



CMEG Exchange Volume Report - Monthly

| | VOLUME JUN 2019 | VOLUME JUN 2018 | % CHG | VOLUME MAY 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|------------------------------|--------------------|--------------------|----------|--------------------|--------|----------------------|----------------------|-----------|
| Interest Rate Futures | | | | | | | | |
| 10-YR NOTE | 33,426,305 | 31,980,532 | 4.5% | 56,919,411 | -41.3% | 225,487,509 | 230,838,289 | -2.3% |
| 10-YR SWAP RATE | 142,668 | 82,200 | 73.6% | 27,721 | 414.7% | 396,486 | 307,782 | 28.8% |
| 15-YR SWAP RATE | 0 | 0 | - | 0 | 0.0% | 5,500 | 0 | - |
| 1-MONTH EURODOLLAR | 35 | 7,907 | -99.6% | 31 | 12.9% | 186 | 30,442 | -99.4% |
| 20-YR SWAP RATE | 0 | 0 | - | 0 | 0.0% | 46 | 0 | - |
| 2-YR NOTE | 12,310,752 | 6,815,871 | 80.6% | 25,719,814 | -52.1% | 88,430,443 | 69,424,511 | 27.4% |
| 2-YR SWAP RATE | 91,216 | 0 | - | 40,435 | 125.6% | 290,772 | 0 | - |
| 30-YR BOND | 6,005,662 | 6,048,603 | -0.7% | 9,727,944 | -38.3% | 42,122,919 | 45,193,221 | -6.8% |
| 30-YR SWAP RATE | 1,199 | 54 | 2,120.4% | 636 | 88.5% | 4,727 | 983 | 380.9% |
| 3-YR SWAP RATE | 19,713 | 0 | - | 8,986 | 119.4% | 67,503 | 0 | - |
| 4-YR SWAP RATE | 14,944 | 0 | - | 28,369 | -47.3% | 75,477 | 0 | - |
| 5-YR NOTE | 21,318,978 | 17,379,385 | 22.7% | 39,172,146 | -45.6% | 149,743,439 | 143,707,554 | 4.2% |
| 5-YR SWAP RATE | 146,938 | 45,757 | 221.1% | 73,185 | 100.8% | 496,764 | 172,403 | 188.1% |
| 7-YR SWAP RATE | 9,255 | 0 | - | 7,391 | 25.2% | 31,342 | 0 | - |
| EURODOLLARS | 78,392,821 | 53,227,407 | 47.3% | 73,665,276 | 6.4% | 379,025,224 | 423,822,552 | -10.6% |
| FED FUND | 11,758,864 | 5,819,388 | 102.1% | 9,473,062 | 24.1% | 44,002,502 | 34,965,403 | 25.8% |
| SOFR | 558,943 | 32,511 | 1,619.2% | 704,857 | -20.7% | 3,527,922 | 66,142 | 5,233.9% |
| SONIA | 138,518 | 0 | - | 189,522 | -26.9% | 979,077 | 0 | - |
| Ultra 10-Year Note | 4,385,027 | 3,072,590 | 42.7% | 7,198,555 | -39.1% | 27,249,334 | 23,950,493 | 13.8% |
| ULTRA T-BOND | 2,924,509 | 2,770,209 | 5.6% | 6,886,883 | -57.5% | 23,926,221 | 22,565,973 | 6.0% |
| Interest Rate Options | | | | | | | | |
| 10-YR NOTE | 13,059,278 | 13,179,212 | -0.9% | 16,644,420 | -21.5% | 79,995,826 | 82,237,373 | -2.7% |
| 2-YR NOTE | 609,057 | 585,440 | 4.0% | 750,504 | -18.8% | 3,160,088 | 3,248,892 | -2.7% |
| 30-YR BOND | 2,601,237 | 1,963,120 | 32.5% | 3,609,149 | -27.9% | 16,574,141 | 15,826,893 | 4.7% |
| 5-YR NOTE | 5,517,393 | 3,768,340 | 46.4% | 6,371,187 | -13.4% | 28,386,541 | 21,417,182 | 32.5% |
| EURODOLLARS | 45,362,182 | 12,210,863 | 271.5% | 26,234,480 | 72.9% | 150,519,366 | 97,616,647 | 54.2% |
| EURO MIDCURVE | 18,216,376 | 13,552,067 | 34.4% | 20,702,536 | -12.0% | 94,868,323 | 102,173,334 | -7.1% |
| FED FUND | 1,000 | 0 | 0.0% | 0 | 0.0% | 1,452 | 17,017 | -91.5% |
| Ultra 10-Year Note | 1,330 | 0 | 0.0% | 4,331 | -69.3% | 16,946 | 28 | 60,421.4% |
| ULTRA T-BOND | 20,110 | 2,993 | 571.9% | 26,615 | -24.4% | 94,822 | 41,893 | 126.3% |

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|-----------------------------|--------------------|--------------------|----------|--------------------|---------|----------------------|----------------------|----------|
| Equity Index Futures | | | | | | | | |
| BITCOIN FUTURES | 167,362 | 63,777 | 162.4% | 299,290 | -44.1% | 941,222 | 341,986 | 175.2% |
| DJ US REAL ESTATE | 93,602 | 100,980 | -7.3% | 19,241 | 386.5% | 274,376 | 294,398 | -6.8% |
| E-mini (\$5) Dow | 4,224,505 | 4,558,504 | -7.3% | 5,889,586 | -28.3% | 26,948,217 | 31,598,720 | -14.7% |
| E-MINI COM SERVICES SELECT | 10,521 | 0 | - | 4,557 | 130.9% | 36,449 | 0 | - |
| E-mini FTSE 100 (USD) | 0 | 935 | -100.0% | 0 | 0.0% | 336 | 9,920 | -96.6% |
| E-mini FTSE China 50 | 13 | 866 | -98.5% | 2 | 550.0% | 711 | 7,469 | -90.5% |
| E-MINI MIDCAP | 431,823 | 498,591 | -13.4% | 307,568 | 40.4% | 2,056,325 | 2,464,044 | -16.5% |
| E-MINI NASDAQ 100 | 9,467,968 | 8,400,023 | 12.7% | 12,812,908 | -26.1% | 59,791,592 | 55,467,723 | 7.8% |
| E-MINI RUSSELL 1000 | 21,618 | 30,490 | -29.1% | 7,440 | 190.6% | 59,014 | 93,330 | -36.8% |
| E-MINI RUSSELL 1000 GROWTH | 12,775 | 17,677 | -27.7% | 5,030 | 154.0% | 38,124 | 72,525 | -47.4% |
| E-MINI RUSSELL 1000 VALUE | 19,758 | 23,487 | -15.9% | 8,787 | 124.9% | 99,573 | 94,931 | 4.9% |
| E-MINI RUSSELL 2000 | 3,663,923 | 3,945,041 | -7.1% | 3,219,293 | 13.8% | 18,151,178 | 17,514,874 | 3.6% |
| E-MINI S&P500 | 36,451,026 | 35,955,286 | 1.4% | 41,914,412 | -13.0% | 200,348,873 | 220,113,571 | -9.0% |
| E-MINI S&P REAL ESTATE SELE | 8,589 | 13,183 | -34.8% | 3,484 | 146.5% | 27,924 | 48,845 | -42.8% |
| FT-SE 100 | 0 | 940 | -100.0% | 0 | 0.0% | 372 | 8,131 | -95.4% |
| FTSE Emerging | 1,816 | 65 | 2,693.8% | 2,420 | -25.0% | 13,509 | 687 | 1,866.4% |
| IBOVESPA INDEX | 592 | 972 | -39.1% | 209 | 183.3% | 3,791 | 6,971 | -45.6% |
| MICRO E-MINI NASDAQ 100 | 3,029,064 | 0 | - | 2,994,347 | 1.2% | 6,023,411 | 0 | - |
| MICRO E-MINI RUSSELL 2000 | 375,630 | 0 | - | 543,257 | -30.9% | 918,887 | 0 | - |
| MICRO E-MINI S&P500 | 4,529,623 | 0 | - | 4,818,422 | -6.0% | 9,348,045 | 0 | - |
| MICRO MINI \$5 DOW | 800,243 | 0 | - | 943,066 | -15.1% | 1,743,309 | 0 | - |
| NASDAQ BIOTECH | 468 | 2,224 | -79.0% | 649 | -27.9% | 1,856 | 5,448 | -65.9% |
| NIFTY 50 | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 54,444 | -100.0% |
| NIKKEI 225 (\$) STOCK | 269,391 | 270,630 | -0.5% | 257,193 | 4.7% | 1,345,571 | 2,135,226 | -37.0% |
| NIKKEI 225 (YEN) STOCK | 894,089 | 766,529 | 16.6% | 980,979 | -8.9% | 4,610,993 | 5,713,798 | -19.3% |
| S&P 500 | 124,123 | 157,986 | -21.4% | 65,384 | 89.8% | 631,424 | 906,280 | -30.3% |
| S&P 500 ANNUAL DIVIDEND IND | 28,113 | 13,742 | 104.6% | 22,249 | 26.4% | 146,521 | 82,180 | 78.3% |
| S&P 500/GI | 20 | 26 | -23.1% | 0 | 0.0% | 40 | 52 | -23.1% |
| S&P 500 QUARLY DIVIDEND IND | 0 | 20 | -100.0% | 20 | -100.0% | 521 | 462 | 12.8% |
| S&P 600 SMALLCAP EMINI | 538 | 0 | - | 0 | 0.0% | 538 | 0 | - |
| S&P CONSUMER DSCRTNRY SE | 13,285 | 27,106 | -51.0% | 7,256 | 83.1% | 60,814 | 116,779 | -47.9% |
| S&P CONSUMER STAPLES SECT | 40,432 | 28,270 | 43.0% | 10,291 | 292.9% | 132,874 | 148,960 | -10.8% |
| S&P ENERGY SECTOR | 26,238 | 74,852 | -64.9% | 10,891 | 140.9% | 120,911 | 216,036 | -44.0% |
| S&P FINANCIAL SECTOR | 59,325 | 87,169 | -31.9% | 23,600 | 151.4% | 211,639 | 308,188 | -31.3% |
| S&P HEALTH CARE SECTOR | 29,628 | 22,876 | 29.5% | 8,800 | 236.7% | 118,886 | 96,277 | 23.5% |
| S&P INDUSTRIAL SECTOR | 13,436 | 16,422 | -18.2% | 6,842 | 96.4% | 84,502 | 85,826 | -1.5% |
| S&P MATERIALS SECTOR | 12,815 | 16,441 | -22.1% | 9,562 | 34.0% | 71,729 | 65,637 | 9.3% |
| S&P TECHNOLOGY SECTOR | 24,169 | 37,470 | -35.5% | 11,884 | 103.4% | 103,020 | 160,374 | -35.8% |
| S&P UTILITIES SECTOR | 50,320 | 76,290 | -34.0% | 25,117 | 100.3% | 203,389 | 242,531 | -16.1% |
| S&P VALUE INDEX FUTURES | 24 | 28 | -14.3% | 0 | 0.0% | 48 | 56 | -14.3% |
| YEN DENOMINATED TOPIX | 20,455 | 843 | 2,326.5% | 31,706 | -35.5% | 103,299 | 2,274 | 4,442.6% |

