

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                  |     | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG  | VOLUME<br>OCT 2023 | % CHG    | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG   |
|----------------------------|-----|--------------------|--------------------|--------|--------------------|----------|----------------------|----------------------|---------|
| <b>Ag Products Futures</b> |     |                    |                    |        |                    |          |                      |                      |         |
| COFFEE                     | KT  | 0                  | 0                  | 0.0%   | 0                  | -        | 0                    | 0                    | 0.0%    |
| <b>Energy Futures</b>      |     |                    |                    |        |                    |          |                      |                      |         |
| CRUDE OIL PHY              | CL  | 16,355,332         | 16,410,464         | -0.3%  | 18,880,510         | -13.4%   | 190,781,649          | 191,188,101          | -0.2%   |
| CRUDE OIL                  | WS  | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 0                    | 1,000                | -100.0% |
| MINY WTI CRUDE OIL         | QM  | 287,071            | 432,710            | -33.7% | 333,368            | -13.9%   | 3,419,831            | 6,554,053            | -47.8%  |
| BRENT OIL LAST DAY         | BZ  | 1,383,608          | 1,466,257          | -5.6%  | 1,667,375          | -17.0%   | 13,962,350           | 16,216,849           | -13.9%  |
| HEATING OIL PHY            | HO  | 3,390,397          | 2,674,562          | 26.8%  | 3,671,026          | -7.6%    | 36,624,674           | 36,744,154           | -0.3%   |
| HTG OIL                    | BH  | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 96                   | 108                  | -11.1%  |
| MINY HTG OIL               | QH  | 15                 | 13                 | 15.4%  | 12                 | 25.0%    | 121                  | 99                   | 22.2%   |
| RBOB PHY                   | RB  | 3,044,268          | 2,894,347          | 5.2%   | 3,333,370          | -8.7%    | 39,940,350           | 38,239,717           | 4.4%    |
| MINY RBOB GAS              | QU  | 5                  | 5                  | 0.0%   | 10                 | -50.0%   | 97                   | 95                   | 2.1%    |
| NATURAL GAS                | HP  | 236,629            | 147,873            | 60.0%  | 276,412            | -14.4%   | 2,224,783            | 1,845,769            | 20.5%   |
| LTD NAT GAS                | HH  | 458,211            | 365,864            | 25.2%  | 401,835            | 14.0%    | 4,002,725            | 3,900,873            | 2.6%    |
| MINY NATURAL GAS           | QG  | 184,278            | 325,570            | -43.4% | 167,269            | 10.2%    | 2,414,362            | 3,411,265            | -29.2%  |
| NATURAL GAS PHY            | NG  | 8,715,624          | 6,959,599          | 25.2%  | 9,256,092          | -5.8%    | 92,209,663           | 78,532,906           | 17.4%   |
| RBOB GAS                   | RT  | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 72                   | 72                   | 0.0%    |
| AEP-DAYTON HUB DAILY       | VD  | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| ARGUS LLS VS. WTI (ARG) T  | E5  | 2,815              | 2,870              | -1.9%  | 2,405              | 17.0%    | 38,000               | 63,190               | -39.9%  |
| ARGUS PROPAN FAR EST INDE  | 7E  | 9,026              | 9,075              | -0.5%  | 14,825             | -39.1%   | 104,024              | 66,316               | 56.9%   |
| ARGUS PROPAN(SAUDI ARAMCO  | 9N  | 3,063              | 3,027              | 1.2%   | 3,091              | -0.9%    | 31,874               | 22,410               | 42.2%   |
| BRENT BALMO SWAP           | J9  | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 85                   | 1,587                | -94.6%  |
| BRENT CALENDAR SWAP        | CY  | 6,733              | 5,948              | 13.2%  | 8,579              | -21.5%   | 100,107              | 153,925              | -35.0%  |
| BRENT FINANCIAL FUTURES    | BB  | 0                  | 0                  | 0.0%   | 0                  | -        | 0                    | 0                    | 0.0%    |
| BRENT FINANCIAL FUTURES    | MBC | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 360                  | 250                  | 44.0%   |
| BRENT FINANCIAL FUTURES    | MDB | 0                  | 0                  | 0.0%   | 0                  | -        | 0                    | 0                    | 0.0%    |
| BRENT OIL LAST DAY         | BZL | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| BRENT OIL LAST DAY         | BZS | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| CAR VINTAGE                | GEO | 15,968             | 7,863              | 103.1% | 7,818              | 104.2%   | 108,594              | 40,182               | 170.3%  |
| CAR VINTAGE                | NGO | 12,742             | 10,399             | 22.5%  | 7,227              | 76.3%    | 72,939               | 129,161              | -43.5%  |
| CEU ENERGY                 | TFU | 0                  | 0                  | -      | 0                  | 0.0%     | 330                  | 0                    | -       |
| CEU ENERGY                 | TTG | 7,532              | 0                  | -      | 177                | 4,155.4% | 7,869                | 0                    | -       |
| CHICAGO ETHANOL SWAP       | CU  | 84,030             | 55,334             | 51.9%  | 89,708             | -6.3%    | 854,881              | 653,012              | 30.9%   |

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| <b>Energy Futures</b>               |     |                    |                    |         |                    |          |                      |                      |         |
| CHICAGO ULSD PL VS HO SPR           | 5C  | 631                | 440                | 43.4%   | 615                | 2.6%     | 10,446               | 7,123                | 46.7%   |
| CHICAGO UNL GAS PL VS RBO           | 3C  | 300                | 0                  | 0.0%    | 0                  | 0.0%     | 300                  | 0                    | 0.0%    |
| CONWAY NATURAL GASOLINE (OPIS) SWAP | 8L  | 131                | 15                 | 773.3%  | 10                 | 1,210.0% | 833                  | 2,976                | -72.0%  |
| CONWAY NORMAL BUTANE (OPIS) SWAP    | 8M  | 312                | 605                | -48.4%  | 1,657              | -81.2%   | 5,206                | 4,112                | 26.6%   |
| CONWAY PROPANE 5 DECIMALS SWAP      | 8K  | 14,088             | 19,902             | -29.2%  | 11,802             | 19.4%    | 199,137              | 180,860              | 10.1%   |
| CRUDE OIL                           | LPS | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| CRUDE OIL LAST DAY                  | 26  | 326                | 697                | -53.2%  | 518                | -37.1%   | 4,253                | 4,719                | -9.9%   |
| CRUDE OIL OUTRIGHTS                 | 42  | 590                | 524                | 12.6%   | 56                 | 953.6%   | 5,818                | 9,558                | -39.1%  |
| CRUDE OIL OUTRIGHTS                 | CC5 | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 1,988                | -100.0% |
| CRUDE OIL OUTRIGHTS                 | CSW | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 1,320                | -100.0% |
| CRUDE OIL OUTRIGHTS                 | GSW | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 105                  | -100.0% |
| CRUDE OIL OUTRIGHTS                 | HTT | 108,992            | 90,319             | 20.7%   | 131,164            | -16.9%   | 1,547,792            | 813,236              | 90.3%   |
| CRUDE OIL OUTRIGHTS                 | LSW | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 100                  | 4,347                | -97.7%  |
| CRUDE OIL OUTRIGHTS                 | WCW | 0                  | 150                | -100.0% | 0                  | 0.0%     | 0                    | 17,420               | -100.0% |
| CRUDE OIL PHY                       | CLL | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| CRUDE OIL PHY                       | HCL | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| CRUDE OIL PHY                       | MCL | 2,281,953          | 2,239,156          | 1.9%    | 2,537,655          | -10.1%   | 22,289,621           | 28,241,937           | -21.1%  |
| CRUDE OIL SPRDS                     | ANT | 707                | 0                  | 0.0%    | 150                | 371.3%   | 7,870                | 8,466                | -7.0%   |
| CRUDE OIL SPRDS                     | BKT | 0                  | 0                  | -       | 0                  | 0.0%     | 750                  | 0                    | -       |
| CRUDE OIL SPRDS                     | HIL | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 3,255                | -100.0% |
| CRUDE OIL SPRDS                     | WTT | 54,773             | 61,415             | -10.8%  | 58,126             | -5.8%    | 677,181              | 571,752              | 18.4%   |
| CRUDE OIL TRADE AT MARKER SINGAPORE | CLS | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | AOR | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | IDO | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | NOC | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | PAP | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | PEO | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | PWO | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | PWP | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | WOR | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | ZAO | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | ZGO | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | ZJO | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DATED TO FRONTLINE BRENT            | FY  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 2,220                | -100.0% |
| DIESEL 10P BRG FOB RDM VS           | 7X  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 5                    | -100.0% |

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| <b>Energy Futures</b>               |     |                    |                    |          |                    |        |                      |                      |          |
| DOMINION TRANSMISSION INC           | PG  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%     |
| DUBAI CRUDE OIL CALENDAR            | DC  | 1,500              | 0                  | 0.0%     | 1,500              | 0.0%   | 3,800                | 2,000                | 90.0%    |
