | 930 | 3,684 | -74.8% | 1,240 | -25.0% |
| ROCKIES KERN OPAL - NW IN | IR | 0 | 0 | - | 0 | - |
| SAN JUAN BASIS SWAP | NJ | 12,945 | 26,340 | -50.9% | 13,972 | -7.4% |
| SAN JUAN PIPE SWAP | XX | 360 | 0 | - | 360 | 0.0% |
| SINGAPORE 180CST BALMO | BS | 45 | 50 | -10.0% | 40 | 12.5% |
| SINGAPORE 380CST BALMO | BT | 323 | 146 | 121.2% | 200 | 61.5% |
| SINGAPORE 380CST FUEL OIL | SE | 12,908 | 11,217 | 15.1% | 13,574 | -4.9% |
| SINGAPORE FUEL 180CST CAL | UA | 1,213 | 1,801 | -32.6% | 1,592 | -23.8% |
| SINGAPORE FUEL OIL SPREAD | SD | 1,229 | 1,516 | -18.9% | 1,452 | -15.4% |
| SINGAPORE GASOIL | MTB | 46 | 270 | -83.0% | 15 | 206.7% |
| SINGAPORE GASOIL | MTS | 7,418 | 9,927 | -25.3% | 7,658 | -3.1% |
| SINGAPORE GASOIL | STL | 0 | 0 | - | 0 | - |
| SINGAPORE GASOIL | STZ | 2,550 | 700 | 264.3% | 2,975 | -14.3% |
| SINGAPORE GASOIL CALENDAR | GDH | 0 | 0 | - | 0 | - |

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| Energy Futures | | | | | | |
| SINGAPORE GASOIL CALENDAR | GDL | 0 | 0 | - | 0 | - |
| SINGAPORE GASOIL CALENDAR | GHS | 0 | 0 | - | 0 | - |
| SINGAPORE GASOIL CALENDAR | MGO | 0 | 0 | - | 0 | - |
| SINGAPORE GASOIL CALENDAR | MSG | 30 | 312 | -90.4% | 120 | -75.0% |
| SINGAPORE GASOIL CALENDAR | SGG | 0 | 0 | - | 0 | - |
| SINGAPORE GASOIL SWAP | SG | 7,910 | 18,477 | -57.2% | 7,785 | 1.6% |
| SINGAPORE GASOIL VS ICE | GA | 45,861 | 15,594 | 194.1% | 45,890 | -0.1% |
| SINGAPORE JET KERO BALMO | BX | 0 | 100 | -100.0% | 50 | -100.0% |
| SINGAPORE JET KERO GASOIL | RK | 11,710 | 5,515 | 112.3% | 10,640 | 10.1% |
| SINGAPORE JET KEROSENE SW | KS | 2,520 | 3,568 | -29.4% | 2,795 | -9.8% |
| SINGAPORE JET KERO VS. GASOIL BALMO | Z0 | 0 | 0 | - | 0 | - |
| SINGAPORE MOGAS 92 UNLEADED BALMO | 1P | 570 | 57 | 900.0% | 200 | 185.0% |
| SINGAPORE MOGAS 92 UNLEADED SWP | 1N | 15,107 | 11,269 | 34.1% | 16,192 | -6.7% |
| SINGAPORE NAPHTHA BALMO | KU | 0 | 0 | - | 0 | - |
| SINGAPORE NAPHTHA SWAP | SP | 0 | 0 | - | 0 | - |
| SING FUEL | MSD | 15 | 0 | - | 15 | 0.0% |
| SOCAL PIPE SWAP | XN | 0 | 0 | - | 0 | - |
| SONAT BASIS SWAP FUTURE | SZ | 0 | 306 | -100.0% | 0 | - |
| SOUTHERN NAT LA NAT GAS | M8 | 0 | 0 | - | 0 | - |
| SOUTH STAR TEX OKLHM KNS | 8Z | 50 | 200 | -75.0% | 60 | -16.7% |
| Sumas Basis Swap | NK | 3,860 | 8,299 | -53.5% | 4,139 | -6.7% |
| SUMAS NAT GAS PLATTS FIXED PRICE | DVS | 0 | 306 | -100.0% | 0 | - |
| TC2 ROTTERDAM TO USAC 37K | TM | 180 | 0 | - | 247 | -27.1% |
| TC5 RAS TANURA TO YOKOHAM | TH | 0 | 0 | - | 25 | -100.0% |
| TCO BASIS SWAP | TC | 6,157 | 19,818 | -68.9% | 6,591 | -6.6% |
