

CMEG Exchange Volume Report - Monthly

| | VOLUME MAR 2019 | VOLUME MAR 2018 | % CHG | VOLUME FEB 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|------------------------------|--------------------|--------------------|------------|--------------------|-----------|----------------------|----------------------|-----------|
| Interest Rate Futures | | | | | | | | |
| 10-YR NOTE | 34,503,415 | 33,837,131 | 2.0% | 41,653,960 | -17.2% | 107,879,903 | 118,331,727 | -8.8% |
| 10-YR SWAP RATE | 147,103 | 99,269 | 48.2% | 26,226 | 460.9% | 198,985 | 179,736 | 10.7% |
| 15-YR SWAP RATE | 0 | 0 | - | 1,000 | -100.0% | 5,500 | 0 | - |
| 1-MONTH EURODOLLAR | 50 | 5,552 | -99.1% | 5 | 900.0% | 115 | 13,229 | -99.1% |
| 20-YR SWAP RATE | 46 | 0 | - | 0 | 0.0% | 46 | 0 | - |
| 2-YR NOTE | 10,462,935 | 9,652,249 | 8.4% | 20,428,157 | -48.8% | 41,042,367 | 37,228,521 | 10.2% |
| 2-YR SWAP RATE | 50,071 | 0 | - | 33,566 | 49.2% | 128,855 | 0 | - |
| 30-YR BOND | 6,758,646 | 6,379,951 | 5.9% | 8,404,878 | -19.6% | 21,605,416 | 23,602,272 | -8.5% |
| 30-YR SWAP RATE | 814 | 317 | 156.8% | 631 | 29.0% | 1,882 | 825 | 128.1% |
| 3-YR SWAP RATE | 18,655 | 0 | - | 8,187 | 127.9% | 31,366 | 0 | - |
| 4-YR SWAP RATE | 7,999 | 0 | - | 1,306 | 512.5% | 12,944 | 0 | - |
| 5-YR NOTE | 20,637,854 | 19,974,642 | 3.3% | 31,298,546 | -34.1% | 73,233,471 | 73,665,683 | -0.6% |
| 5-YR SWAP RATE | 141,707 | 57,145 | 148.0% | 32,257 | 339.3% | 233,432 | 103,169 | 126.3% |
| 7-YR SWAP RATE | 7,548 | 0 | - | 4,283 | 76.2% | 13,091 | 0 | - |
| EURODOLLARS | 69,360,777 | 87,329,250 | -20.6% | 46,129,080 | 50.4% | 176,721,970 | 247,674,659 | -28.6% |
| FED FUND | 6,326,302 | 6,107,308 | 3.6% | 3,815,389 | 65.8% | 16,734,246 | 17,268,623 | -3.1% |
| SOFR | 809,190 | 0 | - | 593,031 | 36.4% | 1,788,296 | 0 | - |
| SONIA | 168,036 | 0 | - | 163,395 | 2.8% | 460,866 | 0 | - |
| Ultra 10-Year Note | 4,301,367 | 3,533,261 | 21.7% | 4,917,848 | -12.5% | 12,410,697 | 12,588,660 | -1.4% |
| ULTRA T-BOND | 3,067,785 | 2,785,176 | 10.1% | 5,773,938 | -46.9% | 11,651,262 | 11,562,493 | 0.8% |
| Interest Rate Options | | | | | | | | |
| 10-YR NOTE | 14,889,927 | 13,075,410 | 13.9% | 10,331,546 | 44.1% | 38,595,086 | 43,809,546 | -11.9% |
| 2-YR NOTE | 755,513 | 444,220 | 70.1% | 274,648 | 175.1% | 1,322,583 | 1,366,026 | -3.2% |
| 30-YR BOND | 3,372,942 | 2,284,011 | 47.7% | 2,091,396 | 61.3% | 7,988,273 | 8,723,503 | -8.4% |
| 5-YR NOTE | 4,731,429 | 3,353,252 | 41.1% | 3,433,399 | 37.8% | 12,082,535 | 11,402,727 | 6.0% |
| EURODOLLARS | 23,467,762 | 17,837,776 | 31.6% | 16,697,285 | 40.5% | 61,673,421 | 59,887,233 | 3.0% |
| EURO MIDCURVE | 14,456,322 | 18,204,565 | -20.6% | 13,258,122 | 9.0% | 43,250,471 | 61,397,236 | -29.6% |
| FED FUND | 252 | 6,030 | -95.8% | 200 | 26.0% | 452 | 9,567 | -95.3% |
| Ultra 10-Year Note | 9,514 | 3 | 317,033.3% | 50 | 18,928.0% | 9,565 | 28 | 34,060.7% |
| ULTRA T-BOND | 7,295 | 5,096 | 43.2% | 12,165 | -40.0% | 43,573 | 13,500 | 222.8% |

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|-----------------------------|--------------------|--------------------|----------|--------------------|--------|----------------------|----------------------|----------|
| Equity Index Futures | | | | | | | | |
| BITCOIN FUTURES | 75,167 | 54,140 | 38.8% | 100,199 | -25.0% | 266,514 | 113,085 | 135.7% |
| DJ US REAL ESTATE | 81,517 | 71,075 | 14.7% | 17,013 | 379.1% | 132,229 | 148,934 | -11.2% |
| E-mini (\$5) Dow | 4,927,930 | 6,939,807 | -29.0% | 3,651,929 | 34.9% | 13,480,700 | 17,155,160 | -21.4% |
| E-mini FTSE 100 (USD) | 0 | 2,505 | -100.0% | 0 | 0.0% | 336 | 6,252 | -94.6% |
| E-mini FTSE China 50 | 52 | 964 | -94.6% | 53 | -1.9% | 693 | 4,489 | -84.6% |
| E-MINI MIDCAP | 506,895 | 590,759 | -14.2% | 282,789 | 79.2% | 1,090,171 | 1,338,092 | -18.5% |
| E-MINI NASDAQ 100 | 10,799,396 | 12,243,751 | -11.8% | 7,708,131 | 40.1% | 29,353,628 | 29,344,160 | 0.0% |
| E-MINI RUSSELL 1000 | 20,765 | 27,238 | -23.8% | 2,722 | 662.9% | 26,597 | 47,896 | -44.5% |
| E-MINI RUSSELL 1000 GROWTH | 14,211 | 16,258 | -12.6% | 1,451 | 879.4% | 17,942 | 30,132 | -40.5% |
| E-MINI RUSSELL 1000 VALUE | 26,593 | 26,275 | 1.2% | 11,837 | 124.7% | 61,033 | 53,533 | 14.0% |
| E-MINI RUSSELL 2000 | 4,118,893 | 3,855,340 | 6.8% | 1,992,803 | 106.7% | 9,025,755 | 9,123,049 | -1.1% |
| E-MINI S&P500 | 38,614,909 | 47,449,688 | -18.6% | 25,490,989 | 51.5% | 98,089,319 | 119,549,461 | -18.0% |
| E-MINI S&P REAL ESTATE SELE | 17,471 | 17,145 | 1.9% | 5,898 | 196.2% | 31,419 | 24,229 | 29.7% |
| FT-SE 100 | 0 | 2,432 | -100.0% | 0 | 0.0% | 372 | 4,788 | -92.2% |
| FTSE Emerging | 1,926 | 90 | 2,040.0% | 2,911 | -33.8% | 6,796 | 487 | 1,295.5% |
| IBOVESPA INDEX | 508 | 605 | -16.0% | 1,316 | -61.4% | 2,343 | 3,612 | -35.1% |
| NASDAQ BIOTECH | 244 | 2,076 | -88.2% | 78 | 212.8% | 326 | 3,092 | -89.5% |
| NIFTY 50 | 0 | 760 | -100.0% | 0 | 0.0% | 0 | 54,444 | -100.0% |
| NIKKEI 225 (\$) STOCK | 292,287 | 530,369 | -44.9% | 164,107 | 78.1% | 669,749 | 1,418,280 | -52.8% |
| NIKKEI 225 (YEN) STOCK | 844,300 | 1,284,146 | -34.3% | 597,155 | 41.4% | 2,173,340 | 3,484,951 | -37.6% |
| S&P 500 | 173,885 | 235,765 | -26.2% | 75,344 | 130.8% | 362,606 | 502,921 | -27.9% |
| S&P 500/GI | 20 | 26 | -23.1% | 0 | 0.0% | 20 | 26 | -23.1% |
| S&P 500/VALUE | 18,573 | 13,056 | 42.3% | 17,022 | 9.1% | 72,174 | 49,599 | 45.5% |
| S&P 600 SMALLCAP EMINI | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| S&P CONSUMER DSCRTNRY SE | 12,236 | 28,726 | -57.4% | 6,427 | 90.4% | 36,351 | 59,696 | -39.1% |
| S&P CONSUMER STAPLES SECT | 39,820 | 56,986 | -30.1% | 19,342 | 105.9% | 74,471 | 87,767 | -15.1% |
| S&P ENERGY SECTOR | 42,913 | 39,089 | 9.8% | 8,655 | 395.8% | 74,338 | 73,629 | 1.0% |
| S&P FINANCIAL SECTOR | 62,905 | 93,892 | -33.0% | 11,170 | 463.2% | 101,048 | 139,909 | -27.8% |
| S&P HEALTH CARE SECTOR | 32,930 | 28,888 | 14.0% | 8,283 | 297.6% | 67,751 | 49,139 | 37.9% |
| S&P INDUSTRIAL SECTOR | 20,714 | 23,703 | -12.6% | 8,399 | 146.6% | 54,631 | 40,151 | 36.1% |
| S&P MATERIALS SECTOR | 19,622 | 15,494 | 26.6% | 5,370 | 265.4% | 34,406 | 37,034 | -7.1% |
| S&P TECHNOLOGY SECTOR | 26,410 | 49,240 | -46.4% | 10,048 | 162.8% | 60,772 | 79,945 | -24.0% |
| S&P UTILITIES SECTOR | 49,774 | 65,193 | -23.7% | 19,236 | 158.8% | 104,228 | 115,787 | -10.0% |
| YEN DENOMINATED TOPIX | 21,518 | 392 | 5,389.3% | 9,674 | 122.4% | 32,346 | 1,005 | 3,118.5% |