| DUTCH TTF NATURAL GAS CAL MONTH FUT | TTF | 42,596             | 0                  | 0.0%     | 49,599             | -14.1% | 286,679              | 14,607               | 1,862.6% |
| EAST/WEST FUEL OIL SPREAD           | EW  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%     |
| EIA FLAT TAX ONHWAY DIESE           | A5  | 180                | 1,173              | -84.7%   | 555                | -67.6% | 1,834                | 2,011                | -8.8%    |
| ELEC FINSETTLED                     | 47  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%     |
| ELECTRICITY OFF PEAK                | 46  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%     |
| EMMISSIONS                          | CGO | 2,699              | 3,391              | -20.4%   | 3,148              | -14.3% | 26,046               | 22,428               | 16.1%    |
| ETHANOL                             | MTH | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 10                   | -100.0%  |
| ETHANOL                             | Z1B | 0                  | 0                  | -        | 0                  | 0.0%   | 36                   | 0                    | -        |
| ETHANOL SWAP                        | MT2 | 130                | 155                | -16.1%   | 355                | -63.4% | 3,020                | 2,120                | 42.5%    |
| ETHANOL T2 FOB ROTT INCL DUTY SWAP  | Z1  | 5,250              | 3,655              | 43.6%    | 6,320              | -16.9% | 47,076               | 38,533               | 22.2%    |
| EURO 3.5% FUEL OIL RDAM B           | KR  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 126                  | 0                    | 0.0%     |
| EURO GASOIL 10 CAL SWAP             | GT  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 3                    | -100.0%  |
| EURO GASOIL 10PPM VS ICE            | ET  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 1,169                | -100.0%  |
| EUROPE 1% FUEL OIL NWE CA           | UF  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 0                    | 0.0%     |
| EUROPE 3.5% FUEL OIL MED            | UI  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%     |
| EUROPE 3.5% FUEL OIL RDAM           | UV  | 61                 | 1                  | 6,000.0% | 59                 | 3.4%   | 370                  | 560                  | -33.9%   |
| EUROPEAN GASOIL (ICE)               | 7F  | 33                 | 129                | -74.4%   | 48                 | -31.3% | 374                  | 13,592               | -97.2%   |
| EUROPEAN NAPHTHA BALMO              | KZ  | 0                  | 30                 | -100.0%  | 0                  | 0.0%   | 127                  | 211                  | -39.8%   |
| EUROPEAN NAPHTHA CRACK SPR          | EN  | 2,167              | 293                | 639.6%   | 4,936              | -56.1% | 35,775               | 21,700               | 64.9%    |
| EUROPE DATED BRENT SWAP             | UB  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 0                    | 0.0%     |
| EUROPE JET KERO NWE CALSW           | UJ  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%     |
| EUROPE NAPHTHA CALSWAP              | UN  | 880                | 823                | 6.9%     | 856                | 2.8%   | 9,971                | 6,704                | 48.7%    |
| EURO PROPANE CIF ARA SWA            | PS  | 1,795              | 1,721              | 4.3%     | 2,806              | -36.0% | 22,154               | 19,618               | 12.9%    |
| FREIGHT MARKETS                     | BF2 | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%     |
| FREIGHT MARKETS                     | BL2 | 720                | 132                | 445.5%   | 222                | 224.3% | 2,272                | 1,377                | 65.0%    |
| FREIGHT MARKETS                     | CS3 | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 10                   | -100.0%  |
| FREIGHT MARKETS                     | CS4 | 0                  | 120                | -100.0%  | 0                  | 0.0%   | 70                   | 480                  | -85.4%   |
| FREIGHT MARKETS                     | FLJ | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 46                   | 0                    | 0.0%     |
| FREIGHT MARKETS                     | FLP | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 54                   | 296                  | -81.8%   |
| FREIGHT MARKETS                     | FRC | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 36                   | -100.0%  |
| FREIGHT MARKETS                     | T2D | 0                  | 57                 | -100.0%  | 0                  | 0.0%   | 0                    | 785                  | -100.0%  |
| FREIGHT MARKETS                     | T8C | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%     |
| FREIGHT MARKETS                     | TC6 | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 0                    | 0.0%     |

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| <b>Energy Futures</b>              |     |                    |                    |          |                    |        |                      |                      |         |
| FREIGHT MARKETS                    | TD3 | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 0                    | 0.0%    |
| FREIGHT MARKETS                    | USE | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%    |
| FUEL OIL CRACK VS ICE              | FO  | 0                  | 12                 | -100.0%  | 0                  | 0.0%   | 0                    | 1,204                | -100.0% |
| FUEL OIL NWE CRACK VS ICE          | FI  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 30                   | 66                   | -54.5%  |
| FUELOIL SWAP:CARGOES VS.B          | FS  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 0                    | 0.0%    |
| GAS EURO-BOB OXY NWE BARGES        | 7H  | 238                | 147                | 61.9%    | 240                | -0.8%  | 3,279                | 2,129                | 54.0%   |
| GAS EURO-BOB OXY NWE BARGES CRK    | 7K  | 1,673              | 1,249              | 33.9%    | 3,037              | -44.9% | 22,611               | 26,012               | -13.1%  |
| GASOIL 0.1CIF MED VS ICE           | Z5  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 45                   | -100.0% |
| GASOIL 0.1 RDAM BRGS VS I          | WQ  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 10                   | -100.0% |
| GASOIL 0.1 ROTTERDAM BARG          | VL  | 0                  | 10                 | -100.0%  | 0                  | 0.0%   | 1                    | 76                   | -98.7%  |
| GASOIL 10PPM VS ICE SWAP           | TP  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 12                   | -100.0% |
| GASOIL CALENDAR SWAP               | GX  | 9                  | 36                 | -75.0%   | 24                 | -62.5% | 78                   | 1,013                | -92.3%  |
| GASOIL CRACK SPREAD CALEN          | GZ  | 180                | 12                 | 1,400.0% | 0                  | 0.0%   | 705                  | 10,971               | -93.6%  |
| GASOIL MINI CALENDAR SWAP          | QA  | 259                | 360                | -28.1%   | 288                | -10.1% | 2,286                | 3,177                | -28.0%  |
| GERMAN POWER BASELOAD CAL MONTH FU | DEB | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 0                    | 0.0%    |
| GRP THREE ULSD(PLT)VS HEA          | A6  | 4,538              | 3,035              | 49.5%    | 2,160              | 110.1% | 45,115               | 49,238               | -8.4%   |
| GRP THREE UNL GS (PLT) VS          | A8  | 2,150              | 1,625              | 32.3%    | 3,475              | -38.1% | 29,283               | 32,487               | -9.9%   |
| GULF COAST 3% FUEL OIL BA          | VZ  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 967                  | -100.0% |
| GULF COAST JET FUEL CLNDR          | GE  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%    |
| GULF COAST JET VS NYM 2 H          | ME  | 5,910              | 4,422              | 33.6%    | 7,209              | -18.0% | 101,899              | 100,870              | 1.0%    |
| GULF COAST NO.6 FUEL OIL           | MF  | 1,428              | 4,566              | -68.7%   | 2,230              | -36.0% | 38,293               | 49,763               | -23.0%  |
| GULF COAST NO.6 FUEL OIL           | MG  | 16,093             | 16,081             | 0.1%     | 18,025             | -10.7% | 159,219              | 94,358               | 68.7%   |
| GULF COAST ULSD CALENDAR           | LY  | 180                | 1,203              | -85.0%   | 609                | -70.4% | 1,969                | 2,007                | -1.9%   |
| GULF COAST ULSD CRACK SPR          | GY  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 0                    | 0.0%    |
| HEATING OIL BALMO CLNDR S          | 1G  | 200                | 20                 | 900.0%   | 79                 | 153.2% | 1,799                | 3,510                | -48.7%  |
| HEATING OIL CRCK SPRD BAL          | 1H  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 127                  | -100.0% |
| HEATING OIL PHY                    | HOL | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 0                    | 0.0%    |
| HEATING OIL PHY                    | MHO | 4                  | 36                 | -88.9%   | 0                  | 0.0%   | 20                   | 102                  | -80.4%  |
| HENRY HUB SWAP                     | NN  | 25,510             | 14,672             | 73.9%    | 26,873             | -5.1%  | 331,527              | 295,238              | 12.3%   |
| HOUSTON SHIP CHANNEL BASI          | NH  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%    |
| ICE BRENT DUBAI SWAP               | DB  | 0                  | 220                | -100.0%  | 0                  | 0.0%   | 415                  | 2,413                | -82.8%  |
| ICE GASOIL BALMO SWAP              | U9  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%    |
| INDIANA MISO                       | FTD | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%    |
| INDIANA MISO                       | PTD | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%    |
| INDONESIAN COAL ICI4               | ICI | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 0                    | 0.0%    |

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| <b>Energy Futures</b>                |     |                    |                    |         |                    |         |                      |                      |         |
| JAPAN C&F NAPHTHA CRACK S            | JB  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 10                   | 428                  | -97.7%  |