| TCO NG INDEX SWAP | Q1 | 0 | 0 | - | 0 | - |
| TD3 MEG TO JAPAN 250K MT | TL | 3,250 | 0 | - | 2,849 | 14.1% |
| TENN 800 LEG NAT GAS INDE | L4 | 0 | 0 | - | 0 | - |
| TENNESSEE 500 LEG BASIS S | NM | 0 | 184 | -100.0% | 0 | - |
| TENNESSEE 800 LEG NG BASI | 6Z | 0 | 184 | -100.0% | 0 | - |
| TENNESSEE ZONE 0 BASIS SW | NQ | 0 | 788 | -100.0% | 0 | - |
| TETCO M-3 INDEX | IX | 0 | 3,444 | -100.0% | 0 | - |
| Tetco STX Basis | TX | 306 | 1,189 | -74.3% | 368 | -16.8% |
| TEXAS EASTERN ZONE M-3 BA | NX | 3,833 | 13,030 | -70.6% | 4,143 | -7.5% |
| TEXAS GAS ZONE1 NG BASIS | 9F | 2,404 | 9,176 | -73.8% | 2,888 | -16.8% |
| Transco Zone 3 Basis | CZ | 1,377 | 5,270 | -73.9% | 1,656 | -16.8% |
| TRANSCO ZONE 3 NG INDEX S | Y6 | 0 | 4,182 | -100.0% | 0 | - |
| TRANSCO ZONE4 BASIS SWAP | TR | 5,039 | 15,535 | -67.6% | 5,442 | -7.4% |
| TRANSCO ZONE 4 NAT GAS IN | B2 | 0 | 0 | - | 0 | - |
| TRANSCO ZONE 6 BASIS SWAP | NZ | 1,130 | 5,073 | -77.7% | 1,409 | -19.8% |
| TRANSCO ZONE 6 INDEX | IT | 0 | 984 | -100.0% | 0 | - |
| UCM FUT | UCM | 10 | 174 | -94.3% | 0 | - |
| ULSD 10PPM CIF MED BALMO | X7 | 0 | 0 | - | 0 | - |
| ULSD 10PPM CIF MED SWAP | Z6 | 0 | 0 | - | 0 | - |
| ULSD 10PPM CIF MED VS ICE | Z7 | 0 | 60 | -100.0% | 8 | -100.0% |
| ULSD 10PPM CIF NW BALMO S | B1 | 0 | 6 | -100.0% | 0 | - |
| ULSD 10PPM CIF VS ICE GAS | 7V | 0 | 0 | - | 0 | - |
| ULSD UP-DOWN BALMO SWP | 1L | 3,980 | 2,525 | 57.6% | 4,390 | -9.3% |
| UP DOWN GC ULSD VS NMX HO | LT | 38,816 | 52,234 | -25.7% | 43,493 | -10.8% |
| USGC UNL 87 CRACK SPREAD | RU | 0 | 0 | - | 0 | - |
| WAHA BASIS | NW | 3,950 | 7,779 | -49.2% | 4,271 | -7.5% |
| WAHA INDEX SWAP FUTURE | IY | 0 | 0 | - | 0 | - |
| WESTERN RAIL DELIVERY PRB | QP | 175 | 525 | -66.7% | 290 | -39.7% |

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| Energy Futures | | | | | | |
| WTI-BRENT BULLET SWAP | BY | 6,704 | 904 | 641.6% | 7,054 | -5.0% |
| WTI-BRENT CALENDAR SWAP | BK | 122,393 | 39,124 | 212.8% | 129,674 | -5.6% |
| WTI CALENDAR | CS | 177,213 | 122,858 | 44.2% | 178,756 | -0.9% |
| WTS (ARGUS) VS WTI SWAP | FF | 59,822 | 49,383 | 21.1% | 58,863 | 1.6% |
| WTS (ARGUS) VS WTI TRD MT | FH | 4,608 | 2,084 | 121.1% | 3,528 | 30.6% |
| Energy Options | | | | | | |
| 12 MO GASOIL CAL SWAP SPR | GXZ | 0 | 230 | -100.0% | 0 | - |
| 1 MO GASOIL CAL SWAP SPR | GXA | 0 | 0 | - | 0 | - |
| BRENT 1 MONTH CAL | AA | 0 | 0 | - | 1,000 | -100.0% |
| BRENT CALENDAR SWAP | BA | 6,460 | 10,460 | -38.2% | 6,191 | 4.3% |
| BRENT CRUDE OIL 12 M CSO | 9Y | 0 | 0 | - | 0 | - |