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| Equity Index Options | | | | | | | | |
| E-mini (\$5) Dow | 5,190 | 14,157 | -63.3% | 4,755 | 9.1% | 17,268 | 39,439 | -56.2% |
| E-MINI NASDAQ 100 | 185,126 | 232,997 | -20.5% | 151,730 | 22.0% | 613,923 | 868,907 | -29.3% |
| E-MINI RUSSELL 2000 | 10,849 | 25,315 | -57.1% | 17,037 | -36.3% | 32,074 | 58,719 | -45.4% |
| E-MINI S&P500 | 4,922,171 | 7,064,452 | -30.3% | 4,335,292 | 13.5% | 13,477,404 | 22,688,753 | -40.6% |
| EOM E-MINI RUSSELL 2000 END | 14,170 | 14,552 | -2.6% | 3,598 | 293.8% | 20,338 | 26,346 | -22.8% |
| EOM EMINI S&P | 1,988,523 | 3,239,347 | -38.6% | 1,374,848 | 44.6% | 5,276,541 | 10,539,411 | -49.9% |
| EOM S&P 500 | 142,364 | 133,286 | 6.8% | 87,600 | 62.5% | 379,013 | 909,089 | -58.3% |
| EOW1 E-MINI RUSSELL 2000 WE | 2,241 | 3,493 | -35.8% | 555 | 303.8% | 3,202 | 8,538 | -62.5% |
| EOW1 E-MINI RUSSELL 2000 WE | 1,896 | 4,147 | -54.3% | 874 | 116.9% | 3,178 | 11,138 | -71.5% |
| EOW1 EMINI S&P 500 | 597,072 | 1,004,842 | -40.6% | 574,970 | 3.8% | 2,314,447 | 3,686,724 | -37.2% |
| EOW1 S&P 500 | 22,840 | 24,572 | -7.0% | 61,845 | -63.1% | 190,632 | 201,409 | -5.4% |
| EOW2 E-MINI RUSSELL 2000 WE | 4,283 | 7,543 | -43.2% | 1,381 | 210.1% | 6,982 | 18,620 | -62.5% |
| EOW2 EMINI S&P 500 | 934,682 | 1,046,308 | -10.7% | 851,165 | 9.8% | 2,790,176 | 4,853,007 | -42.5% |
| EOW2 S&P 500 | 108,285 | 127,744 | -15.2% | 124,311 | -12.9% | 432,519 | 505,758 | -14.5% |
| EOW3 E-MINI RUSSELL 2000 WE | 11,168 | 44,098 | -74.7% | 5,933 | 88.2% | 23,324 | 88,277 | -73.6% |
| EOW3 EMINI S&P 500 | 1,983,287 | 3,298,651 | -39.9% | 1,791,405 | 10.7% | 7,156,857 | 14,418,599 | -50.4% |
| EOW3 S&P 500 | 54,355 | 143,096 | -62.0% | 156,291 | -65.2% | 432,692 | 1,371,336 | -68.4% |
| EOW4 E-MINI RUSSELL 2000 WE | 5,153 | 16,540 | -68.8% | 2,428 | 112.2% | 8,645 | 29,326 | -70.5% |
| EOW4 EMINI S&P 500 | 1,087,485 | 1,686,002 | -35.5% | 884,238 | 23.0% | 3,020,004 | 4,658,495 | -35.2% |
| S&P 500 | 280,585 | 427,092 | -34.3% | 185,247 | 51.5% | 759,556 | 1,194,902 | -36.4% |
| Metals Futures | | | | | | | | |
| ALUMINUM | 10,085 | 20,255 | -50.2% | 9,785 | 3.1% | 34,346 | 57,004 | -39.7% |
| COMEX COPPER | 1,748,142 | 2,510,551 | -30.4% | 2,441,593 | -28.4% | 6,205,637 | 8,272,369 | -25.0% |
| COMEX E-Mini GOLD | 8,207 | 6,801 | 20.7% | 5,083 | 61.5% | 19,532 | 21,557 | -9.4% |
| COMEX E-Mini SILVER | 3,102 | 1,258 | 146.6% | 2,775 | 11.8% | 6,710 | 3,758 | 78.6% |
| COMEX GOLD | 6,711,526 | 8,036,082 | -16.5% | 4,010,538 | 67.3% | 16,967,875 | 23,276,524 | -27.1% |
| COMEX MINY COPPER | 534 | 402 | 32.8% | 664 | -19.6% | 1,673 | 1,868 | -10.4% |
| COMEX SILVER | 1,418,526 | 1,842,321 | -23.0% | 1,783,560 | -20.5% | 4,728,353 | 6,184,629 | -23.5% |
| COPPER | 423 | 3,847 | -89.0% | 1,197 | -64.7% | 2,451 | 9,382 | -73.9% |
| E-MICRO GOLD | 244,516 | 117,149 | 108.7% | 165,381 | 47.9% | 618,701 | 385,747 | 60.4% |
| FERROUS PRODUCTS | 579 | 779 | -25.7% | 1,383 | -58.1% | 2,947 | 7,707 | -61.8% |
| GOLD | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| Gold Kilo | 0 | 35 | -100.0% | 0 | 0.0% | 0 | 76 | -100.0% |
| IRON ORE 62 CHINA PLATTS FU | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| IRON ORE 62 CHINA TSI FUTURE | 6,223 | 5,870 | 6.0% | 5,430 | 14.6% | 24,924 | 10,825 | 130.2% |
| LNDN ZINC | 122 | 0 | 0.0% | 280 | -56.4% | 969 | 33 | 2,836.4% |
| NYMEX HOT ROLLED STEEL | 13,165 | 9,655 | 36.4% | 15,281 | -13.8% | 50,146 | 29,162 | 72.0% |
| NYMEX PLATINUM | 633,174 | 562,720 | 12.5% | 384,444 | 64.7% | 1,380,067 | 1,353,301 | 2.0% |
| PALLADIUM | 113,193 | 101,277 | 11.8% | 147,433 | -23.2% | 367,665 | 364,553 | 0.9% |
| SILVER | 13,899 | 5,150 | 169.9% | 17,517 | -20.7% | 46,770 | 19,933 | 134.6% |
| URANIUM | 3,117 | 200 | 1,458.5% | 1,000 | 211.7% | 5,675 | 885 | 541.2% |

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| Metals Options | | | | | | | | |
| COMEX COPPER | 65,521 | 17,801 | 268.1% | 70,292 | -6.8% | 186,344 | 57,852 | 222.1% |
| COMEX GOLD | 1,182,883 | 940,584 | 25.8% | 727,549 | 62.6% | 2,938,032 | 2,883,383 | 1.9% |
| COMEX SILVER | 124,809 | 125,745 | -0.7% | 109,350 | 14.1% | 392,343 | 413,993 | -5.2% |
| COPPER | 51 | 0 | - | 36 | 41.7% | 117 | 0 | - |
| GOLD | 110,313 | 34,518 | 219.6% | 58,849 | 87.5% | 218,607 | 106,189 | 105.9% |
| HOT ROLLED COIL STEEL CALL | 600 | 0 | 0.0% | 0 | 0.0% | 600 | 0 | 0.0% |
| IRON ORE 62 CHINA TSI CALL O | 3,240 | 200 | 1,520.0% | 150 | 2,060.0% | 3,510 | 200 | 1,655.0% |
| IRON ORE 62 CHINA TSI PUT OP | 1,800 | 360 | 400.0% | 0 | 0.0% | 1,800 | 1,080 | 66.7% |
| NYMEX PLATINUM | 1,956 | 3,477 | -43.7% | 4,133 | -52.7% | 10,356 | 11,593 | -10.7% |
| PALLADIUM | 1,571 | 3,184 | -50.7% | 1,036 | 51.6% | 3,937 | 9,772 | -59.7% |
| SILVER | 4,631 | 1,003 | 361.7% | 2,405 | 92.6% | 9,866 | 1,624 | 507.5% |
| Energy Futures | | | | | | | | |
| 3.5% FUEL OIL CID MED SWA | 5 | 39 | -87.2% | 0 | 0.0% | 5 | 349 | -98.6% |
| 3.5% FUEL OIL CIF BALMO S | 0 | 0 | 0.0% | 20 | -100.0% | 20 | 0 | 0.0% |
| AEP-DAYTON HUB DAILY | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| AEP-DAYTON HUB MTHLY | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| AEP-DAYTON HUB OFF-PEAK M | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ALGON CITY GATES NAT GAS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ALGONQUIN CITYGATES BASIS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ANR LOUISIANA BASIS SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ANR OKLAHOMA | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ARGUS LLS VS. WTI (ARG) T | 14,930 | 18,572 | -19.6% | 17,115 | -12.8% | 47,525 | 89,415 | -46.8% |
| ARGUS PROPAN FAR EST INDE | 6,659 | 7,284 | -8.6% | 5,271 | 26.3% | 19,462 | 20,140 | -3.4% |
| ARGUS PROPAN(SAUDI ARAMC | 2,822 | 2,877 | -1.9% | 2,664 | 5.9% | 9,002 | 7,979 | 12.8% |
| AUSTRIALIAN COKE COAL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| BRENT BALMO SWAP | 223 | 0 | 0.0% | 125 | 78.4% | 348 | 50 | 596.0% |
| BRENT CALENDAR SWAP | 1,683 | 796 | 111.4% | 4,032 | -58.3% | 10,261 | 3,002 | 241.8% |
| BRENT CFD SWAP | 0 | 300 | -100.0% | 0 | 0.0% | 0 | 300 | -100.0% |
| BRENT FINANCIAL FUTURES | 60 | 6,500 | -99.1% | 0 | 0.0% | 3,560 | 10,500 | -66.1% |
| BRENT OIL LAST DAY | 1,877,590 | 1,821,117 | 3.1% | 1,522,396 | 23.3% | 5,056,273 | 4,886,298 | 3.5% |
| CAISO SP15 EZGNHUB5 MW P | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CAISO SP15 EZGNHUB5 PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CANADIAN LIGHT SWEET OIL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| CENTERPOINT BASIS SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 36 | -100.0% |
| CHICAGO ETHANOL SWAP | 131,299 | 111,301 | 18.0% | 92,092 | 42.6% | 324,724 | 330,995 | -1.9% |
| CHICAGO ULSD (PLATTS) SWA | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CHICAGO ULSD PL VS HO SPR | 150 | 180 | -16.7% | 721 | -79.2% | 1,831 | 1,074 | 70.5% |
| CHICAGO UNL GAS PL VS RBO | 0 | 225 | -100.0% | 405 | -100.0% | 515 | 525 | -1.9% |
| CIG BASIS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 140 | -100.0% |
| CIG ROCKIES NG INDEX SWA | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CINERGY HUB OFF-PEAK MONT | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| CINERGY HUB PEAK MONTH | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| CIN HUB 5MW D AH O PK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| CIN HUB 5MW D AH PK | 260 | 1,056 | -75.4% | 890 | -70.8% | 2,216 | 3,504 | -36.8% |
| CIN HUB 5MW REAL TIME O P | 3,920 | 0 | 0.0% | 0 | 0.0% | 3,920 | 0 | 0.0% |
| CIN HUB 5MW REAL TIME PK | 0 | 0 | 0.0% | 325 | -100.0% | 325 | 0 | 0.0% |
| COAL SWAP | 0 | 135 | -100.0% | 0 | 0.0% | 0 | 150 | -100.0% |