| JAPAN C&F NAPHTHA SWAP               | JA  | 240                | 47                 | 410.6%  | 204                | 17.6%   | 2,062                | 1,210                | 70.4%   |
| JAPAN NAPHTHA BALMO SWAP             | E6  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 35                   | 6                    | 483.3%  |
| JET CIF NWE VS ICE                   | JC  | 30                 | 0                  | 0.0%    | 6                  | 400.0%  | 222                  | 1,525                | -85.4%  |
| JET FUEL UP-DOWN BALMO CL            | 1M  | 200                | 125                | 60.0%   | 1,390              | -85.6%  | 10,684               | 15,366               | -30.5%  |
| JKM LNG Futures                      | JKM | 0                  | 386                | -100.0% | 0                  | 0.0%    | 0                    | 3,609                | -100.0% |
| LA CARB DIESEL (OPIS) SWA            | KL  | 114                | 43                 | 165.1%  | 86                 | 32.6%   | 2,783                | 2,334                | 19.2%   |
| LA CARBOB GASOLINE(OPIS)S            | JL  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 225                  | 0                    | 0.0%    |
| LA JET (OPIS) SWAP                   | JS  | 50                 | 25                 | 100.0%  | 275                | -81.8%  | 5,405                | 3,400                | 59.0%   |
| LLS (ARGUS) CALENDAR SWAP            | XA  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |
| LLS (ARGUS) VS WTI SWAP              | WJ  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 590                  | 93                   | 534.4%  |
| MARS (ARGUS) VS WTI SWAP             | YX  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 1,685                | -100.0% |
| MARS (ARGUS) VS WTI TRD M            | YV  | 3,675              | 11,873             | -69.0%  | 13,025             | -71.8%  | 162,550              | 168,219              | -3.4%   |
| MCCLOSKEY ARA ARGS COAL              | MTF | 855                | 2,132              | -59.9%  | 999                | -14.4%  | 10,807               | 55,782               | -80.6%  |
| MCCLOSKEY RCH BAY COAL               | MFF | 0                  | 15                 | -100.0% | 0                  | 0.0%    | 54                   | 4,151                | -98.7%  |
| MGN1 SWAP FUT                        | MGN | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |
| MINI GAS EUROBOB OXY NWE ARGS BALMO  | MEB | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 130                  | 263                  | -50.6%  |
| MINI RBOB V. EBOBARG NWE BRGS BALMO  | MXR | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 310                  | 50                   | 520.0%  |
| MINI RBOB V. EBOB(ARGUS) NWE BRGS    | MXB | 109                | 310                | -64.8%  | 102                | 6.9%    | 1,417                | 3,364                | -57.9%  |
| MJC FUT                              | MJC | 0                  | 0                  | 0.0%    | 30                 | -100.0% | 60                   | 0                    | 0.0%    |
| MNC FUT                              | MNC | 678                | 1,658              | -59.1%  | 512                | 32.4%   | 9,948                | 18,555               | -46.4%  |
| MONT BELVIEU ETHANE 5 DECIMAL        | C0  | 26,070             | 37,839             | -31.1%  | 32,313             | -19.3%  | 349,890              | 400,423              | -12.6%  |
| MONT BELVIEU ETHANE OPIS BALMO       | 8C  | 600                | 1,176              | -49.0%  | 1,230              | -51.2%  | 7,330                | 10,077               | -27.3%  |
| MONT BELVIEU LDH PROPANE 5 DECIMAL   | B0  | 196,716            | 199,579            | -1.4%   | 245,820            | -20.0%  | 2,486,347            | 1,898,487            | 31.0%   |
| MONT BELVIEU LDH PROPANE OPIS BALMO  | 8O  | 1,416              | 2,379              | -40.5%  | 2,995              | -52.7%  | 23,371               | 29,449               | -20.6%  |
| MONT BELVIEU NATURAL GASOLINE 5 DEC  | 7Q  | 14,496             | 20,191             | -28.2%  | 19,782             | -26.7%  | 261,584              | 267,044              | -2.0%   |
| MONT BELVIEU NATURAL GASOLINE BALMO  | R0  | 764                | 2,393              | -68.1%  | 675                | 13.2%   | 13,577               | 18,781               | -27.7%  |
| MONT BELVIEU NORMAL BUTANE 5 DECIMAL | D0  | 66,059             | 60,424             | 9.3%    | 72,333             | -8.7%   | 754,927              | 605,894              | 24.6%   |
| MONT BELVIEU NORMAL BUTANE BALMO     | 8J  | 1,330              | 1,577              | -15.7%  | 1,689              | -21.3%  | 12,249               | 16,734               | -26.8%  |
| NATURAL GAS                          | NWM | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 480                  | 305                  | 57.4%   |
| NATURAL GAS PEN SWP                  | NP  | 24,823             | 27,154             | -8.6%   | 41,571             | -40.3%  | 260,039              | 478,558              | -45.7%  |
| NATURAL GAS PHY                      | MNG | 107,339            | 0                  | -       | 0                  | -       | 107,339              | 0                    | -       |
| NEPOOL INTR HUB 5MW D AH             | H2  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| NEPOOL INTR HUB 5MW D AH             | U6  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| NEW ENGLAND HUB PEAK DAIL            | CE  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                         |     | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG    | VOLUME<br>OCT 2023 | % CHG   | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG   |
|-----------------------------------|-----|--------------------|--------------------|----------|--------------------|---------|----------------------|----------------------|---------|
| <b>Energy Futures</b>             |     |                    |                    |          |                    |         |                      |                      |         |
| NEW YORK ETHANOL SWAP             | EZ  | 840                | 490                | 71.4%    | 510                | 64.7%   | 8,027                | 9,482                | -15.3%  |
| NEW YORK HUB ZONE G PEAK          | GN  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| NEW YORK HUB ZONE J PEAK          | JN  | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| N ILLINOIS HUB DAILY              | UD  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| NY1% VS GC SPREAD SWAP            | VR  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| NY HARBOR 1% FUEL OIL BAL         | VK  | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| NY HARBOR HEAT OIL SWP            | MP  | 2,395              | 3,327              | -28.0%   | 2,679              | -10.6%  | 24,711               | 15,816               | 56.2%   |
| NY HARBOR LOW SULPUR GAS 1000MBBL | NLS | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| NY HARBOR RESIDUAL FUEL 1         | MM  | 0                  | 75                 | -100.0%  | 0                  | 0.0%    | 750                  | 1,425                | -47.4%  |
| NYH NO 2 CRACK SPREAD CAL         | HK  | 578                | 105                | 450.5%   | 1,462              | -60.5%  | 33,266               | 17,055               | 95.1%   |
| NYISO CAPACITY                    | LHV | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| NYISO ZONE G 5MW D AH O P         | D2  | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| NYISO ZONE G 5MW D AH PK          | T3  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| NY ULSD (ARGUS) VS HEATING OIL    | 7Y  | 1,317              | 998                | 32.0%    | 600                | 119.5%  | 14,169               | 6,410                | 121.0%  |
| PANHANDLE BASIS SWAP FUTU         | PH  | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETROCHEMICALS                    | 22  | 120                | 142                | -15.5%   | 134                | -10.4%  | 1,639                | 1,532                | 7.0%    |
| PETROCHEMICALS                    | 32  | 56                 | 98                 | -42.9%   | 123                | -54.5%  | 854                  | 523                  | 63.3%   |
| PETROCHEMICALS                    | 3NA | 90                 | 2                  | 4,400.0% | 34                 | 164.7%  | 588                  | 269                  | 118.6%  |
| PETROCHEMICALS                    | 51  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 58                   | 15                   | 286.7%  |
| PETROCHEMICALS                    | 81  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 60                   | 424                  | -85.8%  |
| PETROCHEMICALS                    | 8I  | 24                 | 200                | -88.0%   | 411                | -94.2%  | 6,038                | 9,539                | -36.7%  |
| PETROCHEMICALS                    | 91  | 470                | 680                | -30.9%   | 485                | -3.1%   | 4,435                | 3,891                | 14.0%   |
| PETROCHEMICALS                    | MAA | 0                  | 30                 | -100.0%  | 0                  | 0.0%    | 1,180                | 490                  | 140.8%  |
| PETROCHEMICALS                    | MAE | 1,680              | 1,522              | 10.4%    | 1,705              | -1.5%   | 16,381               | 13,104               | 25.0%   |
| PETROCHEMICALS                    | MAS | 525                | 460                | 14.1%    | 420                | 25.0%   | 5,649                | 4,030                | 40.2%   |
| PETROCHEMICALS                    | MBE | 0                  | 50                 | -100.0%  | 0                  | 0.0%    | 720                  | 760                  | -5.3%   |
| PETROCHEMICALS                    | MNB | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 15                   | -100.0% |
| PETROCHEMICALS                    | MPS | 815                | 618                | 31.9%    | 505                | 61.4%   | 5,707                | 3,244                | 75.9%   |
| PETROCHEMICALS                    | PMF | 0                  | 0                  | 0.0%     | 3                  | -100.0% | 78                   | 14                   | 457.1%  |
| PETRO CRCKS & SPRDS ASIA          | STR | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO CRCKS & SPRDS ASIA          | STS | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PETRO CRCKS & SPRDS NA            | CRB | 18,382             | 9,830              | 87.0%    | 17,595             | 4.5%    | 152,963              | 174,119              | -12.2%  |