| BRENT CRUDE OIL 1 M CSO | 9C | 118,556 | 0 | - | 157,658 | -24.8% |
| BRENT CRUDE OIL 6 M CSO | 9L | 0 | 0 | - | 0 | - |
| BRENT OIL LAST DAY | BE | 107,197 | 9,514 | 1,026.7% | 104,533 | 2.5% |
| BRENT OIL LAST DAY | BZO | 169,772 | 56,706 | 199.4% | 200,573 | -15.4% |
| BRENT OIL LAST DAY | OS | 1,122 | 21,324 | -94.7% | 1,122 | 0.0% |
| COAL API2 INDEX | CLA | 3,215 | 5,443 | -40.9% | 2,935 | 9.5% |
| COAL API2 INDEX | CQA | 1,660 | 20 | 8,200.0% | 1,610 | 3.1% |
| COAL API2 INDEX | MTC | 0 | 0 | - | 0 | - |
| COAL API4 INDEX | RLA | 25 | 0 | - | 25 | 0.0% |
| COAL API4 INDEX | RQA | 0 | 0 | - | 0 | - |
| COAL SWAP | CPF | 10 | 0 | - | 10 | 0.0% |
| COAL SWAP | RPF | 125 | 335 | -62.7% | 125 | 0.0% |
| CRUDE OIL 1MO | WA | 442,700 | 665,923 | -33.5% | 470,050 | -5.8% |
| CRUDE OIL APO | AO | 416,857 | 293,611 | 42.0% | 454,774 | -8.3% |
| CRUDE OIL CALNDR STRIP | 6F | 170 | 0 | - | 170 | 0.0% |
| CRUDE OIL OUTRIGHTS | AH | 0 | 150 | -100.0% | 50 | -100.0% |
| CRUDE OIL OUTRIGHTS | DBP | 0 | 0 | - | 0 | - |
| CRUDE OIL OUTRIGHTS | WCI | 2,680 | 0 | - | 3,350 | -20.0% |
| CRUDE OIL PHY | CD | 0 | 0 | - | 0 | - |
| CRUDE OIL PHY | LC | 40,457 | 57,096 | -29.1% | 42,705 | -5.3% |
| CRUDE OIL PHY | LO | 2,979,076 | 2,996,573 | -0.6% | 2,894,816 | 2.9% |
| CRUDE OIL PHY | LO1 | 4,989 | 4,637 | 7.6% | 2,917 | 71.0% |
| CRUDE OIL PHY | LO2 | 826 | 766 | 7.8% | 425 | 94.4% |
| CRUDE OIL PHY | LO3 | 1,133 | 15 | 7,453.3% | 251 | 351.4% |
| CRUDE OIL PHY | LO4 | 0 | 10 | -100.0% | 0 | - |
| CRUDE OIL PHY | LO5 | 0 | 0 | - | 0 | 0.0% |
| ELEC FINSETTLED | PML | 0 | 0 | - | 0 | - |
| ELEC MISO PEAK | 9T | 0 | 0 | - | 0 | - |
| ETHANOL | CE1 | 0 | 0 | - | 0 | - |
| ETHANOL | CE3 | 150 | 300 | -50.0% | 150 | 0.0% |
| ETHANOL SWAP | CVR | 11,133 | 10,346 | 7.6% | 14,379 | -22.6% |
| ETHANOL SWAP | GVR | 2,496 | 2,204 | 13.2% | 2,606 | -4.2% |
| EURO-DENOMINATED PETRO PROD | NWE | 0 | 0 | - | 0 | - |
| EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC | 30 | 0 | 0 | - | 0 | - |
| GASOLINE | GCE | 0 | 0 | - | 0 | - |
| HEATING OIL CRACK OPTIONS | CH | 0 | 100 | -100.0% | 0 | - |
| HEATING OIL CRK SPD AVG PRICE OPTIONS | 3W | 0 | 0 | - | 0 | - |
| HEATING OIL PHY | LB | 400 | 1,040 | -61.5% | 440 | -9.1% |
| HEATING OIL PHY | OH | 42,576 | 57,014 | -25.3% | 40,131 | 6.1% |
| HENRY HUB FINANCIAL LAST | E7 | 5,578 | 8,706 | -35.9% | 5,406 | 3.2% |
| HO 1 MONTH CLNDR OPTIONS | FA | 0 | 0 | - | 0 | - |

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| Energy Options | | | | | | |
| HUSTN SHIP CHNL PIPE SWP | PK | 0 | 0 | - | 0 | - |