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| | VOLUME MAR 2019 | VOLUME MAR 2018 | % CHG | VOLUME FEB 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|------------------------------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|----------|
| Energy Futures | | | | | | | | |
| COLUMB GULF MAINLINE NG B | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| COLUMBIA GULF ONSHORE | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CONWAY NATURAL GASOLINE (| 85 | 48 | 77.1% | 600 | -85.8% | 844 | 500 | 68.8% |
| CONWAY NORMAL BUTANE (OPI | 323 | 110 | 193.6% | 140 | 130.7% | 513 | 190 | 170.0% |
| CONWAY PROPANE 5 DECIMALS | 11,171 | 17,872 | -37.5% | 11,250 | -0.7% | 42,374 | 46,633 | -9.1% |
| CRUDE OIL | 9,616 | 5,500 | 74.8% | 7,569 | 27.0% | 24,705 | 19,264 | 28.2% |
| CRUDE OIL OUTRIGHTS | 73,416 | 54,245 | 35.3% | 56,658 | 29.6% | 196,588 | 196,929 | -0.2% |
| CRUDE OIL PHY | 23,847,203 | 25,003,466 | -4.6% | 22,723,137 | 4.9% | 72,557,227 | 80,291,006 | -9.6% |
| CRUDE OIL SPRDS | 13,289 | 36,801 | -63.9% | 22,007 | -39.6% | 56,711 | 179,725 | -68.4% |
| CRUDE OIL TRADE AT MARKER | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| DAILY PJM | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| DATED BRENT (PLATTS) DAILY S | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| DATED TO FRONTLINE BRENT | 0 | 400 | -100.0% | 0 | 0.0% | 600 | 2,060 | -70.9% |
| DIESEL 10P BRG FOB RDM VS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 5 | -100.0% |
| DIESEL 10PPM BARGES FOB B | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| DOMINION TRAN INC - APP I | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| DOMINION TRANSMISSION INC | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| DUBAI CRUDE OIL BALMO | 0 | 125 | -100.0% | 0 | 0.0% | 0 | 125 | -100.0% |
| DUBAI CRUDE OIL CALENDAR | 873 | 758 | 15.2% | 9,085 | -90.4% | 15,298 | 7,760 | 97.1% |
| DUTCH TTF NATURAL GAS CAL | 11,512 | 1,230 | 835.9% | 12,147 | -5.2% | 27,328 | 2,405 | 1,036.3% |
| DY EURO 3.5% FUEL OI RDA | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| EASTERN RAIL DELIVERY CSX | 0 | 15 | -100.0% | 0 | 0.0% | 0 | 120 | -100.0% |
| EAST/WEST FUEL OIL SPREAD | 0 | 12 | -100.0% | 0 | 0.0% | 0 | 137 | -100.0% |
| EIA FLAT TAX ONHWAY DIESE | 40 | 86 | -53.5% | 359 | -88.9% | 1,028 | 440 | 133.6% |
| ELEC ERCOT DLY OFF PK | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| ELEC ERCOT DLY PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ELEC ERCOT OFF PEAK | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| ELEC FINSETTLED | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ELEC MISO PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ELEC NYISO OFF-PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ELECTRICITY ERCOT PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ELECTRICITY OFF PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ELEC WEST POWER OFF-PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ELEC WEST POWER PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ERCOT DAILY 5MW PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ERCOT HOUSTON Z MCPE 5MW | 0 | 630 | -100.0% | 0 | 0.0% | 0 | 1,510 | -100.0% |
| ERCOT NORTH ZMCPE 5MW OF | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ERCOT NORTH ZMCPE 5MW OF | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ERCOT NORTH ZMCPE 5MW PE | 0 | 630 | -100.0% | 0 | 0.0% | 0 | 4,610 | -100.0% |
| ETHANOL | 10,627 | 8,683 | 22.4% | 10,262 | 3.6% | 31,518 | 28,398 | 11.0% |
| ETHANOL SWAP | 70 | 10 | 600.0% | 130 | -46.2% | 210 | 10 | 2,000.0% |
| ETHANOL T2 FOB ROTT INCL DU | 5,065 | 3,198 | 58.4% | 3,349 | 51.2% | 13,434 | 9,127 | 47.2% |
| EURO 1% FUEL OIL NEW BALM | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 5 | -100.0% |
| EURO 3.5% FUEL OIL RDAM B | 105 | 449 | -76.6% | 0 | 0.0% | 145 | 1,706 | -91.5% |
| EURO 3.5% FUEL OIL SPREAD | 45 | 171 | -73.7% | 0 | 0.0% | 45 | 291 | -84.5% |
| EURO-DENOMINATED PETRO P | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| EURO GASOIL 10PPM VS ICE | 0 | 8 | -100.0% | 0 | 0.0% | 0 | 355 | -100.0% |
| EUROPE 1% FUEL OIL NWE CA | 0 | 90 | -100.0% | 4 | -100.0% | 94 | 258 | -63.6% |
| EUROPE 1% FUEL OIL RDAM C | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| EUROPE 3.5% FUEL OIL MED | 78 | 99 | -21.2% | 40 | 95.0% | 273 | 499 | -45.3% |

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CMEG Exchange Volume Report - Monthly

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|---------------------------|--------------------|--------------------|---------|--------------------|----------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| EUROPE 3.5% FUEL OIL RDM | 1,837 | 8,226 | -77.7% | 610 | 201.1% | 4,332 | 20,891 | -79.3% |
| EUROPEAN GASOIL (ICE) | 220 | 400 | -45.0% | 80 | 175.0% | 428 | 934 | -54.2% |
| EUROPEAN NAPHTHA BALMO | 288 | 214 | 34.6% | 188 | 53.2% | 757 | 896 | -15.5% |
| EUROPEAN NAPHTHA CRACK SP | 6,398 | 6,483 | -1.3% | 5,745 | 11.4% | 17,107 | 28,923 | -40.9% |
| EUROPE DATED BRENT SWAP | 176 | 0 | 0.0% | 66 | 166.7% | 748 | 0 | 0.0% |
| EUROPE JET KERO NWE CALSW | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 15 | -100.0% |
| EUROPE NAPHTHA CALSWAP | 3,025 | 2,235 | 35.3% | 2,458 | 23.1% | 7,273 | 11,268 | -35.5% |
| EURO PROPANE CIF ARA SWA | 2,897 | 1,979 | 46.4% | 1,231 | 135.3% | 6,321 | 6,740 | -6.2% |
| FLORIDA GAS ZONE3 BASIS S | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| FREIGHT MARKETS | 619 | 289 | 114.2% | 180 | 243.9% | 2,805 | 1,361 | 106.1% |
| FUEL OIL CRACK VS ICE | 1,831 | 7,229 | -74.7% | 979 | 87.0% | 3,930 | 14,582 | -73.0% |
| FUEL OIL NWE CRACK VS ICE | 0 | 0 | 0.0% | 0 | 0.0% | 15 | 156 | -90.4% |
| FUEL OIL (PLATS) CAR CM | 0 | 50 | -100.0% | 0 | 0.0% | 0 | 154 | -100.0% |
| FUEL OIL (PLATS) CAR CN | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 45 | -100.0% |
| FUELOIL SWAP:CARGOES VS.B | 171 | 273 | -37.4% | 393 | -56.5% | 729 | 974 | -25.2% |
| GAS EURO-BOB OXY NWE BARG | 9,345 | 7,271 | 28.5% | 5,854 | 59.6% | 23,769 | 23,470 | 1.3% |
| GAS EURO-BOB OXY NWE BARG | 12,886 | 21,980 | -41.4% | 7,528 | 71.2% | 31,067 | 69,960 | -55.6% |
| GASOIL 0.1 CIF MED SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOIL 0.1CIF MED VS ICE | 0 | 10 | -100.0% | 0 | 0.0% | 0 | 10 | -100.0% |
| GASOIL 0.1 CIF NWE VS ISE | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOIL 0.1 CIF VS ICE GAS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOIL 0.1 RDM BRGS VS I | 0 | 0 | 0.0% | 15 | -100.0% | 15 | 5 | 200.0% |
| GASOIL 0.1 ROTTERDAM BARG | 12 | 5 | 140.0% | 0 | 0.0% | 24 | 45 | -46.7% |
| GASOIL 10P CRG CIF NW VS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOIL 10PPM VS ICE SWAP | 15 | 12 | 25.0% | 0 | 0.0% | 24 | 12 | 100.0% |
| GASOIL BULLET SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOIL CALENDAR SWAP | 0 | 6 | -100.0% | 48 | -100.0% | 54 | 12 | 350.0% |
| GASOIL CRACK SPREAD CALEN | 150 | 2,084 | -92.8% | 312 | -51.9% | 462 | 22,517 | -97.9% |
| GASOIL MINI CALENDAR SWAP | 138 | 0 | 0.0% | 113 | 22.1% | 592 | 426 | 39.0% |
| GERMAN POWER BASELOAD CA | 4,944 | 501 | 886.8% | 150 | 3,196.0% | 5,937 | 1,872 | 217.1% |
| GROUP THREE ULSD (PLATTS) | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 115 | -100.0% |
| GROUP THREE UNLEAD GAS (P | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| GRP THREE ULSD(PLT)VS HEA | 2,575 | 2,530 | 1.8% | 2,308 | 11.6% | 8,640 | 12,320 | -29.9% |
| GRP THREE UNL GS (PLT) VS | 4,885 | 1,990 | 145.5% | 2,260 | 116.2% | 10,629 | 5,988 | 77.5% |
| GULF COAST 3% FUEL OIL BA | 1,099 | 796 | 38.1% | 82 | 1,240.2% | 2,670 | 4,549 | -41.3% |
| GULF COAST JET FUEL CLNDR | 51 | 42 | 21.4% | 0 | 0.0% | 267 | 297 | -10.1% |
| GULF COAST JET VS NYM 2 H | 20,270 | 47,433 | -57.3% | 17,999 | 12.6% | 55,846 | 156,319 | -64.3% |
| GULF COAST NO.6 FUEL OIL | 23,019 | 66,619 | -65.4% | 22,843 | 0.8% | 80,923 | 185,614 | -56.4% |
| GULF COAST ULSD CALENDAR | 183 | 80 | 128.8% | 337 | -45.7% | 1,113 | 554 | 100.9% |
| GULF COAST ULSD CRACK SPR | 0 | 100 | -100.0% | 0 | 0.0% | 0 | 1,195 | -100.0% |
| HEATING OIL BALMO CLNDR S | 0 | 0 | 0.0% | 10 | -100.0% | 10 | 56 | -82.1% |
| HEATING OIL PHY | 3,382,272 | 3,715,839 | -9.0% | 3,043,056 | 11.1% | 9,853,668 | 12,084,630 | -18.5% |
| HENRY HUB BASIS SWAP | 0 | 360 | -100.0% | 0 | 0.0% | 0 | 4,952 | -100.0% |
| HENRY HUB FINANCIAL LAST | 0 | 1,831 | -100.0% | 0 | 0.0% | 0 | 4,663 | -100.0% |
| HENRY HUB INDEX SWAP FUTU | 0 | 360 | -100.0% | 0 | 0.0% | 0 | 4,952 | -100.0% |
| HENRY HUB SWAP | 59,967 | 132,155 | -54.6% | 130,209 | -53.9% | 379,318 | 515,389 | -26.4% |
| HOUSTON SHIP CHANNEL BASI | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| HTG OIL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| HUSTN SHIP CHNL PIPE SWP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ICE BRENT DUBAI SWAP | 1,015 | 9,914 | -89.8% | 4,940 | -79.5% | 15,125 | 29,774 | -49.2% |