| PETRO CRCKS & SPRDS NA            | EXR | 531                | 172                | 208.7%   | 269                | 97.4%   | 3,505                | 2,853                | 22.9%   |
| PETRO CRCKS & SPRDS NA            | FOC | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO CRCKS & SPRDS NA            | GBB | 25                 | 0                  | 0.0%     | 0                  | 0.0%    | 960                  | 700                  | 37.1%   |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity               |     | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG    | VOLUME<br>OCT 2023 | % CHG   | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG   |
|-------------------------|-----|--------------------|--------------------|----------|--------------------|---------|----------------------|----------------------|---------|
| <b>Energy Futures</b>   |     |                    |                    |          |                    |         |                      |                      |         |
| PETRO CRCKS & SPRDS NA  | GCI | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 375                  | 150                  | 150.0%  |
| PETRO CRCKS & SPRDS NA  | GCU | 570                | 0                  | 0.0%     | 462                | 23.4%   | 1,128                | 275                  | 310.2%  |
| PETRO CRCKS & SPRDS NA  | GFC | 0                  | 0                  | 0.0%     | 35                 | -100.0% | 1,480                | 1,350                | 9.6%    |
| PETRO CRCKS & SPRDS NA  | HOB | 120                | 0                  | 0.0%     | 0                  | 0.0%    | 1,650                | 577                  | 186.0%  |
| PETRO CRCKS & SPRDS NA  | MFR | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PETRO CRCKS & SPRDS NA  | RBB | 1,030              | 25                 | 4,020.0% | 550                | 87.3%   | 7,555                | 6,651                | 13.6%   |
| PETRO CRCKS & SPRDS NA  | RVG | 900                | 861                | 4.5%     | 85                 | 958.8%  | 11,941               | 20,396               | -41.5%  |
| PETRO CRCKS & SPRDS NA  | SF3 | 0                  | 0                  | -        | 0                  | 0.0%    | 12                   | 0                    | -       |
| PETRO CRK&SPRD EURO     | 1NB | 0                  | 378                | -100.0%  | 0                  | 0.0%    | 265                  | 2,499                | -89.4%  |
| PETRO CRK&SPRD EURO     | 43  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 103                  | 121                  | -14.9%  |
| PETRO CRK&SPRD EURO     | BOB | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 120                  | 605                  | -80.2%  |
| PETRO CRK&SPRD EURO     | EOB | 0                  | 0                  | 0.0%     | 5                  | -100.0% | 5                    | 0                    | 0.0%    |
| PETRO CRK&SPRD EURO     | EPN | 485                | 348                | 39.4%    | 554                | -12.5%  | 4,679                | 4,313                | 8.5%    |
| PETRO CRK&SPRD EURO     | EVC | 0                  | 40                 | -100.0%  | 0                  | 0.0%    | 375                  | 867                  | -56.7%  |
| PETRO CRK&SPRD EURO     | GOC | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 9                    | -100.0% |
| PETRO CRK&SPRD EURO     | MGB | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO CRK&SPRD EURO     | MUD | 0                  | 0                  | -        | 0                  | 0.0%    | 30                   | 0                    | -       |
| PETRO CRK&SPRD EURO     | NBB | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO CRK&SPRD EURO     | NOB | 29                 | 17                 | 70.6%    | 61                 | -52.5%  | 1,007                | 934                  | 7.8%    |
| PETROLEUM PRODUCTS      | 1NM | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 50                   | -100.0% |
| PETROLEUM PRODUCTS      | BEB | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETROLEUM PRODUCTS      | BEF | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 3                    | 2                    | 50.0%   |
| PETROLEUM PRODUCTS      | CMS | 200                | 0                  | 0.0%     | 0                  | 0.0%    | 1,220                | 1,590                | -23.3%  |
| PETROLEUM PRODUCTS      | EWG | 0                  | 50                 | -100.0%  | 0                  | 0.0%    | 1,508                | 4,817                | -68.7%  |
| PETROLEUM PRODUCTS      | H5F | 0                  | 100                | -100.0%  | 0                  | 0.0%    | 535                  | 885                  | -39.5%  |
| PETROLEUM PRODUCTS      | JCC | 0                  | 50                 | -100.0%  | 514                | -100.0% | 9,970                | 13,566               | -26.5%  |
| PETROLEUM PRODUCTS      | MPE | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETROLEUM PRODUCTS      | R5E | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETROLEUM PRODUCTS      | R5F | 29                 | 17                 | 70.6%    | 14                 | 107.1%  | 180                  | 473                  | -61.9%  |
| PETROLEUM PRODUCTS      | S53 | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PETROLEUM PRODUCTS      | UCS | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETROLEUM PRODUCTS      | UP5 | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETROLEUM PRODUCTS      | VU  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 260                  | 1,148                | -77.4%  |
| PETROLEUM PRODUCTS ASIA | E6M | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 75                   | 50                   | 50.0%   |
| PETROLEUM PRODUCTS ASIA | MJN | 120                | 240                | -50.0%   | 45                 | 166.7%  | 4,185                | 7,416                | -43.6%  |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity             |     | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG   | VOLUME<br>OCT 2023 | % CHG   | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG    |
|-----------------------|-----|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|----------|
| <b>Energy Futures</b> |     |                    |                    |         |                    |         |                      |                      |          |
| PETRO OUTRIGHT EURO   | 0B  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | 0C  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | 0D  | 70                 | 60                 | 16.7%   | 136                | -48.5%  | 540                  | 355                  | 52.1%    |
| PETRO OUTRIGHT EURO   | 0E  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | 0F  | 30                 | 0                  | 0.0%    | 25                 | 20.0%   | 95                   | 9                    | 955.6%   |
| PETRO OUTRIGHT EURO   | 1T  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | 5L  | 0                  | 20                 | -100.0% | 0                  | 0.0%    | 90                   | 30                   | 200.0%   |
| PETRO OUTRIGHT EURO   | 7I  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 75                   | 285                  | -73.7%   |
| PETRO OUTRIGHT EURO   | 7R  | 0                  | 0                  | 0.0%    | 15                 | -100.0% | 82                   | 46                   | 78.3%    |
| PETRO OUTRIGHT EURO   | CBB | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 55                   | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | CGB | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 15                   | 30                   | -50.0%   |
| PETRO OUTRIGHT EURO   | CPB | 280                | 80                 | 250.0%  | 85                 | 229.4%  | 2,338                | 1,766                | 32.4%    |
| PETRO OUTRIGHT EURO   | EFM | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | ENS | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | EWN | 39                 | 405                | -90.4%  | 286                | -86.4%  | 2,553                | 2,170                | 17.6%    |
| PETRO OUTRIGHT EURO   | FLB | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | H5G | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | JFB | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | M1B | 439                | 574                | -23.5%  | 663                | -33.8%  | 9,178                | 11,589               | -20.8%   |
| PETRO OUTRIGHT EURO   | MBB | 0                  | 0                  | 0.0%    | 60                 | -100.0% | 60                   | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | MBN | 550                | 390                | 41.0%   | 844                | -34.8%  | 7,763                | 6,411                | 21.1%    |
| PETRO OUTRIGHT EURO   | MEF | 0                  | 20                 | -100.0% | 60                 | -100.0% | 82                   | 114                  | -28.1%   |
| PETRO OUTRIGHT EURO   | MQA | 297                | 30                 | 890.0%  | 356                | -16.6%  | 2,510                | 218                  | 1,051.4% |
| PETRO OUTRIGHT EURO   | R53 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | R5B | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | R5M | 835                | 1,305              | -36.0%  | 964                | -13.4%  | 11,485               | 19,022               | -39.6%   |
| PETRO OUTRIGHT EURO   | R5O | 531                | 472                | 12.5%   | 634                | -16.2%  | 6,400                | 10,096               | -36.6%   |
| PETRO OUTRIGHT EURO   | RBM | 0                  | 10                 | -100.0% | 0                  | 0.0%    | 107                  | 122                  | -12.3%   |
| PETRO OUTRIGHT EURO   | S5B | 89                 | 0                  | 0.0%    | 22                 | 304.5%  | 118                  | 5                    | 2,260.0% |
| PETRO OUTRIGHT EURO   | S5F | 285                | 110                | 159.1%  | 622                | -54.2%  | 4,514                | 1,260                | 258.3%   |
| PETRO OUTRIGHT EURO   | S5M | 2,084              | 2,096              | -0.6%   | 1,833              | 13.7%   | 18,842               | 23,810               | -20.9%   |
| PETRO OUTRIGHT EURO   | S5O | 1,354              | 1,062              | 27.5%   | 1,121              | 20.8%   | 9,335                | 27,043               | -65.5%   |
| PETRO OUTRIGHT EURO   | SMU | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| PETRO OUTRIGHT EURO   | SR5 | 0                  | 12                 | -100.0% | 0                  | 0.0%    | 240                  | 132                  | 81.8%    |