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| Equity Index Options | | | | | | | | |
| E-mini (\$5) Dow | 2,984 | 9,269 | -67.8% | 3,618 | -17.5% | 26,486 | 66,147 | -60.0% |
| E-MINI NASDAQ 100 | 206,567 | 182,334 | 13.3% | 248,407 | -16.8% | 1,238,807 | 1,482,469 | -16.4% |
| E-MINI RUSSELL 2000 | 18,126 | 8,249 | 119.7% | 18,583 | -2.5% | 78,206 | 83,245 | -6.1% |
| E-MINI S&P500 | 5,602,616 | 4,605,152 | 21.7% | 7,224,771 | -22.5% | 29,615,129 | 37,308,164 | -20.6% |
| EOM E-MINI RUSSELL 2000 END | 10,668 | 5,902 | 80.8% | 14,138 | -24.5% | 51,478 | 37,944 | 35.7% |
| EOM EMINI S&P | 1,823,441 | 2,324,037 | -21.5% | 2,859,243 | -36.2% | 11,182,919 | 16,313,747 | -31.5% |
| EOM S&P 500 | 147,140 | 200,108 | -26.5% | 140,263 | 4.9% | 788,911 | 1,270,567 | -37.9% |
| EOW1 E-MINI RUSSELL 2000 WE | 1,405 | 2,129 | -34.0% | 2,092 | -32.8% | 8,861 | 14,686 | -39.7% |
| EOW1 E-MINI RUSSELL 2000 WE | 3,209 | 1,845 | 73.9% | 1,946 | 64.9% | 10,454 | 19,814 | -47.2% |
| EOW1 EMINI S&P 500 | 1,302,038 | 669,904 | 94.4% | 1,242,920 | 4.8% | 5,673,095 | 6,719,134 | -15.6% |
| EOW1 S&P 500 | 100,809 | 42,528 | 137.0% | 22,861 | 341.0% | 384,093 | 413,206 | -7.0% |
| EOW2 E-MINI RUSSELL 2000 WE | 4,674 | 5,518 | -15.3% | 7,404 | -36.9% | 22,314 | 35,027 | -36.3% |
| EOW2 EMINI S&P 500 | 980,451 | 668,029 | 46.8% | 1,647,803 | -40.5% | 6,031,053 | 8,214,279 | -26.6% |
| EOW2 S&P 500 | 62,579 | 134,334 | -53.4% | 141,810 | -55.9% | 738,801 | 900,439 | -18.0% |
| EOW3 E-MINI RUSSELL 2000 WE | 8,496 | 17,810 | -52.3% | 15,282 | -44.4% | 62,199 | 145,005 | -57.1% |
| EOW3 EMINI S&P 500 | 1,526,011 | 2,022,039 | -24.5% | 2,760,389 | -44.7% | 13,555,724 | 23,303,536 | -41.8% |
| EOW3 S&P 500 | 91,449 | 93,380 | -2.1% | 117,967 | -22.5% | 776,212 | 1,999,117 | -61.2% |
| EOW4 E-MINI RUSSELL 2000 WE | 261 | 3,807 | -93.1% | 5,318 | -95.1% | 17,541 | 40,406 | -56.6% |
| EOW4 EMINI S&P 500 | 46,586 | 848,625 | -94.5% | 1,109,508 | -95.8% | 4,848,673 | 7,524,986 | -35.6% |
| S&P 500 | 299,314 | 340,225 | -12.0% | 198,571 | 50.7% | 1,429,356 | 1,959,958 | -27.1% |
| Metals Futures | | | | | | | | |
| ALUMINUM | 2,843 | 8,995 | -68.4% | 11,315 | -74.9% | 59,158 | 97,630 | -39.4% |
| COMEX COPPER | 2,257,064 | 3,619,808 | -37.6% | 2,082,227 | 8.4% | 12,788,426 | 17,546,072 | -27.1% |
| COMEX E-Mini GOLD | 24,735 | 5,175 | 378.0% | 14,787 | 67.3% | 68,268 | 40,680 | 67.8% |
| COMEX E-Mini SILVER | 5,520 | 1,586 | 248.0% | 5,823 | -5.2% | 22,023 | 7,443 | 195.9% |
| COMEX GOLD | 7,308,583 | 5,738,950 | 27.4% | 7,142,711 | 2.3% | 36,515,515 | 44,347,121 | -17.7% |
| COMEX MINY COPPER | 1,022 | 418 | 144.5% | 435 | 134.9% | 3,909 | 3,180 | 22.9% |
| COMEX SILVER | 2,651,220 | 2,486,341 | 6.6% | 1,476,265 | 79.6% | 10,776,143 | 12,998,931 | -17.1% |
| COPPER | 95 | 516 | -81.6% | 2,002 | -95.3% | 5,744 | 10,639 | -46.0% |
| E-MICRO GOLD | 491,048 | 112,175 | 337.8% | 174,099 | 182.1% | 1,468,738 | 780,046 | 88.3% |
| FERROUS PRODUCTS | 1,317 | 155 | 749.7% | 923 | 42.7% | 7,667 | 10,455 | -26.7% |
| GOLD | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| Gold Kilo | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 136 | -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 | 3,755 | 2,766 | 35.8% | 5,679 | -33.9% | 38,789 | 22,529 | 72.2% |
| LNDN ZINC | 36 | 1,116 | -96.8% | 108 | -66.7% | 1,230 | 1,293 | -4.9% |
| NYMEX HOT ROLLED STEEL | 14,031 | 5,226 | 168.5% | 28,415 | -50.6% | 111,623 | 55,949 | 99.5% |
| NYMEX PLATINUM | 593,552 | 652,863 | -9.1% | 414,824 | 43.1% | 2,786,755 | 2,822,195 | -1.3% |
| PALLADIUM | 74,368 | 93,661 | -20.6% | 129,839 | -42.7% | 668,549 | 730,624 | -8.5% |
| SILVER | 18,580 | 9,728 | 91.0% | 14,325 | 29.7% | 95,506 | 44,542 | 114.4% |
| URANIUM | 1,234 | 431 | 186.3% | 1,175 | 5.0% | 9,084 | 1,443 | 529.5% |