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|-------------------------------|--------------------|--------------------|----------|--------------------|---------|----------------------|----------------------|----------|
| Energy Futures | | | | | | | | |
| ICE GASOIL BALMO SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| IN DELIVERY MONTH EUA | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| INDIANA MISO | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| INDONESIAN COAL | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| INDONESIAN COAL ICI4 | 1,053 | 90 | 1,070.0% | 135 | 680.0% | 1,433 | 120 | 1,094.2% |
| ISO NEW ENGLAND OFF-PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ISO NEW ENGLAND PK LMP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| JAPAN C&F NAPHTHA CRACK S | 0 | 135 | -100.0% | 0 | 0.0% | 0 | 690 | -100.0% |
| JAPAN C&F NAPHTHA SWAP | 1,683 | 1,530 | 10.0% | 1,267 | 32.8% | 4,352 | 5,933 | -26.6% |
| JAPAN NAPHTHA BALMO SWAP | 92 | 15 | 513.3% | 25 | 268.0% | 271 | 103 | 163.1% |
| JET AV FUEL (P) CAR FM ICE GA | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 5 | -100.0% |
| JET CIF NWE VS ICE | 0 | 0 | 0.0% | 10 | -100.0% | 70 | 400 | -82.5% |
| JET FUEL BRG FOB RDM VS I | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| JET FUEL CRG CIF NEW VS I | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| JET FUEL UP-DOWN BALMO CL | 2,740 | 10,604 | -74.2% | 2,290 | 19.7% | 9,649 | 25,784 | -62.6% |
| JKM LNG Futures | 3,929 | 1,150 | 241.7% | 850 | 362.2% | 5,304 | 1,445 | 267.1% |
| LA CARB DIESEL (OPIS) | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| LA CARB DIESEL (OPIS) SWA | 125 | 225 | -44.4% | 75 | 66.7% | 285 | 675 | -57.8% |
| LA CARBOB GASOLINE(OPIS)S | 375 | 475 | -21.1% | 400 | -6.3% | 1,575 | 1,825 | -13.7% |
| LA JET FUEL VS NYM NO 2 H | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| LA JET (OPIS) SWAP | 1,025 | 2,075 | -50.6% | 1,150 | -10.9% | 3,775 | 6,900 | -45.3% |
| LLS (ARGUS) CALENDAR SWAP | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| LLS (ARGUS) VS WTI SWAP | 3,910 | 6,713 | -41.8% | 1,100 | 255.5% | 9,188 | 13,137 | -30.1% |
| LOS ANGELES CARB GASOLINE | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| LTD NAT GAS | 276,785 | 308,387 | -10.2% | 363,890 | -23.9% | 1,013,188 | 1,233,322 | -17.8% |
| MARS (ARGUS) VS WTI SWAP | 3,655 | 2,275 | 60.7% | 1,000 | 265.5% | 7,405 | 11,015 | -32.8% |
| MARS (ARGUS) VS WTI TRD M | 11,215 | 22,696 | -50.6% | 18,919 | -40.7% | 64,343 | 95,006 | -32.3% |
| MARS BLEND CRUDE OIL | 0 | 389 | -100.0% | 0 | 0.0% | 0 | 1,169 | -100.0% |
| MCCLOSKEY ARA ARGS COAL | 34,063 | 25,033 | 36.1% | 25,550 | 33.3% | 85,145 | 83,893 | 1.5% |
| MCCLOSKEY RCH BAY COAL | 2,478 | 3,147 | -21.3% | 3,582 | -30.8% | 8,444 | 11,646 | -27.5% |
| MGF FUT | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 80 | -100.0% |
| MGN1 SWAP FUT | 50 | 93 | -46.2% | 10 | 400.0% | 170 | 353 | -51.8% |
| MICHIGAN BASIS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| MICHIGAN MISO | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| MINI GAS EUROBOB OXY NWE A | 44 | 286 | -84.6% | 135 | -67.4% | 636 | 887 | -28.3% |
| MINI RBOB V. EBOBARG NWE BF | 230 | 71 | 223.9% | 490 | -53.1% | 1,596 | 191 | 735.6% |
| MINI RBOB V. EBOB(ARGUS) NW | 1,955 | 1,271 | 53.8% | 2,058 | -5.0% | 5,689 | 4,196 | 35.6% |
| MINY HTG OIL | 4 | 3 | 33.3% | 3 | 33.3% | 10 | 10 | 0.0% |
| MINY NATURAL GAS | 20,240 | 19,941 | 1.5% | 22,339 | -9.4% | 85,328 | 115,129 | -25.9% |
| MINY RBOB GAS | 9 | 2 | 350.0% | 6 | 50.0% | 21 | 9 | 133.3% |
| MINY WTI CRUDE OIL | 367,006 | 308,522 | 19.0% | 380,566 | -3.6% | 1,255,616 | 833,333 | 50.7% |
| MJC FUT | 30 | 210 | -85.7% | 40 | -25.0% | 110 | 780 | -85.9% |
| MNC FUT | 5,376 | 3,808 | 41.2% | 4,258 | 26.3% | 13,251 | 11,046 | 20.0% |
| MONT BELVIEU ETHANE 5 DECI | 12,640 | 14,849 | -14.9% | 8,921 | 41.7% | 40,828 | 49,796 | -18.0% |
| MONT BELVIEU ETHANE OPIS B | 50 | 15 | 233.3% | 75 | -33.3% | 595 | 565 | 5.3% |
| MONT BELVIEU LDH PROPANE 5 | 137,375 | 121,247 | 13.3% | 115,572 | 18.9% | 387,741 | 398,987 | -2.8% |
| MONT BELVIEU LDH PROPANE C | 2,553 | 2,756 | -7.4% | 3,027 | -15.7% | 11,774 | 11,769 | 0.0% |
| MONT BELVIEU NATURAL GASO | 7,665 | 9,342 | -18.0% | 9,377 | -18.3% | 24,403 | 29,549 | -17.4% |
| MONT BELVIEU NATURAL GASO | 715 | 665 | 7.5% | 278 | 157.2% | 2,209 | 1,545 | 43.0% |
| MONT BELVIEU NORMAL BUTAN | 36,495 | 26,240 | 39.1% | 28,713 | 27.1% | 105,192 | 75,487 | 39.4% |