| PETRO OUTRIGHT EURO   | TLB | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                           |     | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG    | VOLUME<br>OCT 2023 | % CHG   | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG   |
|-------------------------------------|-----|--------------------|--------------------|----------|--------------------|---------|----------------------|----------------------|---------|
| <b>Energy Futures</b>               |     |                    |                    |          |                    |         |                      |                      |         |
| PETRO OUTRIGHT EURO                 | ULB | 0                  | 625                | -100.0%  | 125                | -100.0% | 600                  | 625                  | -4.0%   |
| PETRO OUTRIGHT EURO                 | V0  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PETRO OUTRIGHT NA                   | A8B | 25                 | 75                 | -66.7%   | 260                | -90.4%  | 1,950                | 2,380                | -18.1%  |
| PETRO OUTRIGHT NA                   | AB6 | 150                | 435                | -65.5%   | 968                | -84.5%  | 3,788                | 3,880                | -2.4%   |
| PETRO OUTRIGHT NA                   | BCR | 325                | 900                | -63.9%   | 900                | -63.9%  | 11,438               | 26,070               | -56.1%  |
| PETRO OUTRIGHT NA                   | FCB | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO OUTRIGHT NA                   | JE  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 60                   | -100.0% |
| PETRO OUTRIGHT NA                   | JET | 2,875              | 575                | 400.0%   | 1,109              | 159.2%  | 17,969               | 6,360                | 182.5%  |
| PETRO OUTRIGHT NA                   | JTB | 50                 | 25                 | 100.0%   | 209                | -76.1%  | 2,464                | 2,161                | 14.0%   |
| PETRO OUTRIGHT NA                   | MBL | 0                  | 60                 | -100.0%  | 0                  | 0.0%    | 217                  | 920                  | -76.4%  |
| PETRO OUTRIGHT NA                   | MEN | 0                  | 13                 | -100.0%  | 0                  | 0.0%    | 373                  | 594                  | -37.2%  |
| PETRO OUTRIGHT NA                   | MEO | 36                 | 497                | -92.8%   | 0                  | 0.0%    | 1,182                | 3,108                | -62.0%  |
| PETRO OUTRIGHT NA                   | MFD | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO OUTRIGHT NA                   | MMF | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 20                   | -100.0% |
| PJM AD HUB 5MW REAL TIME            | V3  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PJM AD HUB 5MW REAL TIME            | Z9  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PJM DAILY                           | JD  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PJM NI HUB 5MW REAL TIME            | B3  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PJM NI HUB 5MW REAL TIME            | B6  | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PJM WESTH RT OFF-PEAK               | N9  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PJM WESTH RT PEAK                   | L1  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PLASTICS                            | PGP | 1,772              | 729                | 143.1%   | 3,065              | -42.2%  | 14,809               | 10,648               | 39.1%   |
| PREMIUM UNLD 10P FOB MED            | 3G  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 15                   | 111                  | -86.5%  |
| PROPANE NON-LDH MB (OPIS) BALMO SWP | 1S  | 1,003              | 2,000              | -49.9%   | 2,640              | -62.0%  | 14,913               | 18,530               | -19.5%  |
| PROPANE NON-LDH MT. BEL (OPIS) SWP  | 1R  | 11,377             | 24,838             | -54.2%   | 22,277             | -48.9%  | 259,157              | 152,674              | 69.7%   |
| RBOB CALENDAR SWAP                  | RL  | 3,677              | 7,857              | -53.2%   | 5,990              | -38.6%  | 82,571               | 60,164               | 37.2%   |
| RBOB CRACK SPREAD                   | RM  | 40                 | 300                | -86.7%   | 1,440              | -97.2%  | 20,476               | 15,212               | 34.6%   |
| RBOB CRACK SPREAD BALMO S           | 1E  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 100                  | 127                  | -21.3%  |
| RBOB GASOLINE BALMO CLNDR           | 1D  | 215                | 9                  | 2,288.9% | 136                | 58.1%   | 9,686                | 12,525               | -22.7%  |
| RBOB PHY                            | MRB | 2                  | 30                 | -93.3%   | 10                 | -80.0%  | 56                   | 89                   | -37.1%  |
| RBOB PHY                            | RBL | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| RBOB VS HEATING OIL SWAP            | RH  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 30                   | 975                  | -96.9%  |
| SINGAPORE 180CST BALMO              | BS  | 0                  | 1                  | -100.0%  | 0                  | 0.0%    | 21                   | 3                    | 600.0%  |
| SINGAPORE 380CST BALMO              | BT  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 1                    | -100.0% |
| SINGAPORE 380CST FUEL OIL           | SE  | 287                | 20                 | 1,335.0% | 605                | -52.6%  | 2,892                | 1,323                | 118.6%  |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                         |     | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG   | VOLUME<br>OCT 2023 | % CHG   | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG    |
|-----------------------------------|-----|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|----------|
| <b>Energy Futures</b>             |     |                    |                    |         |                    |         |                      |                      |          |
| SINGAPORE FUEL 180CST CAL         | UA  | 3                  | 0                  | 0.0%    | 22                 | -86.4%  | 40                   | 3                    | 1,233.3% |
| SINGAPORE FUEL OIL 180 CS         | GMS | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| SINGAPORE FUEL OIL SPREAD         | SD  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 24                   | 102                  | -76.5%   |
| SINGAPORE GASOIL                  | MAF | 0                  | 69                 | -100.0% | 0                  | 0.0%    | 236                  | 4,026                | -94.1%   |
| SINGAPORE GASOIL                  | MTB | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 196                  | -100.0%  |
| SINGAPORE GASOIL                  | MTS | 261                | 277                | -5.8%   | 190                | 37.4%   | 3,517                | 3,645                | -3.5%    |
| SINGAPORE GASOIL                  | SBM | 0                  | 0                  | 0.0%    | 5                  | -100.0% | 15                   | 332                  | -95.5%   |
| SINGAPORE GASOIL CALENDAR         | MSG | 111                | 26                 | 326.9%  | 171                | -35.1%  | 791                  | 1,272                | -37.8%   |
| SINGAPORE GASOIL SWAP             | SG  | 100                | 0                  | 0.0%    | 960                | -89.6%  | 8,637                | 3,155                | 173.8%   |
| SINGAPORE GASOIL VS ICE           | GA  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 21                   | 3,936                | -99.5%   |
| SINGAPORE JET KERO GASOIL         | RK  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 3,725                | -100.0%  |
| SINGAPORE JET KEROSENE SW         | KS  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 405                  | -100.0%  |
| SINGAPORE MOGAS 92 UNLEADED BALMO | 1P  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 100                  | 810                  | -87.7%   |
| SINGAPORE MOGAS 92 UNLEADED SWP   | 1N  | 64                 | 0                  | 0.0%    | 300                | -78.7%  | 4,830                | 600                  | 705.0%   |
| TC2 ROTTERDAM TO USAC 37K         | TM  | 0                  | 12                 | -100.0% | 0                  | 0.0%    | 172                  | 450                  | -61.8%   |
| TC5 RAS TANURA TO YOKOHAM         | TH  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 243                  | -100.0%  |
| TD3 MEG TO JAPAN 250K MT          | TL  | 0                  | 120                | -100.0% | 0                  | 0.0%    | 0                    | 6,405                | -100.0%  |
| TEXAS EASTERN ZONE M-3 BA         | NX  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| UK NBP NAT GAS CAL MTH FUT        | UKG | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| ULSD UP-DOWN BALMO SWP            | 1L  | 8,700              | 4,510              | 92.9%   | 2,474              | 251.7%  | 67,318               | 65,989               | 2.0%     |
| UP DOWN GC ULSD VS NMX HO         | LT  | 37,643             | 20,476             | 83.8%   | 10,966             | 243.3%  | 321,089              | 284,703              | 12.8%    |
| WTI-BRENT BULLET SWAP             | BY  | 0                  | 0                  | -       | 111                | -100.0% | 111                  | 0                    | -        |
| WTI-BRENT CALENDAR SWAP           | BK  | 45,521             | 43,728             | 4.1%    | 54,998             | -17.2%  | 558,332              | 558,872              | -0.1%    |
| WTI CALENDAR                      | CS  | 89,735             | 43,810             | 104.8%  | 80,663             | 11.2%   | 737,294              | 668,310              | 10.3%    |
| WTI MIDLAND CRUDE OIL             | WTL | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 1,900                | 900                  | 111.1%   |
| WTS (ARGUS) VS WTI SWAP           | FF  | 2,100              | 216                | 872.2%  | 2,324              | -9.6%   | 34,306               | 27,838               | 23.2%    |
| WTS (ARGUS) VS WTI TRD MT         | FH  | 150                | 0                  | 0.0%    | 0                  | 0.0%    | 2,659                | 7,035                | -62.2%   |
| <b>Energy Options</b>             |     |                    |                    |         |                    |         |                      |                      |          |
| BRENT CALENDAR SWAP               | BA  | 550                | 0                  | 0.0%    | 0                  | 0.0%    | 2,710                | 3,272                | -17.2%   |