| LLS CRUDE OIL | WJO | 1,500 | 7,375 | -79.7% | 1,800 | -16.7% |
| LLS CRUDE OIL | YVO | 0 | 0 | - | 0 | - |
| MCCLOSKEY ARA ARGS COAL | MT0 | 225 | 1,305 | -82.8% | 375 | -40.0% |
| MCCLOSKEY RCH BAY COAL | MFO | 430 | 0 | - | 1,150 | -62.6% |
| NATURAL GAS | G10 | 0 | 0 | - | 0 | - |
| NATURAL GAS 1 M CSO FIN | G4 | 22,570 | 126,875 | -82.2% | 14,991 | 50.6% |
| NATURAL GAS 2 M CSO FIN | G2 | 0 | 2,150 | -100.0% | 1,000 | -100.0% |
| NATURAL GAS 3 M CSO FIN | G3 | 40,720 | 40,600 | 0.3% | 39,170 | 4.0% |
| NATURAL GAS 5 M CSO FIN | G5 | 0 | 0 | - | 0 | - |
| NATURAL GAS 6 M CSO FIN | G6 | 5,550 | 2,950 | 88.1% | 5,000 | 11.0% |
| NATURAL GAS OPTION ON CALENDAR STRP | 6J | 12,686 | 8,238 | 54.0% | 12,486 | 1.6% |
| NATURAL GAS PHY | KD | 0 | 0 | 0.0% | 0 | 0.0% |
| NATURAL GAS PHY | LN | 1,678,716 | 2,209,555 | -24.0% | 1,673,331 | 0.3% |
| NATURAL GAS PHY | ON | 97,746 | 100,057 | -2.3% | 87,727 | 11.4% |
| NATURAL GAS PHY | ON1 | 0 | 0 | - | 0 | - |
| NG HH 3 MONTH CAL | IC | 0 | 0 | - | 0 | - |
| N ROCKIES PIPE SWAP | ZR | 2,278 | 5,580 | -59.2% | 2,166 | 5.2% |
| NY HARBOR HEAT OIL SWP | AT | 15,711 | 25,577 | -38.6% | 17,827 | -11.9% |
| NYISO ZONE G 5MW PEAK OPTIONS | 9U | 0 | 5,880 | -100.0% | 0 | - |
| NYMEX EUROPEAN GASOIL APO | F7 | 0 | 0 | - | 0 | - |
| NYMEX EUROPEAN GASOIL OPT | F8 | 0 | 0 | - | 0 | - |
| PANHANDLE PIPE SWAP | PU | 2,400 | 2,640 | -9.1% | 2,880 | -16.7% |
| PETROCHEMICALS | 4H | 2,788 | 2,781 | 0.3% | 2,413 | 15.5% |
| PETROCHEMICALS | 4J | 1,410 | 3,135 | -55.0% | 1,420 | -0.7% |
| PETROCHEMICALS | 4K | 1,050 | 200 | 425.0% | 100 | 950.0% |
| PETROCHEMICALS | CPR | 0 | 18 | -100.0% | 0 | - |
| PETRO OUTRIGHT EURO | 8H | 0 | 300 | -100.0% | 0 | - |
| PETRO OUTRIGHT NA | DAP | 36 | 0 | - | 42 | -14.3% |
| PJM MONTHLY | JO | 0 | 0 | - | 0 | - |
| PJM WES HUB PEAK CAL MTH | 6OA | 1,780 | 3,180 | -44.0% | 1,780 | 0.0% |
| PJM WES HUB PEAK CAL MTH | JOA | 0 | 0 | - | 0 | - |
| PJM WES HUB PEAK LMP 50MW | PMA | 6,803 | 15,958 | -57.4% | 8,298 | -18.0% |
| RBOB 1MO CAL SPD OPTIONS | ZA | 0 | 1,908 | -100.0% | 0 | - |
| RBOB CALENDAR SWAP | RA | 525 | 1,539 | -65.9% | 525 | 0.0% |
| RBOB PHY | OB | 10,790 | 26,763 | -59.7% | 10,712 | 0.7% |
| RBOB PHY | RF | 125 | 25 | 400.0% | 125 | 0.0% |
| ROTTERDAM 3.5%FUEL OIL CL | Q6 | 0 | 240 | -100.0% | 0 | - |
| SAN JUAN PIPE SWAP | PJ | 2,198 | 4,640 | -52.6% | 1,974 | 11.3% |
| 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 NATURAL GAS | U01 | 0 | 250 | -100.0% | 0 | - |
| SHORT TERM NATURAL GAS | U02 | 0 | 0 | - | 270 | -100.0% |