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| Metals Options | | | | | | | | |
| COMEX COPPER | 66,693 | 33,221 | 100.8% | 50,998 | 30.8% | 373,816 | 136,737 | 173.4% |
| COMEX GOLD | 2,102,415 | 959,733 | 119.1% | 1,002,115 | 109.8% | 6,849,595 | 5,775,079 | 18.6% |
| COMEX SILVER | 186,487 | 191,832 | -2.8% | 118,247 | 57.7% | 800,652 | 924,189 | -13.4% |
| COPPER | 140 | 37 | 278.4% | 288 | -51.4% | 644 | 48 | 1,241.7% |
| GOLD | 195,012 | 42,374 | 360.2% | 109,723 | 77.7% | 612,496 | 221,556 | 176.5% |
| HOT ROLLED COIL STEEL CALL | 0 | 0 | 0.0% | 0 | 0.0% | 600 | 0 | 0.0% |
| IRON ORE 62 CHINA TSI CALL O | 0 | 0 | 0.0% | 0 | 0.0% | 6,660 | 200 | 3,230.0% |
| IRON ORE 62 CHINA TSI PUT OP | 0 | 200 | -100.0% | 0 | 0.0% | 3,600 | 1,280 | 181.3% |
| NYMEX PLATINUM | 4,719 | 5,839 | -19.2% | 4,609 | 2.4% | 23,918 | 21,610 | 10.7% |
| PALLADIUM | 1,712 | 2,593 | -34.0% | 1,158 | 47.8% | 8,335 | 19,167 | -56.5% |
| SILVER | 6,791 | 3,363 | 101.9% | 4,345 | 56.3% | 25,412 | 6,342 | 300.7% |
| Energy Futures | | | | | | | | |
| 3.5% FUEL OIL CID MED SWA | 5 | 0 | 0.0% | 63 | -92.1% | 78 | 452 | -82.7% |
| 3.5% FUEL OIL CIF BALMO S | 0 | 0 | 0.0% | 0 | 0.0% | 20 | 95 | -78.9% |
| 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 | 5,900 | 24,959 | -76.4% | 4,565 | 29.2% | 70,241 | 160,131 | -56.1% |
| ARGUS PROPAN FAR EST INDE | 5,678 | 3,472 | 63.5% | 5,659 | 0.3% | 37,537 | 36,383 | 3.2% |
| ARGUS PROPAN(SAUDI ARAMC | 1,995 | 1,335 | 49.4% | 2,869 | -30.5% | 17,382 | 15,127 | 14.9% |
| AUSTRALIAN COKE COAL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 20 | -100.0% |
| BRENT BALMO SWAP | 200 | 0 | 0.0% | 0 | 0.0% | 913 | 50 | 1,726.0% |
| BRENT CALENDAR SWAP | 12,231 | 2,727 | 348.5% | 11,430 | 7.0% | 36,060 | 23,323 | 54.6% |
| BRENT CFD SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 300 | -100.0% |
| BRENT FINANCIAL FUTURES | 0 | 2,288 | -100.0% | 22 | -100.0% | 7,082 | 13,488 | -47.5% |
| BRENT OIL LAST DAY | 2,503,878 | 2,192,103 | 14.2% | 3,157,794 | -20.7% | 13,113,319 | 11,199,214 | 17.1% |
| 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 | 96,843 | 82,702 | 17.1% | 121,567 | -20.3% | 653,283 | 625,283 | 4.5% |
| CHICAGO ULSD (PLATTS) SWA | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CHICAGO ULSD PL VS HO SPR | 672 | 662 | 1.5% | 1,096 | -38.7% | 3,849 | 1,984 | 94.0% |
| CHICAGO UNL GAS PL VS RBO | 200 | 100 | 100.0% | 0 | 0.0% | 875 | 625 | 40.0% |
| CIG BASIS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 196 | -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 | 442 | 1,604 | -72.4% | 524 | -15.6% | 3,182 | 7,580 | -58.0% |
| CIN HUB 5MW REAL TIME O P | 0 | 0 | 0.0% | 0 | 0.0% | 3,920 | 0 | 0.0% |
| CIN HUB 5MW REAL TIME PK | 0 | 0 | 0.0% | 0 | 0.0% | 325 | 0 | 0.0% |
| COAL SWAP | 0 | 120 | -100.0% | 0 | 0.0% | 0 | 420 | -100.0% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME JUN 2019 | VOLUME JUN 2018 | % CHG | VOLUME MAY 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% | 364 | 0 | 0.0% |
| COLUMBIA GULF ONSHORE | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CONWAY NATURAL GASOLINE (| 75 | 102 | -26.5% | 124 | -39.5% | 1,183 | 1,225 | -3.4% |
| CONWAY NORMAL BUTANE (OPI | 1,003 | 1,632 | -38.5% | 635 | 58.0% | 2,461 | 2,217 | 11.0% |
| CONWAY PROPANE 5 DECIMALS | 21,126 | 16,808 | 25.7% | 17,077 | 23.7% | 94,998 | 97,566 | -2.6% |
| CRUDE OIL | 2,400 | 6,500 | -63.1% | 3,000 | -20.0% | 34,419 | 39,144 | -12.1% |
| CRUDE OIL OUTRIGHTS | 53,945 | 58,251 | -7.4% | 73,621 | -26.7% | 398,750 | 400,748 | -0.5% |
| CRUDE OIL PHY | 23,448,254 | 28,577,603 | -17.9% | 28,550,032 | -17.9% | 152,206,700 | 167,796,459 | -9.3% |
| CRUDE OIL SPRDS | 22,810 | 38,053 | -40.1% | 30,347 | -24.8% | 137,005 | 315,845 | -56.6% |
| 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 | 390 | -100.0% | 100 | -100.0% | 1,000 | 3,050 | -67.2% |
| 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 | 126 | -100.0% |
| DUBAI CRUDE OIL BALMO | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 125 | -100.0% |
| DUBAI CRUDE OIL CALENDAR | 1,175 | 271 | 333.6% | 105 | 1,019.0% | 17,048 | 11,952 | 42.6% |
| DUTCH TTF NATURAL GAS CAL | 4,217 | 1,102 | 282.7% | 6,444 | -34.6% | 41,877 | 6,698 | 525.2% |
| DY EURO 3.5% FUEL OI RDA | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| EASTERN RAIL DELIVERY CSX | 0 | 45 | -100.0% | 0 | 0.0% | 0 | 230 | -100.0% |
| EAST/WEST FUEL OIL SPREAD | 10 | 0 | 0.0% | 0 | 0.0% | 10 | 157 | -93.6% |
| EIA FLAT TAX ONHWAY DIESE | 686 | 572 | 19.9% | 500 | 37.2% | 2,253 | 1,449 | 55.5% |
| ELEC ERCOT DLY OFF PK | 0 | 0 | 0.0% | 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% | 0 | 19,600 | -100.0% |
| 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 | 440 | -100.0% | 0 | 0.0% | 0 | 1,950 | -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 | 19,600 | -100.0% |
| ERCOT NORTH ZMCPE 5MW PE | 0 | 440 | -100.0% | 0 | 0.0% | 0 | 5,050 | -100.0% |
| ETHANOL | 6,965 | 9,346 | -25.5% | 9,526 | -26.9% | 56,308 | 56,458 | -0.3% |
| ETHANOL SWAP | 0 | 90 | -100.0% | 155 | -100.0% | 520 | 130 | 300.0% |
| ETHANOL T2 FOB ROTT INCL DU | 2,207 | 2,587 | -14.7% | 2,829 | -22.0% | 21,599 | 18,271 | 18.2% |
| EURO 1% FUEL OIL NEW BALM | 0 | 3 | -100.0% | 3 | -100.0% | 3 | 23 | -87.0% |
| EURO 3.5% FUEL OIL RDAM B | 6 | 694 | -99.1% | 40 | -85.0% | 219 | 4,009 | -94.5% |
| EURO 3.5% FUEL OIL SPREAD | 15 | 130 | -88.5% | 35 | -57.1% | 135 | 692 | -80.5% |
| EURO-DENOMINATED PETRO P | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| EURO GASOIL 10PPM VS ICE | 0 | 5 | -100.0% | 0 | 0.0% | 0 | 370 | -100.0% |
| EUROPE 1% FUEL OIL NWE CA | 6 | 0 | 0.0% | 341 | -98.2% | 450 | 318 | 41.5% |
| EUROPE 1% FUEL OIL RDAM C | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 3 | -100.0% |
| EUROPE 3.5% FUEL OIL MED | 5 | 0 | 0.0% | 62 | -91.9% | 353 | 671 | -47.4% |

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CMEG Exchange Volume Report - Monthly

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|---------------------------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| EUROPE 3.5% FUEL OIL RDAM | 604 | 9,436 | -93.6% | 759 | -20.4% | 6,893 | 56,637 | -87.8% |
| EUROPEAN GASOIL (ICE) | 156 | 551 | -71.7% | 48 | 225.0% | 632 | 2,999 | -78.9% |
| EUROPEAN NAPHTHA BALMO | 159 | 289 | -45.0% | 110 | 44.5% | 1,154 | 1,602 | -28.0% |
| EUROPEAN NAPHTHA CRACK SP | 4,300 | 9,397 | -54.2% | 3,886 | 10.7% | 30,100 | 55,665 | -45.9% |
| EUROPE DATED BRENT SWAP | 575 | 0 | 0.0% | 260 | 121.2% | 1,633 | 0 | 0.0% |
| EUROPE JET KERO NWE CALSW | 0 | 0 | 0.0% | 0 | 0.0% | 5 | 15 | -66.7% |
| EUROPE NAPHTHA CALSWAP | 1,246 | 3,267 | -61.9% | 2,135 | -41.6% | 13,202 | 19,449 | -32.1% |
| EURO PROPANE CIF ARA SWA | 1,921 | 1,386 | 38.6% | 1,687 | 13.9% | 12,136 | 11,328 | 7.1% |
| FLORIDA GAS ZONE3 BASIS S | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| FREIGHT MARKETS | 1,235 | 327 | 277.7% | 917 | 34.7% | 5,427 | 2,996 | 81.1% |
| FUEL OIL CRACK VS ICE | 1,100 | 4,411 | -75.1% | 2,974 | -63.0% | 9,954 | 28,135 | -64.6% |
| FUEL OIL NWE CRACK VS ICE | 0 | 0 | 0.0% | 0 | 0.0% | 15 | 171 | -91.2% |
| FUEL OIL (PLATS) CAR CM | 6 | 0 | 0.0% | 0 | 0.0% | 6 | 154 | -96.1% |
| FUEL OIL (PLATS) CAR CN | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 72 | -100.0% |
| FUELOIL SWAP:CARGOES VS.B | 184 | 89 | 106.7% | 382 | -51.8% | 1,380 | 1,510 | -8.6% |
| GAS EURO-BOB OXY NWE BARG | 4,428 | 8,708 | -49.2% | 4,720 | -6.2% | 39,935 | 48,459 | -17.6% |
| GAS EURO-BOB OXY NWE BARG | 7,358 | 16,154 | -54.5% | 8,759 | -16.0% | 57,786 | 126,424 | -54.3% |
| GASOIL 0.1 CIF MED SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOIL 0.1CIF MED VS ICE | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 10 | -100.0% |
| GASOIL 0.1 CIF NWE VS ISE | 0 | 0 | 0.0% | 5 | -100.0% | 10 | 0 | 0.0% |
| GASOIL 0.1 CIF VS ICE GAS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOIL 0.1 RDAM BRGS VS I | 6 | 0 | 0.0% | 0 | 0.0% | 21 | 5 | 320.0% |
| GASOIL 0.1 ROTTERDAM BARG | 0 | 185 | -100.0% | 30 | -100.0% | 103 | 1,160 | -91.1% |
| GASOIL 10P CRG CIF NW VS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOIL 10PPM VS ICE SWAP | 0 | 0 | 0.0% | 15 | -100.0% | 39 | 12 | 225.0% |
| GASOIL BULLET SWAP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| GASOIL CALENDAR SWAP | 12 | 12 | 0.0% | 12 | 0.0% | 78 | 48 | 62.5% |
| GASOIL CRACK SPREAD CALEN | 3,272 | 3,038 | 7.7% | 300 | 990.7% | 4,034 | 31,196 | -87.1% |
| GASOIL MINI CALENDAR SWAP | 266 | 219 | 21.5% | 165 | 61.2% | 1,271 | 886 | 43.5% |
| GERMAN POWER BASELOAD CA | 867 | 0 | 0.0% | 2,986 | -71.0% | 12,292 | 2,076 | 492.1% |
| GROUP THREE ULSD (PLATTS) | 0 | 30 | -100.0% | 0 | 0.0% | 0 | 185 | -100.0% |
| GROUP THREE UNLEAD GAS (P | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 425 | -100.0% |
| GRP THREE ULSD(PLT)VS HEA | 2,901 | 3,639 | -20.3% | 7,091 | -59.1% | 20,347 | 22,778 | -10.7% |
| GRP THREE UNL GS (PLT) VS | 1,100 | 970 | 13.4% | 2,469 | -55.4% | 18,007 | 11,632 | 54.8% |
| GULF COAST 3% FUEL OIL BA | 389 | 969 | -59.9% | 385 | 1.0% | 4,129 | 8,639 | -52.2% |
| GULF COAST JET FUEL CLNDR | 0 | 174 | -100.0% | 0 | 0.0% | 267 | 855 | -68.8% |
| GULF COAST JET VS NYM 2 H | 24,016 | 27,568 | -12.9% | 32,243 | -25.5% | 132,050 | 244,040 | -45.9% |
| GULF COAST NO.6 FUEL OIL | 19,230 | 65,188 | -70.5% | 23,903 | -19.5% | 148,481 | 391,844 | -62.1% |
| GULF COAST ULSD CALENDAR | 752 | 719 | 4.6% | 536 | 40.3% | 2,565 | 1,712 | 49.8% |
| GULF COAST ULSD CRACK SPR | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 1,295 | -100.0% |
| HEATING OIL BALMO CLNDR S | 480 | 167 | 187.4% | 0 | 0.0% | 525 | 223 | 135.4% |
| HEATING OIL CRCK SPRD BAL | 0 | 0 | - | 18 | -100.0% | 18 | 0 | - |
| HEATING OIL PHY | 3,370,846 | 3,738,044 | -9.8% | 4,011,830 | -16.0% | 20,235,303 | 24,223,600 | -16.5% |
| HENRY HUB BASIS SWAP | 1,860 | 1,240 | 50.0% | 4,800 | -61.3% | 11,248 | 7,432 | 51.3% |
| HENRY HUB FINANCIAL LAST | 0 | 4,422 | -100.0% | 0 | 0.0% | 0 | 14,779 | -100.0% |
| HENRY HUB INDEX SWAP FUTU | 1,860 | 1,240 | 50.0% | 4,800 | -61.3% | 11,248 | 7,432 | 51.3% |
| HENRY HUB SWAP | 97,368 | 150,203 | -35.2% | 110,794 | -12.1% | 704,404 | 1,009,614 | -30.2% |
| HOUSTON SHIP CHANNEL BASI | 0 | 0 | 0.0% | 0 | 0.0% | 736 | 0 | 0.0% |
| HTG OIL | 0 | 0 | 0.0% | 0 | 0.0% | 48 | 48 | 0.0% |
| HUSTN SHIP CHNL PIPE SWP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |

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|-------------------------------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| ICE BRENT DUBAI SWAP | 8,880 | 5,310 | 67.2% | 6,508 | 36.4% | 34,838 | 63,648 | -45.3% |
| 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 | 235 | 125 | 88.0% | 370 | -36.5% | 2,210 | 535 | 313.1% |
| 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 | 0 | 0.0% | 0 | 0.0% | 169 | 1,689 | -90.0% |
| JAPAN C&F NAPHTHA SWAP | 759 | 2,328 | -67.4% | 1,127 | -32.7% | 7,859 | 12,956 | -39.3% |
| JAPAN NAPHTHA BALMO SWAP | 3 | 23 | -87.0% | 0 | 0.0% | 279 | 216 | 29.2% |
| 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% | 0 | 0.0% | 70 | 492 | -85.8% |
| 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 | 5,064 | 4,763 | 6.3% | 6,855 | -26.1% | 26,398 | 38,837 | -32.0% |
| JKM LNG Futures | 240 | 975 | -75.4% | 2,880 | -91.7% | 9,216 | 4,945 | 86.4% |
| LA CARB DIESEL (OPIS) | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| LA CARB DIESEL (OPIS) SWA | 30 | 300 | -90.0% | 10 | 200.0% | 325 | 1,750 | -81.4% |
| LA CARBOB GASOLINE(OPIS)S | 300 | 0 | 0.0% | 325 | -7.7% | 2,300 | 3,925 | -41.4% |
| LA JET FUEL VS NYM NO 2 H | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| LA JET (OPIS) SWAP | 1,510 | 3,260 | -53.7% | 875 | 72.6% | 7,880 | 15,140 | -48.0% |
| LLS (ARGUS) CALENDAR SWAP | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| LLS (ARGUS) VS WTI SWAP | 760 | 5,395 | -85.9% | 830 | -8.4% | 15,459 | 41,890 | -63.1% |
| LOS ANGELES CARB GASOLINE | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| LTD NAT GAS | 341,493 | 294,801 | 15.8% | 280,360 | 21.8% | 1,925,580 | 2,124,948 | -9.4% |
| MARS (ARGUS) VS WTI SWAP | 1,615 | 1,505 | 7.3% | 1,800 | -10.3% | 11,380 | 18,550 | -38.7% |
| MARS (ARGUS) VS WTI TRD M | 18,752 | 23,259 | -19.4% | 14,500 | 29.3% | 119,387 | 165,470 | -27.8% |
| MARS BLEND CRUDE OIL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 2,119 | -100.0% |
| MCCLOSKEY ARA ARGS COAL | 35,682 | 24,316 | 46.7% | 28,521 | 25.1% | 175,393 | 152,708 | 14.9% |
| MCCLOSKEY RCH BAY COAL | 2,678 | 3,430 | -21.9% | 1,503 | 78.2% | 14,952 | 20,864 | -28.3% |
| MGF FUT | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 130 | -100.0% |
| MGN1 SWAP FUT | 120 | 40 | 200.0% | 60 | 100.0% | 350 | 503 | -30.4% |
| 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 | 223 | 431 | -48.3% | 304 | -26.6% | 1,230 | 2,134 | -42.4% |
| MINI RBOB V. EBOBARG NWE BF | 560 | 446 | 25.6% | 170 | 229.4% | 3,500 | 1,809 | 93.5% |
| MINI RBOB V. EBOB(ARGUS) NW | 2,381 | 2,030 | 17.3% | 4,067 | -41.5% | 14,840 | 9,845 | 50.7% |
| MINY HTG OIL | 3 | 3 | 0.0% | 3 | 0.0% | 20 | 18 | 11.1% |
| MINY NATURAL GAS | 27,384 | 18,636 | 46.9% | 24,233 | 13.0% | 157,706 | 167,562 | -5.9% |
| MINY RBOB GAS | 7 | 4 | 75.0% | 6 | 16.7% | 37 | 19 | 94.7% |
| MINY WTI CRUDE OIL | 590,831 | 380,831 | 55.1% | 512,407 | 15.3% | 2,658,389 | 1,976,858 | 34.5% |
| MJC FUT | 0 | 105 | -100.0% | 40 | -100.0% | 150 | 1,195 | -87.4% |
| MNC FUT | 3,904 | 3,602 | 8.4% | 4,137 | -5.6% | 25,401 | 22,425 | 13.3% |
| MONT BELVIEU ETHANE 5 DECI | 18,473 | 15,342 | 20.4% | 10,108 | 82.8% | 84,373 | 93,978 | -10.2% |
| MONT BELVIEU ETHANE OPIS B | 225 | 80 | 181.3% | 95 | 136.8% | 1,064 | 860 | 23.7% |
| MONT BELVIEU LDH PROPANE 5 | 150,673 | 93,321 | 61.5% | 138,967 | 8.4% | 850,120 | 758,231 | 12.1% |
| MONT BELVIEU LDH PROPANE C | 3,520 | 2,053 | 71.5% | 3,998 | -12.0% | 20,418 | 18,154 | 12.5% |
| MONT BELVIEU NATURAL GASO | 6,807 | 7,232 | -5.9% | 8,244 | -17.4% | 47,681 | 54,275 | -12.1% |
| MONT BELVIEU NATURAL GASO | 935 | 500 | 87.0% | 405 | 130.9% | 3,859 | 2,629 | 46.8% |