| BRENT CRUDE OIL 1 M CSO           | 9C  | 1,900              | 35,250             | -94.6%  | 4,600              | -58.7%  | 13,100               | 166,500              | -92.1%   |
| BRENT OIL LAST DAY                | BE  | 14,096             | 19,750             | -28.6%  | 14,347             | -1.7%   | 56,639               | 129,287              | -56.2%   |
| BRENT OIL LAST DAY                | BZO | 2,716              | 9,152              | -70.3%  | 2,438              | 11.4%   | 96,067               | 187,241              | -48.7%   |
| COAL API2 INDEX                   | F2C | 0                  | 20                 | -100.0% | 0                  | 0.0%    | 475                  | 410                  | 15.9%    |
| COAL API2 INDEX                   | F2Q | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 100                  | -100.0%  |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                             |      | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG  | VOLUME<br>OCT 2023 | % CHG    | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG   |
|---------------------------------------|------|--------------------|--------------------|--------|--------------------|----------|----------------------|----------------------|---------|
| <b>Energy Options</b>                 |      |                    |                    |        |                    |          |                      |                      |         |
| CRUDE OIL                             | 6Y   | 0                  | 0                  | 0.0%   | 0                  | -        | 0                    | 0                    | 0.0%    |
| CRUDE OIL 1MO                         | WA   | 80,125             | 57,425             | 39.5%  | 86,700             | -7.6%    | 779,000              | 636,578              | 22.4%   |
| CRUDE OIL APO                         | AO   | 72,845             | 9,004              | 709.0% | 25,533             | 185.3%   | 379,641              | 217,958              | 74.2%   |
| CRUDE OIL CALNDR STRIP                | 6F   | 0                  | 0                  | 0.0%   | 0                  | -        | 0                    | 0                    | 0.0%    |
| CRUDE OIL OUTRIGHTS                   | ECCL | 5,072              | 7,184              | -29.4% | 5,693              | -10.9%   | 69,888               | 12,785               | 446.6%  |
| CRUDE OIL PHY                         | LC   | 31,422             | 18,730             | 67.8%  | 17,647             | 78.1%    | 291,785              | 374,191              | -22.0%  |
| CRUDE OIL PHY                         | LO   | 3,285,063          | 2,742,193          | 19.8%  | 3,651,244          | -10.0%   | 28,581,034           | 27,222,977           | 5.0%    |
| CRUDE OIL PHY                         | LO1  | 111,901            | 55,554             | 101.4% | 75,445             | 48.3%    | 623,430              | 373,986              | 66.7%   |
| CRUDE OIL PHY                         | LO2  | 46,587             | 41,882             | 11.2%  | 46,345             | 0.5%     | 504,038              | 285,390              | 76.6%   |
| CRUDE OIL PHY                         | LO3  | 54,700             | 22,223             | 146.1% | 60,613             | -9.8%    | 404,692              | 195,046              | 107.5%  |
| CRUDE OIL PHY                         | LO4  | 50,926             | 48,547             | 4.9%   | 39,641             | 28.5%    | 512,707              | 380,268              | 34.8%   |
| CRUDE OIL PHY                         | LO5  | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 191,018              | 76,069               | 151.1%  |
| CRUDE OIL PHY                         | MCO  | 21,786             | 16,247             | 34.1%  | 18,074             | 20.5%    | 234,986              | 55,328               | 324.7%  |
| CRUDE OIL PHY                         | ML1  | 19,977             | 0                  | -      | 4,706              | 324.5%   | 49,071               | 0                    | -       |
| CRUDE OIL PHY                         | ML2  | 7,755              | 0                  | -      | 11,911             | -34.9%   | 38,268               | 0                    | -       |
| CRUDE OIL PHY                         | ML3  | 13,360             | 0                  | -      | 17,472             | -23.5%   | 54,711               | 0                    | -       |
| CRUDE OIL PHY                         | ML4  | 23,319             | 0                  | -      | 22,569             | 3.3%     | 67,440               | 0                    | -       |
| CRUDE OIL PHY                         | ML5  | 0                  | 0                  | -      | 17,280             | -100.0%  | 17,280               | 0                    | -       |
| CRUDE OIL PHY                         | MW1  | 2,661              | 2,161              | 23.1%  | 1,742              | 52.8%    | 20,969               | 7,531                | 178.4%  |
| CRUDE OIL PHY                         | MW2  | 1,753              | 2,540              | -31.0% | 1,476              | 18.8%    | 18,793               | 8,801                | 113.5%  |
| CRUDE OIL PHY                         | MW3  | 1,698              | 1,178              | 44.1%  | 1,057              | 60.6%    | 14,374               | 4,568                | 214.7%  |
| CRUDE OIL PHY                         | MW4  | 1,996              | 3,137              | -36.4% | 1,556              | 28.3%    | 22,878               | 10,609               | 115.6%  |
| CRUDE OIL PHY                         | MW5  | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 6,461                | 3,293                | 96.2%   |
| CRUDE OIL PHY                         | WL1  | 9,873              | 0                  | -      | 22,102             | -55.3%   | 50,743               | 0                    | -       |
| CRUDE OIL PHY                         | WL2  | 12,625             | 0                  | -      | 15,358             | -17.8%   | 49,319               | 0                    | -       |
| CRUDE OIL PHY                         | WL3  | 2,839              | 0                  | -      | 13,786             | -79.4%   | 39,578               | 0                    | -       |
| CRUDE OIL PHY                         | WL4  | 23,009             | 0                  | -      | 23,011             | 0.0%     | 68,737               | 0                    | -       |
| CRUDE OIL PHY                         | WL5  | 23,249             | 0                  | -      | 0                  | 0.0%     | 36,065               | 0                    | -       |
| ELEC FINSETTLED                       | PJN  | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| ETHANOL SWAP                          | CVR  | 1,946              | 1,911              | 1.8%   | 3,463              | -43.8%   | 29,599               | 30,680               | -3.5%   |
| ETHANOL SWAP                          | GVR  | 0                  | 0                  | 0.0%   | 0                  | -        | 0                    | 0                    | 0.0%    |
| FREIGHT MARKETS                       | FLO  | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 0                    | 30                   | -100.0% |
| HEATING OIL CRK SPD AVG PRICE OPTIONS | 3W   | 0                  | 0                  | 0.0%   | 0                  | 0.0%     | 0                    | 750                  | -100.0% |
| HEATING OIL PHY                       | FZ   | 0                  | 0                  | 0.0%   | 0                  | -        | 0                    | 0                    | 0.0%    |
| HEATING OIL PHY                       | LB   | 332                | 0                  | 0.0%   | 24                 | 1,283.3% | 540                  | 382                  | 41.4%   |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                           |      | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG   | VOLUME<br>OCT 2023 | % CHG   | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG   |
|-------------------------------------|------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| <b>Energy Options</b>               |      |                    |                    |         |                    |         |                      |                      |         |
| HEATING OIL PHY                     | OH   | 15,725             | 14,319             | 9.8%    | 16,284             | -3.4%   | 133,994              | 123,955              | 8.1%    |
| HENRY HUB FINANCIAL LAST            | E7   | 28,767             | 6,451              | 345.9%  | 42,575             | -32.4%  | 229,611              | 52,814               | 334.8%  |
| HENRY HUB FINANCIAL LAST            | ECNG | 1,739              | 4,308              | -59.6%  | 226                | 669.5%  | 21,431               | 10,358               | 106.9%  |
| HO 1 MONTH CLNDR OPTIONS            | FA   | 2,350              | 1,500              | 56.7%   | 3,500              | -32.9%  | 40,850               | 7,975                | 412.2%  |
| LLS CRUDE OIL                       | HTO  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 1,200                | -100.0% |
| LLS CRUDE OIL                       | WTO  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 3,000                | 4,500                | -33.3%  |
| MCCLOSKEY ARA ARG5 COAL             | MTO  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| NATURAL GAS                         | LN1  | 410                | 150                | 173.3%  | 816                | -49.8%  | 4,691                | 847                  | 453.8%  |
| NATURAL GAS                         | LN2  | 119                | 0                  | 0.0%    | 1,107              | -89.3%  | 1,870                | 1,502                | 24.5%   |
| NATURAL GAS                         | LN3  | 54                 | 0                  | 0.0%    | 194                | -72.2%  | 1,910                | 1,072                | 78.2%   |
| NATURAL GAS                         | LN4  | 13                 | 0                  | 0.0%    | 0                  | 0.0%    | 1,575                | 1,517                | 3.8%    |
| NATURAL GAS                         | LN5  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 15                   | 5                    | 200.0%  |
| NATURAL GAS 1 M CSO FIN             | G4   | 127,109            | 77,350             | 64.3%   | 119,850            | 6.1%    | 1,036,966            | 975,021              | 6.4%    |
| NATURAL GAS 2 M CSO FIN             | G2   | 1,000              | 0                  | 0.0%    | 0                  | 0.0%    | 2,250                | 14,100               | -84.0%  |
| NATURAL GAS 3 M CSO FIN             | G3   | 30,500             | 3,250              | 838.5%  | 3,000              | 916.7%  | 662,680              | 354,540              | 86.9%   |