| SHORT TERM NATURAL GAS | U03 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U04 | 0 | 0 | - | 0 | - |

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| Energy Options | | | | | | |
| 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 | 0.0% |
| SHORT TERM NATURAL GAS | U30 | 0 | 0 | - | 0 | - |
| SHORT TERM NATURAL GAS | U31 | 0 | 0 | 0.0% | 0 | - |
| SINGAPORE GASOIL CALENDAR | M2 | 0 | 150 | -100.0% | 0 | - |
| SINGAPORE JET FUEL CALEND | N2 | 0 | 240 | -100.0% | 0 | - |
| SOCAL PIPE SWAP | ZN | 0 | 0 | - | 0 | - |
| WTI-BRENT BULLET SWAP | BV | 198,561 | 141,670 | 40.2% | 225,934 | -12.1% |
| WTI CRUDE OIL 1 M CSO FI | 7A | 136,550 | 310,718 | -56.1% | 153,125 | -10.8% |
| Metals Futures | | | | | | |
| COMEX GOLD | GC | 454,891 | 438,762 | 3.7% | 478,221 | -4.9% |
| NYMEX HOT ROLLED STEEL | HR | 14,521 | 12,328 | 17.8% | 12,457 | 16.6% |
| NYMEX PLATINUM | PL | 82,168 | 72,357 | 13.6% | 86,498 | -5.0% |
| PALLADIUM | PA | 22,231 | 34,726 | -36.0% | 22,049 | 0.8% |
| URANIUM | UX | 2,965 | 4,412 | -32.8% | 2,690 | 10.2% |
| COMEX SILVER | SI | 227,415 | 208,072 | 9.3% | 209,485 | 8.6% |
| COMEX E-Mini GOLD | QO | 2,676 | 512 | 422.7% | 861 | 210.8% |
| COMEX E-Mini SILVER | QI | 464 | 116 | 300.0% | 298 | 55.7% |
| COMEX COPPER | HG | 301,147 | 316,003 | -4.7% | 266,333 | 13.1% |
| COMEX MINY COPPER | QC | 63 | 299 | -78.9% | 58 | 8.6% |
| ALUMINUM | A38 | 0 | 0 | - | 0 | - |
| ALUMINUM | AEP | 12,564 | 13,539 | -7.2% | 14,331 | -12.3% |
| ALUMINUM | ALA | 3,030 | 250 | 1,112.0% | 2,770 | 9.4% |
| ALUMINUM | ALI | 0 | 363 | -100.0% | 0 | - |
| ALUMINUM | AUP | 31,936 | 28,544 | 11.9% | 32,087 | -0.5% |
| ALUMINUM | CUP | 60 | 0 | - | 80 | -25.0% |
| ALUMINUM | EDP | 10,528 | 7,556 | 39.3% | 10,105 | 4.2% |
| ALUMINUM | MJP | 8,556 | 6,720 | 27.3% | 8,952 | -4.4% |
| COPPER | HGS | 12,244 | 767 | 1,496.3% | 13,325 | -8.1% |
| E-MICRO GOLD | MGC | 9,074 | 4,502 | 101.6% | 10,337 | -12.2% |
| FERROUS PRODUCTS | BUS | 2,606 | 250 | 942.4% | 3,155 | -17.4% |
| GOLD | GPS | 0 | 0 | - | 0 | - |
| Gold Kilo | GCK | 0 | 10 | -100.0% | 0 | - |
| IRON ORE 62 CHINA PLATTS FUTURES | PIO | 480 | 5,652 | -91.5% | 600 | -20.0% |
| IRON ORE 62 CHINA TSI FUTURES | TIO | 10,187 | 18,505 | -45.0% | 10,264 | -0.8% |
| LNDN ZINC | ZNC | 32 | 5 | 540.0% | 28 | 14.3% |
| METALS | LED | 0 | 0 | - | 0 | - |
| SILVER | SIL | 1,560 | 1,150 | 35.7% | 1,537 | 1.5% |

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| | Commodity | Open Interest JUL 2018 | Open Interest JUL 2017 | % CHG | Open Interest JUN 2018 | % CHG |