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|----------------------------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| MONT BELVIEU NORMAL BUTAN | 55,341 | 32,425 | 70.7% | 57,721 | -4.1% | 262,837 | 186,267 | 41.1% |
| MONT BELVIEU NORMAL BUTAN | 514 | 712 | -27.8% | 1,839 | -72.1% | 8,134 | 5,212 | 56.1% |
| NAT GAS BASIS SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NATURAL GAS | 116,365 | 55,580 | 109.4% | 106,603 | 9.2% | 665,558 | 743,814 | -10.5% |
| 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 | 33,703 | 14,737 | 128.7% | 36,993 | -8.9% | 181,573 | 228,346 | -20.5% |
| NATURAL GAS PHY | 8,344,210 | 8,010,415 | 4.2% | 7,049,809 | 18.4% | 44,911,795 | 54,591,384 | -17.7% |
| 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 | 9,858 | -100.0% | 0 | 0.0% | 16,560 | 83,896 | -80.3% |
| 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 | 1,077 | 505 | 113.3% | 855 | 26.0% | 4,524 | 9,186 | -50.8% |
| 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% | 0 | 0.0% | 1,240 | 400 | 210.0% |
| NGPL TEX/OK | 0 | 0 | 0.0% | 0 | 0.0% | 2,576 | 22,836 | -88.7% |
| 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 | 0 | 145 | -100.0% | 100 | -100.0% | 675 | 2,063 | -67.3% |
| NORTHEN NATURAL GAS DEMA | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NORTHEN 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% | 0 | 0.0% | 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 | 180 | 3,064 | -94.1% | 710 | -74.6% | 2,655 | 10,640 | -75.0% |
| NY 2.2% FUEL OIL (PLATTS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NY 3.0% FUEL OIL (PLATTS | 0 | 0 | 0.0% | 250 | -100.0% | 775 | 1,000 | -22.5% |
| NY HARBOR 1% FUEL OIL BAL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NY HARBOR HEAT OIL SWP | 2,357 | 860 | 174.1% | 6,446 | -63.4% | 14,981 | 8,416 | 78.0% |
| NY HARBOR LOW SULPUR GAS | 0 | 45 | -100.0% | 0 | 0.0% | 390 | 2,695 | -85.5% |
| NY HARBOR RESIDUAL FUEL 1 | 427 | 1,065 | -59.9% | 597 | -28.5% | 4,983 | 7,288 | -31.6% |
| NY HARBOR RESIDUAL FUEL C | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| NYH NO 2 CRACK SPREAD CAL | 630 | 615 | 2.4% | 260 | 142.3% | 2,235 | 6,947 | -67.8% |
| 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 | 4 | -100.0% | 0 | 0.0% | 300 | 772 | -61.1% |
| 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% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME JUN 2019 | VOLUME JUN 2018 | % CHG | VOLUME MAY 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|----------------------------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| NYISO ZONE C 5MW D AH PK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NYISO ZONE G 5MW D AH O P | 0 | 27,200 | -100.0% | 32,704 | -100.0% | 46,384 | 578,534 | -92.0% |
| NYISO ZONE G 5MW D AH PK | 0 | 1,510 | -100.0% | 1,799 | -100.0% | 1,799 | 18,284 | -90.2% |
| 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 | 0 | 0 | 0.0% | 0 | 0.0% | 1,450 | 0 | 0.0% |
| NY ULSD (ARGUS) VS HEATING | 177 | 0 | 0.0% | 74 | 139.2% | 1,418 | 134 | 958.2% |
| ONEOK OKLAHOMA NG BASIS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| ONTARIO POWER SWAPS | 0 | 0 | 0.0% | 100 | -100.0% | 100 | 10 | 900.0% |
| 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 | 3,543 | 4,193 | -15.5% | 3,346 | 5.9% | 20,098 | 31,351 | -35.9% |
| PETRO CRCKS & SPRDS ASIA | 75 | 90 | -16.7% | 56 | 33.9% | 261 | 599 | -56.4% |
| PETRO CRCKS & SPRDS NA | 36,221 | 58,294 | -37.9% | 36,622 | -1.1% | 247,167 | 288,078 | -14.2% |
| PETRO CRK&SPRD EURO | 1,815 | 8,494 | -78.6% | 2,300 | -21.1% | 21,366 | 57,585 | -62.9% |
| PETROLEUM PRODUCTS | 2,094 | 2,756 | -24.0% | 3,510 | -40.3% | 19,093 | 28,324 | -32.6% |
| PETROLEUM PRODUCTS ASIA | 1,548 | 1,355 | 14.2% | 1,925 | -19.6% | 10,083 | 12,995 | -22.4% |
| PETRO OUTRIGHT EURO | 3,455 | 4,762 | -27.4% | 4,711 | -26.7% | 23,778 | 31,956 | -25.6% |
| PETRO OUTRIGHT NA | 5,878 | 7,117 | -17.4% | 8,309 | -29.3% | 38,040 | 43,440 | -12.4% |
| PJM AD HUB 5MW REAL TIME | 23,700 | 0 | 0.0% | 24,645 | -3.8% | 119,740 | 35,545 | 236.9% |
| 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% | 24,645 | -100.0% | 24,645 | 5,100 | 383.2% |
| 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 | 22 | -100.0% |
| 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 | 78,410 | -100.0% |
| PJM WESTHDA PEAK | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 4,250 | -100.0% |
| PJM WESTH RT OFF-PEAK | 23,700 | 23,200 | 2.2% | 0 | 0.0% | 47,100 | 294,000 | -84.0% |
| PJM WESTH RT PEAK | 6,656 | 3,180 | 109.3% | 19,941 | -66.6% | 46,576 | 39,349 | 18.4% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME JUN 2019 | VOLUME JUN 2018 | % CHG | VOLUME MAY 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|-----------------------------|--------------------|--------------------|---------|--------------------|----------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| PLASTICS | 435 | 522 | -16.7% | 760 | -42.8% | 4,560 | 2,454 | 85.8% |
| PREMIUM UNLD 10P FOB MED | 30 | 95 | -68.4% | 50 | -40.0% | 740 | 1,533 | -51.7% |
| PREMIUM UNLEAD 10PPM FOB | 0 | 75 | -100.0% | 0 | 0.0% | 18 | 324 | -94.4% |
| 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% | 0 | 0.0% | 30 | 64 | -53.1% |
| PROPANE NON-LDH MB (OPIS) B | 1,482 | 525 | 182.3% | 75 | 1,876.0% | 9,731 | 3,181 | 205.9% |
| PROPANE NON-LDH MT. BEL (OF | 16,233 | 11,589 | 40.1% | 15,918 | 2.0% | 104,670 | 72,532 | 44.3% |
| RBOB CALENDAR SWAP | 5,671 | 7,611 | -25.5% | 9,901 | -42.7% | 40,086 | 29,861 | 34.2% |
| RBOB CRACK SPREAD | 1,520 | 1,015 | 49.8% | 2,100 | -27.6% | 8,165 | 8,193 | -0.3% |
| RBOB CRACK SPREAD BALMO S | 0 | 0 | 0.0% | 25 | -100.0% | 25 | 0 | 0.0% |
| RBOB GAS | 0 | 0 | 0.0% | 0 | 0.0% | 60 | 14,338 | -99.6% |
| RBOB GASOLINE BALMO CLNDR | 1,117 | 1,005 | 11.1% | 805 | 38.8% | 6,223 | 7,793 | -20.1% |
| RBOB PHY | 4,270,153 | 4,174,973 | 2.3% | 4,833,496 | -11.7% | 26,985,024 | 24,909,845 | 8.3% |
| RBOB SPREAD (PLATTS) SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| RBOB VS HEATING OIL SWAP | 0 | 825 | -100.0% | 0 | 0.0% | 75 | 1,975 | -96.2% |
| 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% | 0 | 360 | -100.0% |
| SINGAPORE 180CST BALMO | 5 | 40 | -87.5% | 10 | -50.0% | 78 | 335 | -76.7% |
| SINGAPORE 380CST BALMO | 26 | 215 | -87.9% | 26 | 0.0% | 250 | 1,203 | -79.2% |
| SINGAPORE 380CST FUEL OIL | 3,293 | 13,453 | -75.5% | 3,620 | -9.0% | 19,254 | 53,767 | -64.2% |
| SINGAPORE FUEL 180CST CAL | 253 | 680 | -62.8% | 206 | 22.8% | 1,780 | 5,842 | -69.5% |
| SINGAPORE FUEL OIL SPREAD | 87 | 413 | -78.9% | 28 | 210.7% | 360 | 5,311 | -93.2% |
| SINGAPORE GASOIL | 5,339 | 4,528 | 17.9% | 5,119 | 4.3% | 32,291 | 33,964 | -4.9% |
| SINGAPORE GASOIL CALENDAR | 105 | 100 | 5.0% | 174 | -39.7% | 968 | 5,024 | -80.7% |
| SINGAPORE GASOIL SWAP | 1,109 | 4,220 | -73.7% | 558 | 98.7% | 6,588 | 26,703 | -75.3% |
| SINGAPORE GASOIL VS ICE | 0 | 6,325 | -100.0% | 0 | 0.0% | 4,340 | 93,060 | -95.3% |
| SINGAPORE JET KERO BALMO | 0 | 50 | -100.0% | 0 | 0.0% | 0 | 215 | -100.0% |
| SINGAPORE JET KERO GASOIL | 0 | 2,325 | -100.0% | 0 | 0.0% | 100 | 24,845 | -99.6% |
| SINGAPORE JET KEROSENE SW | 880 | 1,595 | -44.8% | 400 | 120.0% | 3,865 | 6,990 | -44.7% |
| SINGAPORE JET KERO VS. GAS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 25 | -100.0% |
| SINGAPORE MOGAS 92 UNLEAD | 50 | 250 | -80.0% | 0 | 0.0% | 1,425 | 2,563 | -44.4% |
| SINGAPORE MOGAS 92 UNLEAD | 4,892 | 17,956 | -72.8% | 4,532 | 7.9% | 75,824 | 90,240 | -16.0% |
| SINGAPORE NAPHTHA SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 200 | -100.0% |
| SING FUEL | 0 | 15 | -100.0% | 0 | 0.0% | 0 | 80 | -100.0% |
| 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 | 314 | 0 | 0.0% | 130 | 141.5% | 1,424 | 548 | 159.9% |
| TC5 RAS TANURA TO YOKOHAM | 206 | 0 | 0.0% | 225 | -8.4% | 1,951 | 240 | 712.9% |
| 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 | 6,260 | 2,060 | 203.9% | 6,975 | -10.3% | 28,221 | 4,970 | 467.8% |
| 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% |