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|----------------------------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| MONT BELVIEU NORMAL BUTAN | 1,430 | 1,031 | 38.7% | 1,306 | 9.5% | 4,534 | 3,039 | 49.2% |
| NAT GAS BASIS SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NATURAL GAS | 81,573 | 101,560 | -19.7% | 125,169 | -34.8% | 336,479 | 493,970 | -31.9% |
| NATURAL GAS FIXED PRICE SW | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NATURAL GAS INDEX | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NATURAL GAS PEN SWP | 20,814 | 26,372 | -21.1% | 29,965 | -30.5% | 79,852 | 130,877 | -39.0% |
| NATURAL GAS PHY | 6,074,733 | 7,287,487 | -16.6% | 7,329,282 | -17.1% | 22,573,775 | 29,930,257 | -24.6% |
| NEPOOL CNCTCT 5MW D AH O | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEPOOL CONECTIC 5MW D AH | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEPOOL INTR HUB 5MW D AH | 0 | 0 | 0.0% | 16,560 | -100.0% | 16,560 | 65,335 | -74.7% |
| NEPOOL NE MASS 5MW D AH O | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEPOOL NE MASS 5MW D AH P | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEPOOL RHD ISLD 5MW D AH | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEPOOL RHODE IL 5MW D AH | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEPOOL W CNT MASS 5MW D A | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEPOOL W CNTR M 5MW D AH | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEW ENGLAND HUB PEAK DAIL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEW YORK ETHANOL SWAP | 1,142 | 2,100 | -45.6% | 305 | 274.4% | 2,287 | 5,946 | -61.5% |
| NEW YORK HUB ZONE G PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NEW YORK HUB ZONE J PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NGPL MID-CONTINENT | 0 | 0 | 0.0% | 400 | -100.0% | 1,240 | 400 | 210.0% |
| NGPL TEX/OK | 0 | 76 | -100.0% | 0 | 0.0% | 0 | 7,716 | -100.0% |
| N ILLINOIS HUB DAILY | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| N ILLINOIS HUB MTHLY | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NO 2 UP-DOWN SPREAD CALEN | 225 | 275 | -18.2% | 250 | -10.0% | 575 | 1,235 | -53.4% |
| NORTHERN NATURAL GAS DEMA | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NORTHERN NATURAL GAS VENTL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 100 | -100.0% |
| NORTHERN ILLINOIS OFF-PEA | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NORTHWEST ROCKIES BASIS S | 0 | 0 | 0.0% | 1,770 | -100.0% | 3,106 | 0 | 0.0% |
| N ROCKIES PIPE SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NY1% VS GC SPREAD SWAP | 360 | 2,690 | -86.6% | 695 | -48.2% | 1,615 | 6,260 | -74.2% |
| NY 2.2% FUEL OIL (PLATTS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NY 3.0% FUEL OIL (PLATTS | 200 | 275 | -27.3% | 75 | 166.7% | 450 | 775 | -41.9% |
| NY HARBOR 1% FUEL OIL BAL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NY HARBOR HEAT OIL SWP | 954 | 926 | 3.0% | 2,169 | -56.0% | 5,688 | 4,424 | 28.6% |
| NY HARBOR LOW SULPUR GAS | 0 | 1,550 | -100.0% | 0 | 0.0% | 315 | 2,375 | -86.7% |
| NY HARBOR RESIDUAL FUEL 1 | 977 | 1,345 | -27.4% | 1,154 | -15.3% | 2,876 | 3,917 | -26.6% |
| NY HARBOR RESIDUAL FUEL C | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| NYH NO 2 CRACK SPREAD CAL | 265 | 867 | -69.4% | 210 | 26.2% | 865 | 3,272 | -73.6% |
| NYISO A | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NYISO A OFF-PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NYISO CAPACITY | 0 | 252 | -100.0% | 60 | -100.0% | 300 | 422 | -28.9% |
| NYISO G | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NYISO G OFF-PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NYISO J | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NYISO J OFF-PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NYISO ZONE A 5MW D AH O P | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NYISO ZONE A 5MW D AH PK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NYISO ZONE C 5MW D AH O P | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NYISO ZONE C 5MW D AH PK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME MAR 2019 | VOLUME MAR 2018 | % CHG | VOLUME FEB 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|----------------------------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| NYISO ZONE G 5MW D AH O P | 0 | 264,520 | -100.0% | 5,520 | -100.0% | 5,520 | 346,270 | -98.4% |
| NYISO ZONE G 5MW D AH PK | 0 | 2,340 | -100.0% | 0 | 0.0% | 0 | 3,395 | -100.0% |
| NYISO ZONE J 5MW D AH O P | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NYISO ZONE J 5MW D AH PK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NYMEX ALUMINUM FUTURES | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NYMEX ULSD VS NYMEX HO | 700 | 0 | 0.0% | 750 | -6.7% | 1,450 | 0 | 0.0% |
| NY ULSD (ARGUS) VS HEATING | 27 | 0 | 0.0% | 48 | -43.8% | 417 | 0 | 0.0% |
| ONEOK OKLAHOMA NG BASIS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ONTARIO POWER SWAPS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 10 | -100.0% |
| PANHANDLE BASIS SWAP FUTU | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 275 | -100.0% |
| PANHANDLE PIPE SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PERMIAN BASIS SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PETROCHEMICALS | 2,495 | 5,209 | -52.1% | 2,869 | -13.0% | 9,818 | 15,111 | -35.0% |
| PETRO CRCKS & SPRDS ASIA | 28 | 0 | 0.0% | 0 | 0.0% | 28 | 409 | -93.2% |
| PETRO CRCKS & SPRDS NA | 45,203 | 38,560 | 17.2% | 38,105 | 18.6% | 126,574 | 119,787 | 5.7% |
| PETRO CRK&SPRD EURO | 4,459 | 8,282 | -46.2% | 3,170 | 40.7% | 13,171 | 28,277 | -53.4% |
| PETROLEUM PRODUCTS | 2,000 | 3,434 | -41.8% | 4,304 | -53.5% | 10,074 | 19,039 | -47.1% |
| PETROLEUM PRODUCTS ASIA | 1,776 | 1,605 | 10.7% | 1,685 | 5.4% | 5,218 | 7,129 | -26.8% |
| PETRO OUTRIGHT EURO | 4,051 | 5,373 | -24.6% | 3,544 | 14.3% | 11,844 | 15,685 | -24.5% |
| PETRO OUTRIGHT NA | 6,657 | 7,418 | -10.3% | 5,662 | 17.6% | 18,070 | 23,008 | -21.5% |
| PJM AD HUB 5MW REAL TIME | 0 | 30,445 | -100.0% | 46,720 | -100.0% | 71,395 | 35,545 | 100.9% |
| PJM AECO DA OFF-PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| PJM AECO DA PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| PJM APS ZONE DA OFF-PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| PJM APS ZONE DA PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| PJM ATSI ELEC | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM BGE DA OFF-PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM BGE DA PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM COMED 5MW D AH O PK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM COMED 5MW D AH PK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM DAILY | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM DAYTON DA OFF-PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM DAYTON DA PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM JCPL DA OFF-PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| PJM JCPL DA PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| PJM MONTHLY | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM NI HUB 5MW REAL TIME | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 5,100 | -100.0% |
| PJM NILL DA OFF-PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM NILL DA PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM OFF-PEAK LMP SWAP FUT | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM PECO ZONE5MW PEAK CAL | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| PJM PPL DA OFF-PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| PJM PPL DA PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| PJM PSEG DA OFF-PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM PSEG DA PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM WESTH DA OFF-PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 46,800 | -100.0% |
| PJM WESTHDA PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 2,550 | -100.0% |
| PJM WESTH RT OFF-PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 23,400 | 70,200 | -66.7% |
| PJM WESTH RT PEAK | 10,200 | 8,944 | 14.0% | 2,880 | 254.2% | 15,683 | 24,594 | -36.2% |
| PLASTICS | 490 | 250 | 96.0% | 938 | -47.8% | 2,905 | 1,282 | 126.6% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME MAR 2019 | VOLUME MAR 2018 | % CHG | VOLUME FEB 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|-----------------------------|--------------------|--------------------|----------|--------------------|----------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| PREMIUM UNLND 10P FOB MED | 34 | 265 | -87.2% | 150 | -77.3% | 542 | 1,311 | -58.7% |
| PREMIUM UNLEAD 10PPM FOB | 0 | 10 | -100.0% | 18 | -100.0% | 18 | 165 | -89.1% |
| PREM UNL GAS 10PPM RDAM F | 0 | 0 | 0.0% | 0 | 0.0% | 20 | 80 | -75.0% |
| PREM UNL GAS 10PPM RDAM F | 0 | 0 | 0.0% | 15 | -100.0% | 30 | 10 | 200.0% |
| PROPANE NON-LDH MB (OPIS) B | 1,359 | 1,035 | 31.3% | 2,923 | -53.5% | 7,050 | 1,764 | 299.7% |
| PROPANE NON-LDH MT. BEL (OF | 20,068 | 14,845 | 35.2% | 17,659 | 13.6% | 54,518 | 29,916 | 82.2% |
| RBOB CALENDAR SWAP | 4,531 | 4,080 | 11.1% | 6,132 | -26.1% | 15,520 | 11,940 | 30.0% |
| RBOB CRACK SPREAD | 1,195 | 542 | 120.5% | 660 | 81.1% | 2,530 | 2,572 | -1.6% |
| RBOB CRACK SPREAD BALMO S | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| RBOB GAS | 0 | 1,920 | -100.0% | 0 | 0.0% | 0 | 11,200 | -100.0% |
| RBOB GASOLINE BALMO CLNDR | 511 | 616 | -17.0% | 1,532 | -66.6% | 2,703 | 1,503 | 79.8% |
| RBOB PHY | 5,049,251 | 3,992,862 | 26.5% | 3,660,391 | 37.9% | 12,637,511 | 12,098,436 | 4.5% |
| RBOB SPREAD (PLATTS) SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| RBOB VS HEATING OIL SWAP | 0 | 150 | -100.0% | 75 | -100.0% | 75 | 550 | -86.4% |
| SAN JUAN BASIS SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 31 | -100.0% |
| SAN JUAN PIPE SWAP | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| SINGAPORE 180CST BALMO | 17 | 25 | -32.0% | 10 | 70.0% | 37 | 120 | -69.2% |
| SINGAPORE 380CST BALMO | 90 | 133 | -32.3% | 5 | 1,700.0% | 115 | 289 | -60.2% |
| SINGAPORE 380CST FUEL OIL | 2,852 | 7,439 | -61.7% | 2,571 | 10.9% | 9,759 | 18,103 | -46.1% |
| SINGAPORE FUEL 180CST CAL | 368 | 546 | -32.6% | 201 | 83.1% | 835 | 2,040 | -59.1% |
| SINGAPORE FUEL OIL SPREAD | 55 | 1,604 | -96.6% | 63 | -12.7% | 230 | 2,615 | -91.2% |
| SINGAPORE GASOIL | 5,764 | 5,771 | -0.1% | 4,903 | 17.6% | 16,987 | 19,613 | -13.4% |
| SINGAPORE GASOIL CALENDAR | 320 | 110 | 190.9% | 90 | 255.6% | 670 | 4,584 | -85.4% |
| SINGAPORE GASOIL SWAP | 688 | 1,315 | -47.7% | 861 | -20.1% | 3,537 | 15,527 | -77.2% |
| SINGAPORE GASOIL VS ICE | 3,075 | 14,815 | -79.2% | 0 | 0.0% | 4,340 | 64,735 | -93.3% |
| SINGAPORE JET KERO BALMO | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 165 | -100.0% |
| SINGAPORE JET KERO GASOIL | 0 | 2,425 | -100.0% | 0 | 0.0% | 100 | 18,120 | -99.4% |
| SINGAPORE JET KEROSENE SW | 515 | 565 | -8.8% | 390 | 32.1% | 1,645 | 3,635 | -54.7% |
| SINGAPORE JET KERO VS. GAS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 25 | -100.0% |
| SINGAPORE MOGAS 92 UNLEAD | 450 | 225 | 100.0% | 375 | 20.0% | 925 | 1,363 | -32.1% |
| SINGAPORE MOGAS 92 UNLEAD | 18,344 | 13,451 | 36.4% | 19,364 | -5.3% | 52,478 | 52,645 | -0.3% |
| SINGAPORE NAPHTHA SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 200 | -100.0% |
| SING FUEL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| SOCAL PIPE SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| SONAT BASIS SWAP FUTURE | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| SOUTH STAR TEX OKLHM KNS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| Sumas Basis Swap | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 91 | -100.0% |
| SUMAS NAT GAS PLATTS FIXED | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| TC2 ROTTERDAM TO USAC 37K | 370 | 172 | 115.1% | 240 | 54.2% | 730 | 518 | 40.9% |
| TC5 RAS TANURA TO YOKOHAM | 485 | 20 | 2,325.0% | 385 | 26.0% | 1,240 | 220 | 463.6% |
| TCO BASIS SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| TCO NG INDEX SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| TD3 MEG TO JAPAN 250K MT | 3,756 | 1,030 | 264.7% | 4,020 | -6.6% | 11,971 | 1,805 | 563.2% |
| TENNESSEE 500 LEG BASIS S | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| TENNESSEE 800 LEG NG BASI | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| TENNESSEE ZONE 0 BASIS SW | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| TETCO M-3 INDEX | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| Tetco STX Basis | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| TEXAS EASTERN ZONE M-3 BA | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| TEXAS GAS ZONE1 NG BASIS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |

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|-----------------------------|--------------------|--------------------|----------|--------------------|----------|----------------------|----------------------|----------|
| Energy Futures | | | | | | | | |
| Transco Zone 3 Basis | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| TRANSCO ZONE 3 NG INDEX S | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| TRANSCO ZONE4 BASIS SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| TRANSCO ZONE 4 NAT GAS IN | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| TRANSCO ZONE 6 BASIS SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| TRANSCO ZONE 6 INDEX | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| UCM FUT | 0 | 20 | -100.0% | 20 | -100.0% | 20 | 50 | -60.0% |
| UK NBP NAT GAS CAL MTH FUT | 894 | 5,150 | -82.6% | 705 | 26.8% | 2,774 | 9,715 | -71.4% |
| ULSD 10PPM CIF MED SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ULSD 10PPM CIF MED VS ICE | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 14 | -100.0% |
| ULSD 10PPM CIF NW BALMO S | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ULSD UP-DOWN BALMO SWP | 6,145 | 3,500 | 75.6% | 5,385 | 14.1% | 20,070 | 14,240 | 40.9% |
| UP DOWN GC ULSD VS NMX HO | 23,313 | 30,926 | -24.6% | 23,401 | -0.4% | 83,189 | 112,196 | -25.9% |
| WAHA BASIS | 300 | 0 | 0.0% | 0 | 0.0% | 425 | 2,086 | -79.6% |
| WAHA INDEX SWAP FUTURE | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| WESTERN RAIL DELIVERY PRB | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 15 | -100.0% |
| WTI-BRENT BULLET SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 600 | 0 | 0.0% |
| WTI-BRENT CALENDAR SWAP | 30,610 | 34,796 | -12.0% | 27,935 | 9.6% | 78,870 | 116,309 | -32.2% |
| WTI CALENDAR | 53,364 | 29,601 | 80.3% | 40,180 | 32.8% | 123,082 | 110,441 | 11.4% |
| WTS (ARGUS) VS WTI SWAP | 2,880 | 10,838 | -73.4% | 210 | 1,271.4% | 11,208 | 32,198 | -65.2% |
| WTS (ARGUS) VS WTI TRD MT | 1,052 | 72 | 1,361.1% | 600 | 75.3% | 3,012 | 222 | 1,256.8% |
| Energy Options | | | | | | | | |
| 12 MO GASOIL CAL SWAP SPR | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| BRENT 1 MONTH CAL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 3,000 | -100.0% |
| BRENT CALENDAR SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 1,140 | -100.0% |
| BRENT CRUDE OIL 12 M CSO | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 2,000 | -100.0% |
| BRENT CRUDE OIL 1 M CSO | 3,100 | 122,200 | -97.5% | 3,000 | 3.3% | 21,100 | 122,200 | -82.7% |
| BRENT CRUDE OIL 6 M CSO | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| BRENT OIL LAST DAY | 122,199 | 157,757 | -22.5% | 122,101 | 0.1% | 392,613 | 359,315 | 9.3% |
| COAL API2 INDEX | 350 | 1,330 | -73.7% | 35 | 900.0% | 560 | 3,390 | -83.5% |
| COAL API4 INDEX | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 85 | -100.0% |
| COAL SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| CRUDE OIL | 150 | 0 | - | 0 | - | 150 | 0 | - |
| CRUDE OIL 1MO | 207,304 | 91,250 | 127.2% | 141,200 | 46.8% | 688,304 | 500,985 | 37.4% |
| CRUDE OIL APO | 93,804 | 66,502 | 41.1% | 42,399 | 121.2% | 152,420 | 171,969 | -11.4% |
| CRUDE OIL CALNDR STRIP | 200 | 0 | - | 0 | 0.0% | 200 | 0 | - |
| CRUDE OIL OUTRIGHTS | 0 | 0 | 0.0% | 135 | -100.0% | 960 | 0 | 0.0% |
| CRUDE OIL PHY | 2,116,183 | 3,415,784 | -38.0% | 2,112,129 | 0.2% | 6,776,599 | 11,395,762 | -40.5% |
| ELEC MISO PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ETHANOL | 0 | 100 | -100.0% | 0 | 0.0% | 0 | 100 | -100.0% |
| ETHANOL SWAP | 8,713 | 7,229 | 20.5% | 6,214 | 40.2% | 21,032 | 25,590 | -17.8% |
| EUROPEAN JET KEROSENE NW | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOLINE | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| HEATING OIL CRACK OPTIONS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| HEATING OIL CRK SPD AVG PRI | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| HEATING OIL PHY | 21,115 | 23,526 | -10.2% | 27,705 | -23.8% | 79,871 | 108,965 | -26.7% |
| HENRY HUB FINANCIAL LAST | 4,757 | 1,671 | 184.7% | 2,947 | 61.4% | 18,039 | 13,062 | 38.1% |
| HO 1 MONTH CLNDR OPTIONS | 0 | 0 | 0.0% | 0 | 0.0% | 1,000 | 0 | 0.0% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME MAR 2019 | VOLUME MAR 2018 | % CHG | VOLUME FEB 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|----------------------------|--------------------|--------------------|-----------|--------------------|---------|----------------------|----------------------|---------|
| Energy Options | | | | | | | | |
| LLS CRUDE OIL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 100 | -100.0% |
| MCCLOSKEY ARA ARGS COAL | 0 | 0 | 0.0% | 0 | 0.0% | 130 | 90 | 44.4% |
| MCCLOSKEY RCH BAY COAL | 0 | 675 | -100.0% | 220 | -100.0% | 220 | 1,525 | -85.6% |
| NATURAL GAS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NATURAL GAS 1 M CSO FIN | 7,850 | 0 | 0.0% | 39,150 | -79.9% | 162,500 | 212,542 | -23.5% |
| NATURAL GAS 2 M CSO FIN | 500 | 0 | 0.0% | 0 | 0.0% | 500 | 0 | 0.0% |
| NATURAL GAS 3 M CSO FIN | 4,550 | 30 | 15,066.7% | 550 | 727.3% | 5,100 | 6,481 | -21.3% |
| NATURAL GAS 5 M CSO FIN | 0 | 1,450 | -100.0% | 0 | 0.0% | 0 | 1,450 | -100.0% |
| NATURAL GAS 6 M CSO FIN | 400 | 24,200 | -98.3% | 8,200 | -95.1% | 17,075 | 62,650 | -72.7% |
| NATURAL GAS OPTION ON CALE | 2,800 | 1,320 | 112.1% | 3,600 | -22.2% | 7,300 | 13,824 | -47.2% |
| NATURAL GAS PHY | 986,692 | 1,187,136 | -16.9% | 1,392,542 | -29.1% | 4,854,729 | 7,766,541 | -37.5% |
| NATURAL GAS WINTER STRIP | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| N ROCKIES PIPE SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NY HARBOR HEAT OIL SWP | 1,432 | 2,287 | -37.4% | 799 | 79.2% | 4,478 | 9,887 | -54.7% |
| NYISO ZONE G 5MW PEAK OPTI | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NYMEX EUROPEAN GASOIL APO | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| PANHANDLE PIPE SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PETROCHEMICALS | 32 | 0 | 0.0% | 1,210 | -97.4% | 1,467 | 2,983 | -50.8% |
| PETRO OUTRIGHT EURO | 0 | 0 | 0.0% | 0 | 0.0% | 24 | 0 | 0.0% |
| PETRO OUTRIGHT NA | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| PJM WES HUB PEAK CAL MTH | 100 | 60 | 66.7% | 20 | 400.0% | 120 | 960 | -87.5% |
| PJM WES HUB PEAK LMP 50MW | 396 | 764 | -48.2% | 0 | 0.0% | 836 | 2,993 | -72.1% |
| RBOB 1MO CAL SPD OPTIONS | 0 | 300 | -100.0% | 0 | 0.0% | 150 | 500 | -70.0% |
| RBOB CALENDAR SWAP | 57 | 150 | -62.0% | 0 | 0.0% | 237 | 450 | -47.3% |
| RBOB CRACK | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| RBOB PHY | 10,411 | 8,412 | 23.8% | 15,690 | -33.6% | 34,283 | 38,209 | -10.3% |
| ROTTERDAM 3.5%FUEL OIL CL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| SAN JUAN PIPE SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| SHORT TERM | 0 | 400 | -100.0% | 1,550 | -100.0% | 1,800 | 2,875 | -37.4% |
| SHORT TERM NATURAL GAS | 425 | 1,070 | -60.3% | 1,925 | -77.9% | 4,000 | 5,896 | -32.2% |
| SINGAPORE GASOIL CALENDAR | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| SINGAPORE JET FUEL CALEND | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| SOCAL PIPE SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| WTI-BRENT BULLET SWAP | 23,700 | 156,858 | -84.9% | 75,650 | -68.7% | 185,505 | 385,728 | -51.9% |
| WTI CRUDE OIL 1 M CSO FI | 57,850 | 86,625 | -33.2% | 32,050 | 80.5% | 150,350 | 203,550 | -26.1% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME MAR 2019 | VOLUME MAR 2018 | % CHG | VOLUME FEB 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|------------------------|--------------------|--------------------|----------|--------------------|----------|----------------------|----------------------|---------|
| FX Futures | | | | | | | | |
| AD/CD CROSS RATES | 17 | 0 | 0.0% | 18 | -5.6% | 52 | 22 | 136.4% |
| AD/JY CROSS RATES | 4,052 | 4,921 | -17.7% | 2,282 | 77.6% | 8,915 | 13,279 | -32.9% |
| AD/NE CROSS RATES | 125 | 125 | 0.0% | 4 | 3,025.0% | 132 | 273 | -51.6% |
| AUSTRALIAN DOLLAR | 2,274,445 | 2,580,104 | -11.8% | 2,009,156 | 13.2% | 6,486,810 | 7,667,780 | -15.4% |
| BDI | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| BP/JY CROSS RATES | 2,892 | 4,281 | -32.4% | 934 | 209.6% | 6,216 | 12,518 | -50.3% |
| BP/SF CROSS RATES | 401 | 433 | -7.4% | 136 | 194.9% | 1,153 | 892 | 29.3% |
| BRAZIL REAL | 166,630 | 111,011 | 50.1% | 91,838 | 81.4% | 364,279 | 349,137 | 4.3% |
| BRITISH POUND | 3,367,730 | 3,020,140 | 11.5% | 2,153,534 | 56.4% | 7,908,696 | 8,689,869 | -9.0% |
| CANADIAN DOLLAR | 1,866,908 | 2,109,988 | -11.5% | 1,255,650 | 48.7% | 4,648,964 | 5,453,721 | -14.8% |
| CD/JY CROSS RATES | 16 | 102 | -84.3% | 0 | 0.0% | 18 | 542 | -96.7% |
| CHINESE RENMINBI (CNH) | 20,596 | 3,245 | 534.7% | 33,150 | -37.9% | 78,488 | 7,724 | 916.2% |
| CZECK KORUNA (EC) | 4 | 0 | - | 2 | 100.0% | 10 | 0 | - |
| CZECK KORUNA (US) | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| EC/AD CROSS RATES | 10,551 | 4,091 | 157.9% | 2,017 | 423.1% | 15,559 | 6,033 | 157.9% |
| EC/CD CROSS RATES | 7,197 | 8,541 | -15.7% | 553 | 1,201.4% | 8,788 | 14,200 | -38.1% |
| EC/NOK CROSS RATES | 979 | 427 | 129.3% | 112 | 774.1% | 1,290 | 925 | 39.5% |
| EC/SEK CROSS RATES | 1,923 | 1,838 | 4.6% | 461 | 317.1% | 2,650 | 2,908 | -8.9% |
| EFX/BP CROSS RATES | 167,718 | 143,132 | 17.2% | 62,773 | 167.2% | 310,990 | 274,201 | 13.4% |
| EFX/JY CROSS RATES | 152,803 | 124,510 | 22.7% | 29,213 | 423.1% | 225,930 | 276,673 | -18.3% |
| EFX/SF CROSS RATES | 51,939 | 44,965 | 15.5% | 17,336 | 199.6% | 94,057 | 95,183 | -1.2% |
| E-MICRO AUD/USD | 122,996 | 94,520 | 30.1% | 122,629 | 0.3% | 378,921 | 314,610 | 20.4% |
| E-MICRO CAD/USD | 17,822 | 21,558 | -17.3% | 14,717 | 21.1% | 47,320 | 61,270 | -22.8% |
| E-MICRO CHF/USD | 2,787 | 1,322 | 110.8% | 1,825 | 52.7% | 6,083 | 4,152 | 46.5% |
| E-MICRO EUR/USD | 254,721 | 374,764 | -32.0% | 203,822 | 25.0% | 764,470 | 1,208,449 | -36.7% |
| E-MICRO GBP/USD | 76,546 | 55,294 | 38.4% | 33,057 | 131.6% | 157,491 | 189,159 | -16.7% |
| E-MICRO INR/USD | 4,411 | 3,888 | 13.5% | 5,832 | -24.4% | 15,745 | 9,650 | 63.2% |
| E-MICRO JPY/USD | 25,058 | 40,873 | -38.7% | 24,349 | 2.9% | 88,646 | 106,746 | -17.0% |
| E-MINI EURO FX | 124,817 | 99,665 | 25.2% | 71,454 | 74.7% | 280,274 | 332,963 | -15.8% |
| E-MINI JAPANESE YEN | 11,347 | 12,405 | -8.5% | 8,437 | 34.5% | 37,298 | 41,505 | -10.1% |
| EURO FX | 5,517,744 | 6,336,231 | -12.9% | 3,318,912 | 66.3% | 12,986,320 | 17,451,022 | -25.6% |
| HUNGARIAN FORINT (EC) | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 18 | -100.0% |
| HUNGARIAN FORINT (US) | 0 | 0 | - | 0 | 0.0% | 4 | 0 | - |
| INDIAN RUPEE | 72,238 | 64,409 | 12.2% | 89,347 | -19.1% | 243,727 | 281,037 | -13.3% |
| JAPANESE YEN | 2,896,634 | 3,574,163 | -19.0% | 2,013,315 | 43.9% | 7,586,707 | 10,511,679 | -27.8% |
| KOREAN WON | 715 | 157 | 355.4% | 276 | 159.1% | 1,969 | 1,038 | 89.7% |
| MEXICAN PESO | 1,860,159 | 1,639,422 | 13.5% | 1,019,961 | 82.4% | 4,106,611 | 4,052,645 | 1.3% |
| NEW ZEALND DOLLAR | 649,547 | 638,623 | 1.7% | 505,470 | 28.5% | 1,787,452 | 2,058,689 | -13.2% |
| NKR/USD CROSS RATE | 7,453 | 6,707 | 11.1% | 2,051 | 263.4% | 11,877 | 12,695 | -6.4% |
| POLISH ZLOTY (EC) | 160 | 10 | 1,500.0% | 32 | 400.0% | 273 | 44 | 520.5% |
| POLISH ZLOTY (US) | 221 | 135 | 63.7% | 131 | 68.7% | 430 | 418 | 2.9% |
| RMB USD | 0 | 1 | -100.0% | 0 | 0.0% | 1 | 15 | -93.3% |
| RUSSIAN RUBLE | 141,753 | 119,452 | 18.7% | 41,667 | 240.2% | 242,083 | 200,742 | 20.6% |
| S.AFRICAN RAND | 62,388 | 56,701 | 10.0% | 39,622 | 57.5% | 142,080 | 135,370 | 5.0% |
| SF/JY CROSS RATES | 0 | 0 | 0.0% | 2 | -100.0% | 7 | 192 | -96.4% |
| SHEKEL | 0 | 1,515 | -100.0% | 0 | 0.0% | 0 | 1,659 | -100.0% |
| SKR/USD CROSS RATES | 5,760 | 7,414 | -22.3% | 2,296 | 150.9% | 10,144 | 12,748 | -20.4% |
| SWISS FRANC | 688,341 | 651,213 | 5.7% | 340,446 | 102.2% | 1,499,683 | 1,885,919 | -20.5% |
| TURKISH LIRA | 3,262 | 15,537 | -79.0% | 343 | 851.0% | 3,735 | 18,209 | -79.5% |
| USDZAR | 0 | 1 | -100.0% | 0 | 0.0% | 20 | 5 | 300.0% |