|-----------------------------------|-----------|---------------------------|---------------------------|----------|---------------------------|---------|
| Metals Options | | | | | | |
| COMEX COPPER | HX | 23,551 | 5,177 | 354.9% | 20,335 | 15.8% |
| COMEX GOLD | OG | 1,204,727 | 976,100 | 23.4% | 1,190,505 | 1.2% |
| COMEX SILVER | SO | 202,544 | 115,501 | 75.4% | 190,624 | 6.3% |
| COPPER | H1E | 0 | 0 | - | 0 | - |
| COPPER | H2E | 0 | 0 | - | 0 | - |
| COPPER | H3E | 0 | 0 | - | 0 | - |
| COPPER | H4E | 0 | 0 | - | 0 | - |
| GOLD | OG1 | 5,777 | 1,467 | 293.8% | 3,830 | 50.8% |
| GOLD | OG2 | 1,379 | 627 | 119.9% | 1,182 | 16.7% |
| GOLD | OG3 | 757 | 45 | 1,582.2% | 208 | 263.9% |
| GOLD | OG4 | 21 | 0 | 0.0% | 0 | - |
| GOLD | OG5 | 0 | 0 | - | 0 | 0.0% |
| HOT ROLLED COIL STEEL CALL OPTION | HRO | 500 | 0 | - | 600 | -16.7% |
| IRON ORE 62 CHINA TSI CALL OPTION | ICT | 1,412 | 8,301 | -83.0% | 1,650 | -14.4% |
| IRON ORE 62 CHINA TSI PUT OPTION | ICT | 580 | 4,950 | -88.3% | 640 | -9.4% |
| NIKKEI 225 (YEN) STOCK | H1E | 6 | 0 | - | 0 | - |
| NYMEX PLATINUM | PO | 8,238 | 3,146 | 161.9% | 5,816 | 41.6% |
| PALLADIUM | PAO | 2,886 | 7,955 | -63.7% | 2,518 | 14.6% |
| SILVER | SO1 | 750 | 14 | 5,257.1% | 405 | 85.2% |
| SILVER | SO2 | 68 | 0 | - | 84 | -19.0% |
| SILVER | SO3 | 123 | 0 | - | 99 | 24.2% |
| SILVER | SO4 | 0 | 0 | 0.0% | 0 | - |
| SILVER | SO5 | 0 | 0 | - | 0 | 0.0% |
| TOTAL FUTURES GROUP | | | | | | |
| Ag Products | Futures | 0 | 4 | -100.0% | 58 | -100.0% |
| Energy | Futures | 13,779,594 | 18,283,873 | -24.6% | 14,254,884 | -3.3% |
| Metals | Futures | 1,211,398 | 1,175,400 | 3.1% | 1,186,521 | 2.1% |
| TOTAL FUTURES | | 14,990,992 | 19,459,277 | -23.0% | 15,441,463 | -2.9% |
| TOTAL OPTIONS GROUP | | | | | | |
| Energy | Options | 6,602,511 | 7,255,020 | -9.0% | 6,675,023 | -1.1% |
| Metals | Options | 1,453,319 | 1,123,283 | 29.4% | 1,418,496 | 2.5% |
| TOTAL OPTIONS | | 8,055,830 | 8,378,303 | -3.8% | 8,093,519 | -0.5% |



NYMEX/COMEX Exchange Open Interest Report - Monthly

| Commodity | Open Interest JUL 2018 | Open Interest JUL 2017 | % CHG | Open Interest JUN 2018 | % CHG |
|-----------------------|---------------------------|---------------------------|---------------|---------------------------|--------------|
| TOTAL COMBINED | | | | | |
| Ag Products | 0 | 4 | -100.0% | 58 | -100.0% |
| Energy | 20,382,105 | 25,538,893 | -20.2% | 20,929,907 | -2.6% |
| Metals | 2,664,717 | 2,298,683 | 15.9% | 2,605,017 | 2.3% |
| GRAND TOTAL | 23,046,822 | 27,837,580 | -17.2% | 23,534,982 | -2.1% |