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|-----------------------------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| Energy Futures | | | | | | | | |
| TEXAS GAS ZONE1 NG BASIS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| 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 | 0 | 0.0% | 0 | 0.0% | 20 | 50 | -60.0% |
| UK NBP NAT GAS CAL MTH FUT | 0 | 9,239 | -100.0% | 20 | -100.0% | 3,149 | 33,034 | -90.5% |
| 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 | 4,600 | 4,405 | 4.4% | 4,475 | 2.8% | 32,545 | 31,445 | 3.5% |
| UP DOWN GC ULSD VS NMX HO | 32,158 | 24,594 | 30.8% | 38,337 | -16.1% | 173,994 | 195,740 | -11.1% |
| WAHA BASIS | 0 | 0 | 0.0% | 150 | -100.0% | 650 | 3,201 | -79.7% |
| 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 | 350 | -100.0% | 0 | 0.0% | 864 | 6,650 | -87.0% |
| WTI-BRENT CALENDAR SWAP | 38,949 | 20,630 | 88.8% | 40,822 | -4.6% | 219,979 | 211,827 | 3.8% |
| WTI CALENDAR | 28,367 | 22,480 | 26.2% | 40,368 | -29.7% | 260,717 | 205,006 | 27.2% |
| WTS (ARGUS) VS WTI SWAP | 4,090 | 7,997 | -48.9% | 13,779 | -70.3% | 30,922 | 48,257 | -35.9% |
| WTS (ARGUS) VS WTI TRD MT | 175 | 588 | -70.2% | 780 | -77.6% | 4,933 | 1,950 | 153.0% |
| 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 | 690 | 2,765 | -75.0% | 2,100 | -67.1% | 3,030 | 4,305 | -29.6% |
| BRENT CRUDE OIL 12 M CSO | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 2,000 | -100.0% |
| BRENT CRUDE OIL 1 M CSO | 1,500 | 55,164 | -97.3% | 1,050 | 42.9% | 32,650 | 371,538 | -91.2% |
| BRENT CRUDE OIL 6 M CSO | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 1,000 | -100.0% |
| BRENT OIL LAST DAY | 129,122 | 184,665 | -30.1% | 227,057 | -43.1% | 902,430 | 920,358 | -1.9% |
| COAL API2 INDEX | 25 | 1,245 | -98.0% | 50 | -50.0% | 670 | 7,105 | -90.6% |
| 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 | 0 | 0 | - | 0 | 0.0% | 150 | 0 | - |
| CRUDE OIL 1MO | 91,750 | 312,400 | -70.6% | 303,200 | -69.7% | 1,401,411 | 1,362,110 | 2.9% |
| CRUDE OIL APO | 47,657 | 30,612 | 55.7% | 27,784 | 71.5% | 309,041 | 326,023 | -5.2% |
| CRUDE OIL CALNDR STRIP | 0 | 0 | 0.0% | 0 | 0.0% | 200 | 170 | 17.6% |
| CRUDE OIL OUTRIGHTS | 0 | 0 | 0.0% | 0 | 0.0% | 960 | 0 | 0.0% |
| CRUDE OIL PHY | 3,359,893 | 3,400,113 | -1.2% | 3,714,802 | -9.6% | 16,747,956 | 22,636,351 | -26.0% |
| ELEC MISO PEAK | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| ETHANOL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 425 | -100.0% |
| ETHANOL SWAP | 9,778 | 9,183 | 6.5% | 11,608 | -15.8% | 53,375 | 53,108 | 0.5% |
| 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 | 38,505 | 27,216 | 41.5% | 40,714 | -5.4% | 179,415 | 188,261 | -4.7% |
| HENRY HUB FINANCIAL LAST | 2,701 | 2,912 | -7.2% | 9,252 | -70.8% | 41,923 | 20,771 | 101.8% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME JUN 2019 | VOLUME JUN 2018 | % CHG | VOLUME MAY 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|----------------------------|--------------------|--------------------|---------|--------------------|----------|----------------------|----------------------|---------|
| Energy Options | | | | | | | | |
| HO 1 MONTH CLNDR OPTIONS | 0 | 0 | 0.0% | 0 | 0.0% | 2,150 | 0 | 0.0% |
| LLS CRUDE OIL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 100 | -100.0% |
| MCCLOSKEY ARA ARGS COAL | 0 | 30 | -100.0% | 0 | 0.0% | 130 | 255 | -49.0% |
| MCCLOSKEY RCH BAY COAL | 300 | 0 | 0.0% | 100 | 200.0% | 670 | 1,875 | -64.3% |
| NATURAL GAS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NATURAL GAS 1 M CSO FIN | 13,300 | 14,703 | -9.5% | 19,475 | -31.7% | 207,275 | 237,645 | -12.8% |
| NATURAL GAS 2 M CSO FIN | 550 | 1,000 | -45.0% | 75 | 633.3% | 2,375 | 1,000 | 137.5% |
| NATURAL GAS 3 M CSO FIN | 38,650 | 5,450 | 609.2% | 15,100 | 156.0% | 84,350 | 34,896 | 141.7% |
| NATURAL GAS 5 M CSO FIN | 850 | 0 | 0.0% | 250 | 240.0% | 1,100 | 2,550 | -56.9% |
| NATURAL GAS 6 M CSO FIN | 1,250 | 2,000 | -37.5% | 4,100 | -69.5% | 33,725 | 67,650 | -50.1% |
| NATURAL GAS OPTION ON CALE | 800 | 200 | 300.0% | 600 | 33.3% | 9,100 | 19,508 | -53.4% |
| NATURAL GAS PHY | 1,631,070 | 1,290,213 | 26.4% | 1,408,607 | 15.8% | 9,248,266 | 12,169,992 | -24.0% |
| NATURAL GAS WINTER STRIP | 0 | 0 | - | 1,300 | -100.0% | 1,300 | 0 | - |
| N ROCKIES PIPE SWAP | 546 | 224 | 143.8% | 546 | 0.0% | 2,118 | 960 | 120.6% |
| NY HARBOR HEAT OIL SWP | 3,457 | 1,549 | 123.2% | 6,691 | -48.3% | 15,022 | 17,187 | -12.6% |
| 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 | 2,711 | 525 | 416.4% | 260 | 942.7% | 4,975 | 4,716 | 5.5% |
| PETRO OUTRIGHT EURO | 0 | 0 | 0.0% | 0 | 0.0% | 24 | 0 | 0.0% |
| PETRO OUTRIGHT NA | 120 | 0 | 0.0% | 0 | 0.0% | 120 | 0 | 0.0% |
| PJM WES HUB PEAK CAL MTH | 380 | 60 | 533.3% | 0 | 0.0% | 540 | 1,190 | -54.6% |
| PJM WES HUB PEAK LMP 50MW | 0 | 983 | -100.0% | 0 | 0.0% | 836 | 6,322 | -86.8% |
| RBOB 1MO CAL SPD OPTIONS | 0 | 200 | -100.0% | 0 | 0.0% | 150 | 700 | -78.6% |
| RBOB CALENDAR SWAP | 24 | 0 | 0.0% | 0 | 0.0% | 261 | 965 | -73.0% |
| RBOB CRACK | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| RBOB PHY | 17,365 | 14,398 | 20.6% | 19,270 | -9.9% | 104,205 | 74,762 | 39.4% |
| ROTTERDAM 3.5%FUEL OIL CL | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| SAN JUAN PIPE SWAP | 364 | 186 | 95.7% | 910 | -60.0% | 1,274 | 1,422 | -10.4% |
| SHORT TERM | 300 | 932 | -67.8% | 17 | 1,664.7% | 2,143 | 5,900 | -63.7% |
| SHORT TERM NATURAL GAS | 655 | 3,561 | -81.6% | 604 | 8.4% | 5,284 | 15,542 | -66.0% |
| 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 | 34,650 | 62,223 | -44.3% | 50,150 | -30.9% | 316,580 | 684,702 | -53.8% |
| WTI CRUDE OIL 1 M CSO FI | 55,550 | 91,300 | -39.2% | 48,415 | 14.7% | 365,265 | 495,050 | -26.2% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME JUN 2019 | VOLUME JUN 2018 | % CHG | VOLUME MAY 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|------------------------|--------------------|--------------------|---------|--------------------|----------|----------------------|----------------------|---------|
| FX Futures | | | | | | | | |
| AD/CD CROSS RATES | 2 | 7 | -71.4% | 31 | -93.5% | 104 | 46 | 126.1% |
| AD/JY CROSS RATES | 3,685 | 4,957 | -25.7% | 4,328 | -14.9% | 19,783 | 23,945 | -17.4% |
| AD/NE CROSS RATES | 130 | 66 | 97.0% | 137 | -5.1% | 508 | 452 | 12.4% |
| AUSTRALIAN DOLLAR | 2,542,722 | 2,475,362 | 2.7% | 2,192,811 | 16.0% | 13,188,487 | 14,665,243 | -10.1% |
| BDI | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| BP/JY CROSS RATES | 4,190 | 2,707 | 54.8% | 3,162 | 32.5% | 15,551 | 20,886 | -25.5% |
| BP/SF CROSS RATES | 430 | 279 | 54.1% | 588 | -26.9% | 2,454 | 1,969 | 24.6% |
| BRAZIL REAL | 148,499 | 185,326 | -19.9% | 187,252 | -20.7% | 849,478 | 860,822 | -1.3% |
| BRITISH POUND | 2,398,644 | 3,023,664 | -20.7% | 2,340,748 | 2.5% | 14,559,701 | 16,809,035 | -13.4% |
| CANADIAN DOLLAR | 1,939,319 | 2,133,474 | -9.1% | 1,735,073 | 11.8% | 9,861,681 | 11,082,237 | -11.0% |
| CD/JY CROSS RATES | 0 | 14 | -100.0% | 54 | -100.0% | 119 | 978 | -87.8% |
| CHINESE RENMINBI (CNH) | 28,773 | 2,816 | 921.8% | 31,669 | -9.1% | 155,619 | 14,666 | 961.1% |
| CZECK KORUNA (EC) | 8 | 0 | - | 0 | 0.0% | 18 | 0 | - |
| CZECK KORUNA (US) | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| EC/AD CROSS RATES | 12,354 | 5,026 | 145.8% | 3,377 | 265.8% | 33,807 | 12,570 | 168.9% |
| EC/CD CROSS RATES | 7,512 | 7,578 | -0.9% | 2,232 | 236.6% | 20,252 | 25,824 | -21.6% |
| EC/NOK CROSS RATES | 1,404 | 642 | 118.7% | 730 | 92.3% | 3,806 | 2,179 | 74.7% |
| EC/SEK CROSS RATES | 1,998 | 2,317 | -13.8% | 372 | 437.1% | 5,195 | 5,547 | -6.3% |
| EFX/BP CROSS RATES | 131,241 | 151,799 | -13.5% | 75,914 | 72.9% | 573,421 | 539,003 | 6.4% |
| EFX/JY CROSS RATES | 115,361 | 151,052 | -23.6% | 46,519 | 148.0% | 418,732 | 576,654 | -27.4% |
| EFX/SF CROSS RATES | 59,072 | 41,955 | 40.8% | 31,008 | 90.5% | 213,946 | 186,601 | 14.7% |
| E-MICRO AUD/USD | 84,530 | 90,324 | -6.4% | 109,083 | -22.5% | 695,440 | 597,599 | 16.4% |
| E-MICRO CAD/USD | 19,231 | 21,847 | -12.0% | 19,444 | -1.1% | 101,076 | 112,649 | -10.3% |
| E-MICRO CHF/USD | 2,720 | 1,644 | 65.5% | 1,787 | 52.2% | 11,689 | 8,260 | 41.5% |
| E-MICRO EUR/USD | 259,691 | 419,734 | -38.1% | 228,070 | 13.9% | 1,515,470 | 2,463,981 | -38.5% |
| E-MICRO GBP/USD | 31,001 | 41,991 | -26.2% | 30,393 | 2.0% | 255,902 | 312,086 | -18.0% |
| E-MICRO INR/USD | 3,555 | 5,877 | -39.5% | 3,793 | -6.3% | 27,707 | 24,550 | 12.9% |
| E-MICRO JPY/USD | 27,801 | 28,472 | -2.4% | 32,131 | -13.5% | 168,077 | 199,307 | -15.7% |
| E-MINI EURO FX | 144,623 | 154,498 | -6.4% | 90,737 | 59.4% | 602,733 | 673,020 | -10.4% |
| E-MINI JAPANESE YEN | 9,904 | 17,734 | -44.2% | 8,583 | 15.4% | 63,116 | 80,954 | -22.0% |
| EURO FX | 5,625,929 | 7,459,472 | -24.6% | 3,879,460 | 45.0% | 26,407,137 | 36,632,776 | -27.9% |
| HUNGARIAN FORINT (EC) | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 18 | -100.0% |
| HUNGARIAN FORINT (US) | 0 | 0 | - | 2 | -100.0% | 8 | 0 | - |
| INDIAN RUPEE | 61,878 | 102,016 | -39.3% | 50,778 | 21.9% | 414,721 | 556,767 | -25.5% |
| JAPANESE YEN | 3,162,448 | 3,097,732 | 2.1% | 3,223,010 | -1.9% | 16,098,717 | 19,458,311 | -17.3% |
| KOREAN WON | 1,564 | 518 | 201.9% | 835 | 87.3% | 4,577 | 1,819 | 151.6% |
| MEXICAN PESO | 1,644,283 | 1,835,238 | -10.4% | 1,381,545 | 19.0% | 8,121,169 | 8,752,905 | -7.2% |
| NEW ZEALND DOLLAR | 728,710 | 653,382 | 11.5% | 551,622 | 32.1% | 3,593,500 | 4,085,044 | -12.0% |
| NKR/USD CROSS RATE | 10,261 | 7,109 | 44.3% | 4,405 | 132.9% | 30,207 | 27,837 | 8.5% |
| POLISH ZLOTY (EC) | 4 | 11 | -63.6% | 8 | -50.0% | 444 | 75 | 492.0% |
| POLISH ZLOTY (US) | 181 | 75 | 141.3% | 60 | 201.7% | 742 | 642 | 15.6% |
| RMB USD | 0 | 1 | -100.0% | 3 | -100.0% | 5 | 17 | -70.6% |
| RUSSIAN RUBLE | 181,268 | 63,489 | 185.5% | 44,799 | 304.6% | 502,576 | 398,266 | 26.2% |
| S.AFRICAN RAND | 65,721 | 59,250 | 10.9% | 38,209 | 72.0% | 266,137 | 280,894 | -5.3% |
| SF/JY CROSS RATES | 0 | 0 | 0.0% | 0 | 0.0% | 7 | 192 | -96.4% |
| SHEKEL | 0 | 774 | -100.0% | 0 | 0.0% | 0 | 2,536 | -100.0% |
| SKR/USD CROSS RATES | 6,292 | 7,724 | -18.5% | 2,264 | 177.9% | 20,923 | 27,998 | -25.3% |
| SWISS FRANC | 809,649 | 699,439 | 15.8% | 526,265 | 53.8% | 3,349,900 | 3,716,041 | -9.9% |
| TURKISH LIRA | 3,724 | 12,187 | -69.4% | 120 | 3,003.3% | 7,930 | 32,792 | -75.8% |
| USDZAR | 0 | 0 | 0.0% | 0 | 0.0% | 20 | 5 | 300.0% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME JUN 2019 | VOLUME JUN 2018 | % CHG | VOLUME MAY 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|---------------------------------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| FX Options | | | | | | | | |
| AUD/USD PQO 2pm Fix | 83,833 | 128,745 | -34.9% | 135,108 | -38.0% | 616,540 | 810,163 | -23.9% |
| AUSTRALIAN DLR (EU) | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| AUSTRALIAN DOLLAR | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| BRAZIL REAL | 2 | 0 | - | 54 | -96.3% | 56 | 0 | - |
| BRITISH POUND | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| BRITISH POUND (EU) | 0 | 13 | -100.0% | 0 | 0.0% | 0 | 241 | -100.0% |
| CAD/USD PQO 2pm Fix | 100,517 | 185,928 | -45.9% | 108,433 | -7.3% | 638,520 | 1,063,459 | -40.0% |
| CANADIAN DOLLAR | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CANADIAN DOLLAR (EU) | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 63 | -100.0% |
| CHF/USD PQO 2pm Fix | 4,557 | 5,418 | -15.9% | 2,183 | 108.7% | 17,909 | 18,670 | -4.1% |
| EFX/BP CROSS RATES | 0 | 0 | - | 0 | 0.0% | 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 | 3 | -100.0% | 0 | 0.0% | 0 | 31 | -100.0% |
| EUR/USD PQO 2pm Fix | 545,813 | 750,667 | -27.3% | 530,810 | 2.8% | 3,248,485 | 5,021,076 | -35.3% |
| GBP/USD PQO 2pm Fix | 86,371 | 231,950 | -62.8% | 153,995 | -43.9% | 1,059,005 | 1,492,680 | -29.1% |
| 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 | 205,378 | 221,680 | -7.4% | 275,713 | -25.5% | 1,274,854 | 1,611,374 | -20.9% |
| MEXICAN PESO | 2,488 | 2,983 | -16.6% | 1,526 | 63.0% | 10,140 | 13,570 | -25.3% |
| NEW ZEALND DOLLAR | 136 | 0 | - | 120 | 13.3% | 2,589 | 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 | 1,855 | 1,170 | 58.5% | 1,500 | 23.7% | 8,955 | 6,735 | 33.0% |
| Foreign Exchange Futures | | | | | | | | |
| CHILEAN PESO | 0 | 507 | -100.0% | 10 | -100.0% | 410 | 13,248 | -96.9% |
| Foreign Exchange Options | | | | | | | | |
| AUD/USD PQO 2pm Fix | 380 | 1,041 | -63.5% | 982 | -61.3% | 5,386 | 4,905 | 9.8% |