| NATURAL GAS 5 M CSO FIN             | G5   | 2,000              | 2,000              | 0.0%    | 0                  | 0.0%    | 10,650               | 48,250               | -77.9%  |
| NATURAL GAS 6 M CSO FIN             | G6   | 1,000              | 12,375             | -91.9%  | 6,100              | -83.6%  | 72,350               | 103,275              | -29.9%  |
| NATURAL GAS OPT                     | JFO  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 450                  | -100.0% |
| NATURAL GAS OPT                     | JKO  | 0                  | 850                | -100.0% | 0                  | 0.0%    | 0                    | 6,450                | -100.0% |
| NATURAL GAS OPT                     | TFO  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 700                  | -100.0% |
| NATURAL GAS OPTION ON CALENDAR STRP | 6J   | 1,800              | 0                  | 0.0%    | 0                  | 0.0%    | 1,800                | 600                  | 200.0%  |
| NATURAL GAS PHY                     | KD   | 950                | 400                | 137.5%  | 1,150              | -17.4%  | 9,550                | 15,030               | -36.5%  |
| NATURAL GAS PHY                     | LN   | 3,426,723          | 1,877,430          | 82.5%   | 4,056,788          | -15.5%  | 31,085,139           | 21,849,328           | 42.3%   |
| NATURAL GAS PHY                     | ON   | 89,449             | 64,187             | 39.4%   | 126,509            | -29.3%  | 1,023,509            | 907,995              | 12.7%   |
| NATURAL GAS PHY                     | ON3  | 0                  | 0                  | -       | 1                  | -100.0% | 2                    | 0                    | -       |
| NATURAL GAS SUMMER STRIP            | 4D   | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |
| NY HARBOR HEAT OIL SWP              | AT   | 5,973              | 2,543              | 134.9%  | 1,918              | 211.4%  | 40,444               | 22,488               | 79.8%   |
| PETROCHEMICALS                      | 4H   | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 412                  | 3,314                | -87.6%  |
| PETROCHEMICALS                      | 4J   | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PETROCHEMICALS                      | 4K   | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETROCHEMICALS                      | CPR  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO OUTRIGHT EURO                 | BCO  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO OUTRIGHT NA                   | DAP  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 90                   | 375                  | -76.0%  |
| PJM WES HUB PEAK CAL MTH            | 6OA  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PJM WES HUB PEAK LMP 50MW           | PMA  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                |     | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG    | VOLUME<br>OCT 2023 | % CHG    | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG   |
|--------------------------|-----|--------------------|--------------------|----------|--------------------|----------|----------------------|----------------------|---------|
| <b>Energy Options</b>    |     |                    |                    |          |                    |          |                      |                      |         |
| RBOB 1MO CAL SPD OPTIONS | ZA  | 0                  | 250                | -100.0%  | 0                  | 0.0%     | 500                  | 3,600                | -86.1%  |
| RBOB CALENDAR SWAP       | RA  | 0                  | 20                 | -100.0%  | 0                  | 0.0%     | 60                   | 3,605                | -98.3%  |
| RBOB PHY                 | OB  | 833                | 2,114              | -60.6%   | 1,186              | -29.8%   | 31,472               | 41,498               | -24.2%  |
| RBOB PHY                 | RF  | 632                | 30                 | 2,006.7% | 18                 | 3,411.1% | 837                  | 1,540                | -45.6%  |
| SHORT TERM               | U11 | 0                  | 100                | -100.0%  | 50                 | -100.0%  | 50                   | 400                  | -87.5%  |
| SHORT TERM               | U12 | 0                  | 0                  | 0.0%     | 50                 | -100.0%  | 50                   | 550                  | -90.9%  |
| SHORT TERM               | U13 | 200                | 0                  | 0.0%     | 50                 | 300.0%   | 950                  | 100                  | 850.0%  |
| SHORT TERM               | U14 | 100                | 0                  | 0.0%     | 0                  | 0.0%     | 350                  | 500                  | -30.0%  |
| SHORT TERM               | U15 | 100                | 0                  | 0.0%     | 0                  | 0.0%     | 100                  | 50                   | 100.0%  |
| SHORT TERM               | U22 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 350                  | -100.0% |
| SHORT TERM               | U23 | 0                  | 0                  | -        | 50                 | -100.0%  | 100                  | 0                    | -       |
| SHORT TERM               | U24 | 0                  | 0                  | 0.0%     | 100                | -100.0%  | 100                  | 100                  | 0.0%    |
| SHORT TERM               | U25 | 0                  | 0                  | 0.0%     | 100                | -100.0%  | 100                  | 400                  | -75.0%  |
| SHORT TERM               | U26 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 200                  | -100.0% |
| SHORT TERM NATURAL GAS   | U01 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 500                  | 250                  | 100.0%  |
| SHORT TERM NATURAL GAS   | U02 | 250                | 0                  | 0.0%     | 0                  | 0.0%     | 400                  | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U03 | 200                | 0                  | 0.0%     | 0                  | 0.0%     | 4,350                | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U04 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 300                  | 950                  | -68.4%  |
| SHORT TERM NATURAL GAS   | U05 | 0                  | 0                  | 0.0%     | 200                | -100.0%  | 1,200                | 500                  | 140.0%  |
| SHORT TERM NATURAL GAS   | U06 | 600                | 0                  | 0.0%     | 0                  | 0.0%     | 750                  | 550                  | 36.4%   |
| SHORT TERM NATURAL GAS   | U07 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 925                  | -100.0% |
| SHORT TERM NATURAL GAS   | U08 | 50                 | 0                  | 0.0%     | 0                  | 0.0%     | 650                  | 200                  | 225.0%  |
| SHORT TERM NATURAL GAS   | U09 | 150                | 0                  | 0.0%     | 0                  | 0.0%     | 150                  | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U10 | 100                | 500                | -80.0%   | 50                 | 100.0%   | 550                  | 700                  | -21.4%  |
| SHORT TERM NATURAL GAS   | U16 | 300                | 0                  | 0.0%     | 0                  | 0.0%     | 400                  | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U17 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 50                   | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U18 | 0                  | 0                  | 0.0%     | 50                 | -100.0%  | 50                   | 350                  | -85.7%  |
| SHORT TERM NATURAL GAS   | U19 | 0                  | 0                  | 0.0%     | 100                | -100.0%  | 400                  | 600                  | -33.3%  |
| SHORT TERM NATURAL GAS   | U20 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 350                  | 250                  | 40.0%   |
| SHORT TERM NATURAL GAS   | U21 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 450                  | 950                  | -52.6%  |
| SHORT TERM NATURAL GAS   | U27 | 0                  | 0                  | 0.0%     | 0                  | -        | 0                    | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U28 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 100                  | 350                  | -71.4%  |
| SHORT TERM NATURAL GAS   | U29 | 0                  | 150                | -100.0%  | 0                  | 0.0%     | 0                    | 150                  | -100.0% |
| SHORT TERM NATURAL GAS   | U30 | 300                | 0                  | 0.0%     | 0                  | 0.0%     | 650                  | 100                  | 550.0%  |
| SHORT TERM NATURAL GAS   | U31 | 0                  | 0                  | 0.0%     | 100                | -100.0%  | 1,800                | 200                  | 800.0%  |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                     |     | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG   | VOLUME<br>OCT 2023 | % CHG   | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG  |
|-------------------------------|-----|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|--------|
| <b>Energy Options</b>         |     |                    |                    |         |                    |         |                      |                      |        |
| WTI-BRENT BULLET SWAP         | BV  | 16,075             | 12,400             | 29.6%   | 32,200             | -50.1%  | 284,342              | 375,995              | -24.4% |
| WTI CRUDE OIL 1 M CSO FI      | 7A  | 103,000            | 74,350             | 38.5%   | 108,875            | -5.4%   | 925,320              | 630,350              | 46.8%  |
| <b>Metals Futures</b>         |     |                    |                    |         |                    |         |                      |                      |        |
| COMEX GOLD                    | GC  | 5,284,103          | 5,419,185          | -2.5%   | 4,989,427          | 5.9%    | 52,713,255           | 51,006,861           | 3.3%   |
| NYMEX HOT ROLLED STEEL        | HR  | 27,132             | 18,556             | 46.2%   | 32,628             | -16.8%  | 307,951              | 241,016              | 27.8%  |
| NYMEX PLATINUM                | PL  | 568,411            | 433,587            | 31.1%   | 501,396            | 13.4%   | 5,479,587            | 4,635,183            | 18.2%  |
| PALLADIUM                     | PA  | 161,316            | 77,831             | 107.3%  | 82,202             | 96.2%   | 843,237              | 528,118              | 59.7%  |