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|---------------------------------|--------------------|--------------------|---------|--------------------|--------|----------------------|----------------------|---------|
| FX Options | | | | | | | | |
| AUD/USD PQO 2pm Fix | 103,549 | 123,539 | -16.2% | 82,860 | 25.0% | 292,252 | 435,990 | -33.0% |
| AUSTRALIAN DLR (EU) | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| AUSTRALIAN DOLLAR | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| BRITISH POUND | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| BRITISH POUND (EU) | 0 | 7 | -100.0% | 0 | 0.0% | 0 | 114 | -100.0% |
| CAD/USD PQO 2pm Fix | 115,303 | 171,390 | -32.7% | 90,349 | 27.6% | 311,050 | 531,144 | -41.4% |
| CANADIAN DOLLAR | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CANADIAN DOLLAR (EU) | 0 | 1 | -100.0% | 0 | 0.0% | 0 | 63 | -100.0% |
| CHF/USD PQO 2pm Fix | 3,464 | 1,058 | 227.4% | 1,819 | 90.4% | 7,277 | 4,959 | 46.7% |
| EFX/BP CROSS RATES | 19 | 0 | - | 25 | -24.0% | 74 | 0 | - |
| EFX/JY CROSS RATES | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 2,870 | -100.0% |
| EURO FX | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| EURO FX (EU) | 0 | 5 | -100.0% | 0 | 0.0% | 0 | 21 | -100.0% |
| EUR/USD PQO 2pm Fix | 575,417 | 705,471 | -18.4% | 454,026 | 26.7% | 1,592,825 | 2,669,884 | -40.3% |
| GBP/USD PQO 2pm Fix | 238,630 | 235,071 | 1.5% | 166,532 | 43.3% | 640,761 | 816,080 | -21.5% |
| JAPANESE YEN | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| JAPANESE YEN (EU) | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| JPY/USD PQO 2pm Fix | 208,488 | 290,108 | -28.1% | 163,727 | 27.3% | 556,345 | 871,538 | -36.2% |
| MEXICAN PESO | 1,919 | 1,419 | 35.2% | 1,779 | 7.9% | 5,107 | 3,273 | 56.0% |
| NEW ZEALND DOLLAR | 64 | 0 | - | 1,603 | -96.0% | 2,146 | 0 | - |
| SWISS FRANC | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| SWISS FRANC (EU) | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| Ags Futures | | | | | | | | |
| FERTILIZER PRODUCS | 900 | 450 | 100.0% | 1,350 | -33.3% | 4,100 | 3,675 | 11.6% |
| Foreign Exchange Futures | | | | | | | | |
| CHILEAN PESO | 0 | 3,540 | -100.0% | 0 | 0.0% | 0 | 10,203 | -100.0% |
| Foreign Exchange Options | | | | | | | | |
| AUD/USD PQO 2pm Fix | 1,436 | 333 | 331.2% | 851 | 68.7% | 2,808 | 1,506 | 86.5% |

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|-----------------------------|--------------------|--------------------|--------|--------------------|----------|----------------------|----------------------|--------|
| Ag Products Futures | | | | | | | | |
| BUTTER CS | 3,547 | 3,209 | 10.5% | 3,006 | 18.0% | 11,315 | 15,279 | -25.9% |
| CASH-SETTLED CHEESE | 11,762 | 6,578 | 78.8% | 11,845 | -0.7% | 39,084 | 29,017 | 34.7% |
| CATTLE | 1,778,880 | 1,621,683 | 9.7% | 1,139,689 | 56.1% | 4,576,100 | 4,193,717 | 9.1% |
| CDD SEASONAL STRIP | 0 | 0 | 0.0% | 100 | -100.0% | 100 | 0 | 0.0% |
| CDD WEATHER | 2,000 | 0 | 0.0% | 0 | 0.0% | 2,000 | 0 | 0.0% |
| CHI WHEAT | 2,584,211 | 3,045,313 | -15.1% | 3,438,165 | -24.8% | 7,946,916 | 9,476,261 | -16.1% |
| CLASS IV MILK | 1,922 | 524 | 266.8% | 1,352 | 42.2% | 8,114 | 1,956 | 314.8% |
| COCOA TAS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| COFFEE | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CORN | 7,945,280 | 8,754,615 | -9.2% | 10,270,737 | -22.6% | 24,224,661 | 26,047,955 | -7.0% |
| COTTON | 0 | 0 | 0.0% | 0 | 0.0% | 3 | 2 | 50.0% |
| DJ_UBS ROLL SELECT INDEX FU | 3,776 | 1,646 | 129.4% | 0 | 0.0% | 3,776 | 2,384 | 58.4% |
| DOW-UBS COMMOD INDEX | 97,776 | 133,340 | -26.7% | 16,587 | 489.5% | 137,191 | 266,794 | -48.6% |
| DRY WHEY | 1,040 | 682 | 52.5% | 1,593 | -34.7% | 4,423 | 3,843 | 15.1% |
| FEEDER CATTLE | 369,642 | 339,715 | 8.8% | 265,244 | 39.4% | 894,778 | 882,417 | 1.4% |
| FERTILIZER PRODUCTS | 1,125 | 2,455 | -54.2% | 1,915 | -41.3% | 5,640 | 6,325 | -10.8% |
| GOLDMAN SACHS | 27,033 | 34,285 | -21.2% | 31,502 | -14.2% | 89,965 | 93,948 | -4.2% |
| GSCI EXCESS RETURN FUT | 112,594 | 118,154 | -4.7% | 2,110 | 5,236.2% | 118,602 | 125,546 | -5.5% |
| HDD EURO SEASONAL STRIP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| HDD SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD WEATHER | 0 | 0 | 0.0% | 1,000 | -100.0% | 2,100 | 505 | 315.8% |
| HDD WEATHER EUROPEAN | 1,000 | 0 | 0.0% | 0 | 0.0% | 3,000 | 0 | 0.0% |
| HOGS | 1,716,059 | 1,149,911 | 49.2% | 982,779 | 74.6% | 3,811,229 | 3,078,775 | 23.8% |
| HOUSING INDEX | 42 | 9 | 366.7% | 2 | 2,000.0% | 47 | 21 | 123.8% |
| Intercommodity Spread | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| KC WHEAT | 1,113,103 | 1,360,954 | -18.2% | 1,737,289 | -35.9% | 3,779,133 | 4,532,074 | -16.6% |
| LUMBER | 11,140 | 15,354 | -27.4% | 14,588 | -23.6% | 40,192 | 52,269 | -23.1% |
| MALAYSIAN PALM SWAP | 2,000 | 3,820 | -47.6% | 2,240 | -10.7% | 5,940 | 10,700 | -44.5% |
| MILK | 23,083 | 17,419 | 32.5% | 25,049 | -7.8% | 75,770 | 59,711 | 26.9% |
| MINI CORN | 7,860 | 11,946 | -34.2% | 7,461 | 5.3% | 21,349 | 30,716 | -30.5% |
| MINI SOYBEAN | 10,776 | 33,293 | -67.6% | 21,436 | -49.7% | 49,042 | 92,969 | -47.2% |
| MINI WHEAT | 5,265 | 7,279 | -27.7% | 4,506 | 16.8% | 13,156 | 17,998 | -26.9% |
| MLK MID OPTIONS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NFD MILK | 6,727 | 5,600 | 20.1% | 5,768 | 16.6% | 21,450 | 15,621 | 37.3% |
| OATS | 10,206 | 14,719 | -30.7% | 16,765 | -39.1% | 37,465 | 45,265 | -17.2% |
| ROUGH RICE | 14,456 | 8,866 | 63.0% | 27,487 | -47.4% | 52,774 | 48,014 | 9.9% |
| SOYBEAN | 3,351,469 | 5,116,218 | -34.5% | 4,692,783 | -28.6% | 11,289,338 | 15,982,628 | -29.4% |
| SOYBEAN MEAL | 1,871,053 | 2,294,948 | -18.5% | 2,688,779 | -30.4% | 6,397,794 | 8,244,288 | -22.4% |
| SOYBEAN OIL | 2,023,067 | 2,185,274 | -7.4% | 2,890,136 | -30.0% | 6,888,679 | 7,815,612 | -11.9% |
| S&P GSCI ENHANCED ER SWAP | 7,524 | 7,524 | 0.0% | 0 | 0.0% | 14,870 | 18,790 | -20.9% |
| SUGAR 11 | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| USD CRUDE PALM OIL | 964 | 400 | 141.0% | 750 | 28.5% | 5,136 | 1,160 | 342.8% |
| WHEAT | 20,826 | 11,030 | 88.8% | 13,677 | 52.3% | 44,368 | 20,462 | 116.8% |