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|-----------------------------|--------------------|--------------------|---------|--------------------|----------|----------------------|----------------------|--------|
| Ag Products Futures | | | | | | | | |
| BUTTER CS | 3,136 | 4,941 | -36.5% | 4,259 | -26.4% | 22,482 | 27,317 | -17.7% |
| CASH-SETTLED CHEESE | 9,806 | 14,985 | -34.6% | 9,112 | 7.6% | 67,893 | 60,735 | 11.8% |
| CATTLE | 1,132,693 | 1,170,325 | -3.2% | 1,760,772 | -35.7% | 8,910,128 | 8,339,148 | 6.8% |
| CAT WEATHER EUROPEAN | 0 | 0 | - | 1,200 | -100.0% | 3,200 | 0 | - |
| CDD SEASONAL STRIP | 0 | 550 | -100.0% | 0 | 0.0% | 450 | 600 | -25.0% |
| CDD WEATHER | 150 | 0 | 0.0% | 4,925 | -97.0% | 7,175 | 2,150 | 233.7% |
| CHI WHEAT | 3,497,935 | 4,219,668 | -17.1% | 2,879,585 | 21.5% | 17,387,075 | 20,585,977 | -15.5% |
| CLASS IV MILK | 1,957 | 675 | 189.9% | 2,117 | -7.6% | 15,752 | 3,636 | 333.2% |
| COCOA TAS | 8 | 0 | 0.0% | 0 | 0.0% | 8 | 5 | 60.0% |
| COFFEE | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CORN | 13,195,067 | 11,485,786 | 14.9% | 13,559,792 | -2.7% | 61,327,543 | 55,947,845 | 9.6% |
| COTTON | 6 | 0 | 0.0% | 6 | 0.0% | 15 | 2 | 650.0% |
| DJ_UBS ROLL SELECT INDEX FU | 3,604 | 5,902 | -38.9% | 112 | 3,117.9% | 7,492 | 10,496 | -28.6% |
| DOW-UBS COMMOD INDEX | 120,834 | 189,005 | -36.1% | 44,812 | 169.6% | 322,081 | 540,058 | -40.4% |
| DRY WHEY | 1,180 | 1,808 | -34.7% | 1,482 | -20.4% | 8,333 | 7,872 | 5.9% |
| FEEDER CATTLE | 278,936 | 244,093 | 14.3% | 337,636 | -17.4% | 1,878,439 | 1,735,761 | 8.2% |
| FERTILIZER PRODUCTS | 2,050 | 2,985 | -31.3% | 2,385 | -14.0% | 12,375 | 14,165 | -12.6% |
| GOLDMAN SACHS | 27,823 | 33,276 | -16.4% | 28,163 | -1.2% | 173,417 | 191,679 | -9.5% |
| GSCI EXCESS RETURN FUT | 89,953 | 111,101 | -19.0% | 5,673 | 1,485.6% | 218,172 | 239,485 | -8.9% |
| 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% | 0 | 0.0% | 2,100 | 505 | 315.8% |
| HDD WEATHER EUROPEAN | 0 | 0 | 0.0% | 0 | 0.0% | 3,000 | 0 | 0.0% |
| HOGS | 1,417,134 | 1,312,538 | 8.0% | 1,435,164 | -1.3% | 8,016,831 | 6,589,984 | 21.7% |
| HOUSING INDEX | 2 | 15 | -86.7% | 3 | -33.3% | 71 | 52 | 36.5% |
| Intercommodity Spread | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| KC WHEAT | 1,551,492 | 1,620,248 | -4.2% | 1,391,891 | 11.5% | 8,272,505 | 8,819,231 | -6.2% |
| LUMBER | 16,484 | 23,128 | -28.7% | 13,524 | 21.9% | 87,657 | 120,153 | -27.0% |
| MALAYSIAN PALM SWAP | 760 | 11,330 | -93.3% | 5,260 | -85.6% | 15,420 | 28,550 | -46.0% |
| MILK | 22,034 | 33,116 | -33.5% | 24,669 | -10.7% | 148,622 | 133,272 | 11.5% |
| MINI CORN | 27,326 | 12,076 | 126.3% | 26,659 | 2.5% | 84,681 | 65,374 | 29.5% |
| MINI SOYBEAN | 20,738 | 20,009 | 3.6% | 24,729 | -16.1% | 108,359 | 156,001 | -30.5% |
| MINI WHEAT | 8,609 | 12,635 | -31.9% | 7,085 | 21.5% | 33,381 | 43,559 | -23.4% |
| MLK MID OPTIONS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NFD MILK | 5,438 | 4,232 | 28.5% | 7,074 | -23.1% | 40,758 | 31,137 | 30.9% |
| OATS | 22,122 | 16,616 | 33.1% | 14,000 | 58.0% | 92,997 | 94,777 | -1.9% |
| ROUGH RICE | 25,818 | 31,618 | -18.3% | 18,974 | 36.1% | 124,015 | 121,561 | 2.0% |
| SOYBEAN | 5,784,492 | 6,603,246 | -12.4% | 5,096,195 | 13.5% | 26,971,531 | 33,967,700 | -20.6% |
| SOYBEAN MEAL | 2,811,918 | 3,268,208 | -14.0% | 2,667,776 | 5.4% | 14,673,862 | 17,149,525 | -14.4% |
| SOYBEAN OIL | 2,762,647 | 3,481,746 | -20.7% | 2,405,587 | 14.8% | 15,069,474 | 16,604,792 | -9.2% |
| S&P GSCI ENHANCED ER SWAP | 7,524 | 7,524 | 0.0% | 0 | 0.0% | 22,394 | 26,314 | -14.9% |
| SUGAR 11 | 10 | 0 | 0.0% | 0 | 0.0% | 10 | 58 | -82.8% |
| USD CRUDE PALM OIL | 1,040 | 600 | 73.3% | 1,022 | 1.8% | 7,854 | 2,960 | 165.3% |
| WHEAT | 18,519 | 16,580 | 11.7% | 12,113 | 52.9% | 85,762 | 56,372 | 52.1% |