Ag Products Options

| | | | | | | | | |
|--------------------------|---------|---------|--------|---------|--------|---------|---------|--------|
| AUG-NOV SOYBEAN CAL SPRD | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| BUTTER CS | 2,809 | 1,737 | 61.7% | 2,488 | 12.9% | 12,287 | 8,129 | 51.2% |
| CASH-SETTLED CHEESE | 8,667 | 5,735 | 51.1% | 11,452 | -24.3% | 34,323 | 30,012 | 14.4% |
| CATTLE | 254,597 | 330,779 | -23.0% | 162,504 | 56.7% | 580,510 | 813,134 | -28.6% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME MAR 2019 | VOLUME MAR 2018 | % CHG | VOLUME FEB 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|----------------------------|--------------------|--------------------|----------|--------------------|----------|----------------------|----------------------|----------|
| Ag Products Options | | | | | | | | |
| CDD SEASONAL STRIP | 2,000 | 0 | 0.0% | 0 | 0.0% | 2,000 | 0 | 0.0% |
| CDD WEATHER | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CHI WHEAT | 859,178 | 840,286 | 2.2% | 858,585 | 0.1% | 2,292,474 | 2,404,874 | -4.7% |
| CLASS IV MILK | 4,138 | 289 | 1,331.8% | 3,782 | 9.4% | 13,849 | 2,806 | 393.5% |
| CORN | 2,463,263 | 2,531,231 | -2.7% | 1,897,064 | 29.8% | 5,794,422 | 5,649,343 | 2.6% |
| CORN NEARBY+2 CAL SPRD | 1,571 | 2,848 | -44.8% | 5,150 | -69.5% | 8,471 | 6,698 | 26.5% |
| DEC-DEC CORN CAL SPRD | 15 | 754 | -98.0% | 38 | -60.5% | 573 | 1,076 | -46.7% |
| DEC-JULY CORN CAL SPRD | 1,800 | 0 | 0.0% | 200 | 800.0% | 3,700 | 0 | 0.0% |
| DEC-JULY WHEAT CAL SPRD | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| DRY WHEY | 1,022 | 354 | 188.7% | 747 | 36.8% | 2,506 | 1,492 | 68.0% |
| FEEDER CATTLE | 33,367 | 45,457 | -26.6% | 17,691 | 88.6% | 76,968 | 109,167 | -29.5% |
| HDD EURO SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD WEATHER | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD WEATHER EUROPEAN | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| HOGS | 549,725 | 223,479 | 146.0% | 231,617 | 137.3% | 1,033,430 | 554,463 | 86.4% |
| HOUSING INDEX | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| Intercommodity Spread | 263 | 672 | -60.9% | 317 | -17.0% | 580 | 7,200 | -91.9% |
| JAN-MAY SOYBEAN CAL SPRD | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| JULY-DEC CORN CAL SPRD | 1,380 | 4,200 | -67.1% | 3,505 | -60.6% | 4,985 | 4,619 | 7.9% |
| JULY-DEC SOYMEAL CAL SPRD | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| JULY-DEC SOY OIL CAL SPRD | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| JULY-DEC WHEAT CAL SPRD | 0 | 225 | -100.0% | 700 | -100.0% | 1,300 | 475 | 173.7% |
| JULY-NOV SOYBEAN CAL SPRD | 742 | 19,444 | -96.2% | 1,168 | -36.5% | 3,741 | 35,967 | -89.6% |
| KC WHEAT | 109,219 | 120,966 | -9.7% | 101,472 | 7.6% | 273,129 | 299,857 | -8.9% |
| LUMBER | 2,250 | 1,551 | 45.1% | 1,182 | 90.4% | 5,740 | 5,623 | 2.1% |
| LV CATL CSO | 30 | 5 | 500.0% | 35 | -14.3% | 409 | 10 | 3,990.0% |
| MAR-JULY CORN CAL SPRD | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| MAR-JULY WHEAT CAL SPRD | 0 | 0 | 0.0% | 30 | -100.0% | 30 | 200 | -85.0% |
| MILK | 28,944 | 22,587 | 28.1% | 31,576 | -8.3% | 106,883 | 77,171 | 38.5% |
| MLK MID OPTIONS | 38 | 39 | -2.6% | 13 | 192.3% | 106 | 123 | -13.8% |
| NFD MILK | 5,801 | 6,046 | -4.1% | 6,589 | -12.0% | 29,186 | 14,744 | 98.0% |
| NOV-JULY SOYBEAN CAL SPRD | 0 | 0 | 0.0% | 50 | -100.0% | 50 | 1 | 4,900.0% |
| NOV-MAR SOYBEAN CSO | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| NOV-NOV SOYBEAN CAL SPRD | 0 | 0 | 0.0% | 14 | -100.0% | 114 | 9 | 1,166.7% |
| OATS | 307 | 696 | -55.9% | 720 | -57.4% | 2,439 | 1,529 | 59.5% |
| ROUGH RICE | 2,148 | 796 | 169.8% | 3,735 | -42.5% | 7,191 | 3,934 | 82.8% |
| SEP-DEC SOYBEAN MEAL CSO | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| SOYBEAN | 912,515 | 1,801,217 | -49.3% | 1,025,596 | -11.0% | 2,950,252 | 5,005,237 | -41.1% |
| SOYBEAN CRUSH | 0 | 31 | -100.0% | 0 | 0.0% | 0 | 72 | -100.0% |
| SOYBEAN MEAL | 126,951 | 355,463 | -64.3% | 128,928 | -1.5% | 418,852 | 1,033,087 | -59.5% |
| SOYBEAN OIL | 93,202 | 142,281 | -34.5% | 121,062 | -23.0% | 329,108 | 398,183 | -17.3% |
| SOYBN NEARBY+2 CAL SPRD | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| SOYMEAL NEARBY+2 CAL SPRD | 0 | 0 | - | 0 | 0.0% | 450 | 0 | - |
| WHEAT | 7,604 | 100 | 7,504.0% | 678 | 1,021.5% | 10,414 | 564 | 1,746.5% |
| WHEAT-CORN IC SO | 1,250 | 0 | 0.0% | 0 | 0.0% | 1,850 | 2,045 | -9.5% |
| WHEAT NEARBY+2 CAL SPRD | 10 | 930 | -98.9% | 1,040 | -99.0% | 1,280 | 6,456 | -80.2% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME MAR 2019 | VOLUME MAR 2018 | % CHG | VOLUME FEB 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|----------------------------|--------------------|--------------------|--------------|--------------------|--------------|----------------------|----------------------|---------------|
| TOTAL FUTURES GROUP | | | | | | | | |
| Interest Rate Futures | 156,770,300 | 169,761,251 | -7.7% | 163,285,683 | -4.0% | 464,154,710 | 542,219,597 | -14.4% |
| Equity Index Futures | 60,864,384 | 73,765,873 | -17.5% | 40,230,351 | 51.3% | 155,504,404 | 183,144,734 | -15.1% |
| Metals Futures | 10,928,533 | 13,224,352 | -17.4% | 8,993,344 | 21.5% | 30,464,441 | 39,999,313 | -23.8% |
| Energy Futures | 41,992,387 | 44,022,634 | -4.6% | 40,195,932 | 4.5% | 128,608,566 | 146,580,103 | -12.3% |
| FX Futures | 20,643,806 | 21,977,834 | -6.1% | 13,519,162 | 52.7% | 50,562,368 | 61,758,528 | -18.1% |
| Ags Futures | 900 | 450 | 100.0% | 1,350 | -33.3% | 4,100 | 3,675 | 11.6% |
| Foreign Exchange Futures | 0 | 3,540 | -100.0% | 0 | 0.0% | 0 | 10,203 | -100.0% |
| Ag Products Futures | 23,137,208 | 26,306,763 | -12.0% | 28,316,340 | -18.3% | 70,615,500 | 81,213,022 | -13.0% |
| TOTAL FUTURES | 314,337,518 | 349,062,697 | -9.9% | 294,542,162 | 6.7% | 899,914,089 | 1,054,929,175 | -14.7% |
| TOTAL OPTIONS GROUP | | | | | | | | |
| Equity Index Options | 12,361,725 | 18,558,234 | -33.4% | 10,615,503 | 16.4% | 36,958,775 | 66,176,793 | -44.2% |
| Interest Rate Options | 61,690,956 | 55,210,363 | 11.7% | 46,098,811 | 33.8% | 164,965,959 | 186,609,366 | -11.6% |
| Metals Options | 1,497,375 | 1,126,872 | 32.9% | 973,800 | 53.8% | 3,765,512 | 3,485,686 | 8.0% |
| Energy Options | 3,675,070 | 5,359,086 | -31.4% | 4,031,021 | -8.8% | 13,583,652 | 21,426,797 | -36.6% |
| FX Options | 1,246,853 | 1,528,069 | -18.4% | 962,720 | 29.5% | 3,407,837 | 5,335,936 | -36.1% |
| Ag Products Options | 5,474,806 | 6,460,198 | -15.3% | 4,619,728 | 18.5% | 14,003,602 | 16,478,300 | -15.0% |
| Foreign Exchange Options | 1,436 | 333 | 331.2% | 851 | 68.7% | 2,808 | 1,506 | 86.5% |
| TOTAL OPTIONS | 85,948,221 | 88,243,155 | -2.6% | 67,302,434 | 27.7% | 236,688,145 | 299,514,384 | -21.0% |
| TOTAL COMBINED | | | | | | | | |
| Interest Rate | 218,461,256 | 224,971,614 | -2.9% | 209,384,494 | 4.3% | 629,120,669 | 728,828,963 | -13.7% |
| Equity Index | 73,226,109 | 92,324,107 | -20.7% | 50,845,854 | 44.0% | 192,463,179 | 249,321,527 | -22.8% |
| Metals | 12,425,908 | 14,351,224 | -13.4% | 9,967,144 | 24.7% | 34,229,953 | 43,484,999 | -21.3% |
| Energy | 45,667,457 | 49,381,720 | -7.5% | 44,226,953 | 3.3% | 142,192,218 | 168,006,900 | -15.4% |
| FX | 21,890,659 | 23,505,903 | -6.9% | 14,481,882 | 51.2% | 53,970,205 | 67,094,464 | -19.6% |
| Ags | 900 | 450 | 100.0% | 1,350 | -33.3% | 4,100 | 3,675 | 11.6% |
| Foreign Exchange | 1,436 | 3,873 | -62.9% | 851 | 68.7% | 2,808 | 11,709 | -76.0% |
| Ag Products | 28,612,014 | 32,766,961 | -12.7% | 32,936,068 | -13.1% | 84,619,102 | 97,691,322 | -13.4% |
| GRAND TOTAL | 400,285,739 | 437,305,852 | -8.5% | 361,844,596 | 10.6% | 1,136,602,234 | 1,354,443,559 | -16.1% |

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