Ag Products Options

| | | | | | | | | |
|--------------------------|-------|--------|--------|-------|--------|--------|--------|-------|
| AUG-NOV SOYBEAN CAL SPRD | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| BUTTER CS | 1,827 | 6,078 | -69.9% | 5,204 | -64.9% | 23,789 | 24,535 | -3.0% |
| CASH-SETTLED CHEESE | 8,486 | 14,554 | -41.7% | 9,660 | -12.2% | 62,036 | 60,899 | 1.9% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME JUN 2019 | VOLUME JUN 2018 | % CHG | VOLUME MAY 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|----------------------------|--------------------|--------------------|-----------|--------------------|---------|----------------------|----------------------|------------|
| Ag Products Options | | | | | | | | |
| CATTLE | 160,208 | 182,950 | -12.4% | 262,813 | -39.0% | 1,241,164 | 1,604,376 | -22.6% |
| CAT WEATHER EUROPEAN | 0 | 0 | - | 0 | 0.0% | 2,000 | 0 | - |
| CDD SEASONAL STRIP | 0 | 100 | -100.0% | 0 | 0.0% | 5,000 | 700 | 614.3% |
| CDD WEATHER | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CHI WHEAT | 752,275 | 846,041 | -11.1% | 859,909 | -12.5% | 4,395,023 | 4,962,368 | -11.4% |
| CLASS IV MILK | 3,767 | 808 | 366.2% | 3,025 | 24.5% | 25,597 | 5,492 | 366.1% |
| CORN | 4,682,991 | 3,973,468 | 17.9% | 5,754,783 | -18.6% | 18,340,862 | 14,516,380 | 26.3% |
| CORN NEARBY+2 CAL SPRD | 11,672 | 50 | 23,244.0% | 6,955 | 67.8% | 27,223 | 6,978 | 290.1% |
| DEC-DEC CORN CAL SPRD | 1,606 | 1,921 | -16.4% | 5,067 | -68.3% | 9,420 | 7,671 | 22.8% |
| DEC-JULY CORN CAL SPRD | 888 | 1,660 | -46.5% | 7,630 | -88.4% | 15,428 | 3,160 | 388.2% |
| DEC-JULY WHEAT CAL SPRD | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| DRY WHEY | 734 | 1,247 | -41.1% | 1,652 | -55.6% | 6,182 | 3,640 | 69.8% |
| FEEDER CATTLE | 36,650 | 16,307 | 124.8% | 47,899 | -23.5% | 196,246 | 186,521 | 5.2% |
| 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 | 382,552 | 241,745 | 58.2% | 368,123 | 3.9% | 2,212,683 | 1,165,509 | 89.8% |
| HOUSING INDEX | 7 | 0 | 0.0% | 0 | 0.0% | 7 | 0 | 0.0% |
| Intercommodity Spread | 0 | 1,510 | -100.0% | 320 | -100.0% | 1,000 | 9,529 | -89.5% |
| JAN-MAY SOYBEAN CAL SPRD | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| JULY-DEC CORN CAL SPRD | 3,435 | 427 | 704.4% | 500 | 587.0% | 11,580 | 9,946 | 16.4% |
| 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 | 100 | 1,050 | -90.5% | 0 | 0.0% | 1,450 | 2,420 | -40.1% |
| JULY-NOV SOYBEAN CAL SPRD | 0 | 210 | -100.0% | 1,965 | -100.0% | 6,121 | 50,106 | -87.8% |
| KC WHEAT | 111,840 | 74,416 | 50.3% | 131,171 | -14.7% | 576,485 | 557,728 | 3.4% |
| LUMBER | 1,899 | 2,011 | -5.6% | 1,544 | 23.0% | 11,654 | 12,072 | -3.5% |
| LV CATL CSO | 40 | 5 | 700.0% | 20 | 100.0% | 479 | 108 | 343.5% |
| 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% | 0 | 0.0% | 30 | 200 | -85.0% |
| MILK | 34,287 | 45,268 | -24.3% | 40,841 | -16.0% | 224,799 | 187,200 | 20.1% |
| MLK MID OPTIONS | 5 | 13 | -61.5% | 24 | -79.2% | 189 | 291 | -35.1% |
| NFD MILK | 4,394 | 5,425 | -19.0% | 4,487 | -2.1% | 44,400 | 32,997 | 34.6% |
| NOV-JULY SOYBEAN CAL SPRD | 0 | 0 | 0.0% | 2,200 | -100.0% | 3,000 | 1 | 299,900.0% |
| NOV-MAR SOYBEAN CSO | 0 | 10 | -100.0% | 20 | -100.0% | 20 | 80 | -75.0% |
| NOV-NOV SOYBEAN CAL SPRD | 750 | 0 | 0.0% | 0 | 0.0% | 864 | 18 | 4,700.0% |
| OATS | 341 | 279 | 22.2% | 309 | 10.4% | 3,675 | 2,482 | 48.1% |
| ROUGH RICE | 1,590 | 1,995 | -20.3% | 2,063 | -22.9% | 12,330 | 8,679 | 42.1% |
| SEP-DEC SOYBEAN MEAL CSO | 0 | 366 | -100.0% | 0 | 0.0% | 0 | 1,166 | -100.0% |
| SOYBEAN | 1,370,944 | 2,347,175 | -41.6% | 2,049,579 | -33.1% | 7,444,706 | 11,189,468 | -33.5% |
| SOYBEAN CRUSH | 0 | 10 | -100.0% | 0 | 0.0% | 4 | 131 | -96.9% |
| SOYBEAN MEAL | 170,026 | 371,196 | -54.2% | 249,171 | -31.8% | 987,435 | 2,080,954 | -52.5% |
| SOYBEAN OIL | 98,464 | 111,790 | -11.9% | 143,472 | -31.4% | 675,013 | 724,426 | -6.8% |
| SOYBN NEARBY+2 CAL SPRD | 0 | 10 | -100.0% | 5,500 | -100.0% | 5,500 | 10 | 54,900.0% |
| SOYMEAL NEARBY+2 CAL SPRD | 0 | 2,000 | -100.0% | 0 | 0.0% | 465 | 2,400 | -80.6% |
| WHEAT | 3,598 | 59 | 5,998.3% | 9,851 | -63.5% | 31,082 | 823 | 3,676.7% |
| WHEAT-CORN IC SO | 50 | 400 | -87.5% | 40 | 25.0% | 2,580 | 3,345 | -22.9% |
| WHEAT NEARBY+2 CAL SPRD | 0 | 2,640 | -100.0% | 0 | 0.0% | 2,240 | 9,941 | -77.5% |

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CMEG Exchange Volume Report - Monthly

| | VOLUME JUN 2019 | VOLUME JUN 2018 | % CHG | VOLUME MAY 2019 | % CHG | VOLUME Y.T.D 2019 | VOLUME Y.T.D 2018 | % CHG |
|----------------------------|--------------------|--------------------|--------------|--------------------|---------------|----------------------|----------------------|--------------|
| TOTAL FUTURES GROUP | | | | | | | | |
| Interest Rate Futures | 171,646,347 | 127,282,414 | 34.9% | 229,844,224 | -25.3% | 985,863,393 | 995,045,748 | -0.9% |
| Equity Index Futures | 64,917,320 | 55,209,741 | 17.6% | 75,265,742 | -13.7% | 334,773,813 | 338,478,953 | -1.1% |
| Metals Futures | 13,449,003 | 12,739,910 | 5.6% | 11,504,952 | 16.9% | 65,427,127 | 79,520,908 | -17.7% |
| Energy Futures | 44,056,958 | 48,588,548 | -9.3% | 49,734,026 | -11.4% | 269,495,950 | 296,613,174 | -9.1% |
| FX Futures | 20,280,312 | 22,969,579 | -11.7% | 16,883,411 | 20.1% | 102,182,592 | 123,275,998 | -17.1% |
| Ags Futures | 1,855 | 1,170 | 58.5% | 1,500 | 23.7% | 8,955 | 6,735 | 33.0% |
| Foreign Exchange Futures | 0 | 507 | -100.0% | 10 | -100.0% | 410 | 13,248 | -96.9% |
| Ag Products Futures | 32,869,245 | 33,960,565 | -3.2% | 31,793,756 | 3.4% | 164,223,314 | 171,718,808 | -4.4% |
| TOTAL FUTURES | 347,221,040 | 300,752,434 | 15.5% | 415,027,621 | -16.3% | 1,921,975,554 | 2,004,673,572 | -4.1% |
| TOTAL OPTIONS GROUP | | | | | | | | |
| Equity Index Options | 12,238,824 | 12,185,224 | 0.4% | 17,782,894 | -31.2% | 76,540,312 | 107,851,876 | -29.0% |
| Interest Rate Options | 85,387,963 | 45,262,035 | 88.7% | 74,343,222 | 14.9% | 373,617,505 | 322,579,259 | 15.8% |
| Metals Options | 2,563,969 | 1,239,192 | 106.9% | 1,291,483 | 98.5% | 8,705,728 | 7,106,208 | 22.5% |
| Energy Options | 5,484,513 | 5,516,012 | -0.6% | 5,914,087 | -7.3% | 30,082,449 | 39,741,499 | -24.3% |
| FX Options | 1,029,095 | 1,527,387 | -32.6% | 1,207,942 | -14.8% | 6,868,172 | 10,034,197 | -31.6% |
| Ag Products Options | 7,845,426 | 8,255,194 | -5.0% | 9,975,797 | -21.4% | 36,609,761 | 37,434,750 | -2.2% |
| Foreign Exchange Options | 380 | 1,041 | -63.5% | 982 | -61.3% | 5,386 | 4,905 | 9.8% |
| TOTAL OPTIONS | 114,550,170 | 73,986,085 | 54.8% | 110,516,407 | 3.6% | 532,429,313 | 524,752,694 | 1.5% |
| TOTAL COMBINED | | | | | | | | |
| Interest Rate | 257,034,310 | 172,544,449 | 49.0% | 304,187,446 | -15.5% | 1,359,480,898 | 1,317,625,007 | 3.2% |
| Equity Index | 77,156,144 | 67,394,965 | 14.5% | 93,048,636 | -17.1% | 411,314,125 | 446,330,829 | -7.8% |
| Metals | 16,012,972 | 13,979,102 | 14.5% | 12,796,435 | 25.1% | 74,132,855 | 86,627,116 | -14.4% |
| Energy | 49,541,471 | 54,104,560 | -8.4% | 55,648,113 | -11.0% | 299,578,399 | 336,354,673 | -10.9% |
| FX | 21,309,407 | 24,496,966 | -13.0% | 18,091,353 | 17.8% | 109,050,764 | 133,310,195 | -18.2% |
| Ags | 1,855 | 1,170 | 58.5% | 1,500 | 23.7% | 8,955 | 6,735 | 33.0% |
| Foreign Exchange | 380 | 1,548 | -75.5% | 992 | -61.7% | 5,796 | 18,153 | -68.1% |
| Ag Products | 40,714,671 | 42,215,759 | -3.6% | 41,769,553 | -2.5% | 200,833,075 | 209,153,558 | -4.0% |
| GRAND TOTAL | 461,771,210 | 374,738,519 | 23.2% | 525,544,028 | -12.1% | 2,454,404,867 | 2,529,426,266 | -3.0% |

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