| URANIUM                       | UX  | 0                  | 0                  | 0.0%    | 1                  | -100.0% | 5                    | 24                   | -79.2% |
| COMEX SILVER                  | SI  | 1,787,659          | 1,849,022          | -3.3%   | 1,438,957          | 24.2%   | 16,872,319           | 15,952,951           | 5.8%   |
| COMEX E-Mini GOLD             | QO  | 23,010             | 48,013             | -52.1%  | 24,868             | -7.5%   | 340,231              | 368,046              | -7.6%  |
| COMEX E-Mini SILVER           | QI  | 7,064              | 4,568              | 54.6%   | 7,088              | -0.3%   | 65,900               | 42,932               | 53.5%  |
| COMEX COPPER                  | HG  | 2,649,060          | 2,498,607          | 6.0%    | 2,004,163          | 32.2%   | 23,870,712           | 20,253,078           | 17.9%  |
| COMEX MINY COPPER             | QC  | 5,781              | 4,581              | 26.2%   | 5,798              | -0.3%   | 61,534               | 39,534               | 55.6%  |
| ALUMINUM                      | A38 | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%   |
| ALUMINUM                      | AEP | 1,068              | 3,687              | -71.0%  | 130                | 721.5%  | 18,496               | 21,169               | -12.6% |
| ALUMINUM                      | ALA | 0                  | 45                 | -100.0% | 0                  | 0.0%    | 240                  | 1,970                | -87.8% |
| ALUMINUM                      | ALI | 161,380            | 44,688             | 261.1%  | 129,151            | 25.0%   | 1,032,966            | 365,883              | 182.3% |
| ALUMINUM                      | AUP | 7,574              | 7,524              | 0.7%    | 10,013             | -24.4%  | 74,123               | 78,743               | -5.9%  |
| ALUMINUM                      | EDP | 7,358              | 4,292              | 71.4%   | 6,626              | 11.0%   | 51,054               | 56,374               | -9.4%  |
| ALUMINUM                      | MJP | 0                  | 100                | -100.0% | 0                  | 0.0%    | 770                  | 3,200                | -75.9% |
| COBALT METAL FUTURES          | COB | 3,635              | 2,987              | 21.7%   | 849                | 328.2%  | 27,166               | 13,990               | 94.2%  |
| COPPER                        | HGS | 2,884              | 1,633              | 76.6%   | 527                | 447.2%  | 16,571               | 17,931               | -7.6%  |
| COPPER                        | MHG | 93,288             | 91,994             | 1.4%    | 92,028             | 1.4%    | 1,142,580            | 509,134              | 124.4% |
| FERROUS PRODUCTS              | BUS | 3,123              | 4,524              | -31.0%  | 1,938              | 61.1%   | 14,423               | 30,583               | -52.8% |
| FERROUS PRODUCTS              | FSF | 49                 | 0                  | -       | 102                | -52.0%  | 319                  | 0                    | -      |
| GOLD                          | 4GC | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%   |
| GOLD                          | SGC | 1,889              | 243                | 677.4%  | 544                | 247.2%  | 4,431                | 7,886                | -43.8% |
| GOLD                          | SGU | 4,871              | 550                | 785.6%  | 808                | 502.8%  | 7,843                | 53,439               | -85.3% |
| HOT ROLLED COIL STEEL FUTURES | EHR | 4,984              | 5,102              | -2.3%   | 5,423              | -8.1%   | 56,063               | 40,767               | 37.5%  |
| IRON ORE CHINA                | TIO | 212                | 752                | -71.8%  | 212                | 0.0%    | 3,069                | 14,165               | -78.3% |
| LITHIUM CARBONATE FUTURES     | LTC | 0                  | 0                  | -       | 0                  | 0.0%    | 8                    | 0                    | -      |
| METALS                        | HDG | 0                  | 15                 | -100.0% | 10                 | -100.0% | 1,441                | 667                  | 116.0% |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                |      | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG    | VOLUME<br>OCT 2023 | % CHG   | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG     |
|--------------------------|------|--------------------|--------------------|----------|--------------------|---------|----------------------|----------------------|-----------|
| <b>Metals Futures</b>    |      |                    |                    |          |                    |         |                      |                      |           |
| METALS                   | LTH  | 3,663              | 91                 | 3,925.3% | 3,411              | 7.4%    | 16,793               | 149                  | 11,170.5% |
| METALS                   | PAC  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 500                  | 1,300                | -61.5%    |
| MICRO GOLD               | MGC  | 1,217,754          | 1,020,946          | 19.3%    | 1,455,202          | -16.3%  | 15,020,067           | 11,701,858           | 28.4%     |
| MOLYBDENUM OXIDE FUTURES | MOX  | 164                | 0                  | -        | 166                | -1.2%   | 1,306                | 0                    | -         |
| SILVER                   | SIL  | 241,586            | 199,205            | 21.3%    | 276,251            | -12.5%  | 2,480,653            | 1,819,846            | 36.3%     |
| <b>Metals Options</b>    |      |                    |                    |          |                    |         |                      |                      |           |
| ALUMINUM                 | ALO  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%      |
| ALUMINUM                 | AX   | 727                | 482                | 50.8%    | 1,692              | -57.0%  | 12,962               | 1,237                | 947.9%    |
| COMEX COPPER             | HX   | 79,569             | 126,171            | -36.9%   | 101,377            | -21.5%  | 1,303,356            | 966,469              | 34.9%     |
| COMEX GOLD               | ECGC | 3,098              | 5,944              | -47.9%   | 4,361              | -29.0%  | 62,158               | 10,604               | 486.2%    |
| COMEX GOLD               | OG   | 1,055,064          | 799,672            | 31.9%    | 1,522,477          | -30.7%  | 11,241,243           | 9,264,189            | 21.3%     |
| COMEX SILVER             | ECSI | 728                | 2,349              | -69.0%   | 135                | 439.3%  | 33,821               | 7,812                | 332.9%    |
| COMEX SILVER             | SO   | 157,527            | 178,438            | -11.7%   | 167,359            | -5.9%   | 1,713,516            | 1,308,539            | 30.9%     |
| COPPER                   | ECHG | 360                | 1,811              | -80.1%   | 332                | 8.4%    | 27,402               | 5,235                | 423.4%    |
| COPPER                   | H1E  | 1,218              | 494                | 146.6%   | 3,631              | -66.5%  | 12,674               | 2,551                | 396.8%    |
| COPPER                   | H1M  | 201                | 564                | -64.4%   | 60                 | 235.0%  | 2,828                | 1,584                | 78.5%     |
| COPPER                   | H1W  | 2,815              | 90                 | 3,027.8% | 6,384              | -55.9%  | 20,129               | 1,331                | 1,412.3%  |
| COPPER                   | H2E  | 1,282              | 700                | 83.1%    | 691                | 85.5%   | 9,141                | 3,122                | 192.8%    |
| COPPER                   | H2M  | 331                | 232                | 42.7%    | 729                | -54.6%  | 4,214                | 955                  | 341.3%    |
| COPPER                   | H2W  | 603                | 209                | 188.5%   | 1,704              | -64.6%  | 5,782                | 708                  | 716.7%    |
| COPPER                   | H3E  | 888                | 366                | 142.6%   | 281                | 216.0%  | 7,461                | 2,489                | 199.8%    |
| COPPER                   | H3M  | 533                | 46                 | 1,058.7% | 217                | 145.6%  | 2,896                | 797                  | 263.4%    |
| COPPER                   | H3W  | 422                | 52                 | 711.5%   | 398                | 6.0%    | 3,654                | 423                  | 763.8%    |
| COPPER                   | H4E  | 215                | 372                | -42.2%   | 400                | -46.3%  | 4,436                | 2,867                | 54.7%     |
| COPPER                   | H4M  | 0                  | 79                 | -100.0%  | 135                | -100.0% | 2,017                | 482                  | 318.5%    |
| COPPER                   | H4W  | 779                | 46                 | 1,593.5% | 524                | 48.7%   | 2,753                | 645                  | 326.8%    |
| COPPER                   | H5E  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 1,357                | 710                  | 91.1%     |
| COPPER                   | H5M  | 0                  | 0                  | 0.0%     | 257                | -100.0% | 877                  | 360                  | 143.6%    |
| COPPER                   | H5W  | 84                 | 253                | -66.8%   | 0                  | 0.0%    | 1,933                | 966                  | 100.1%    |
| GOLD                     | 1FG  | 48                 | 0                  | -        | 15                 | 220.0%  | 63                   | 0                    | -         |
| GOLD                     | 1MG  | 34                 | 0                  | -        | 0                  | -       | 34                   | 0                    | -         |
| GOLD                     | 1WG  | 17                 | 0                  | -        | 6                  | 183.3%  | 23                   | 0                    | -         |
| GOLD                     | 2FG  | 64                 | 0                  | -        | 0                  | -       | 64                   | 0                    | -         |
| GOLD                     | 2MG  | 69                 | 0                  | -        | 0                  | -       | 69                   | 0                    | -         |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity              |     | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG     | VOLUME<br>OCT 2023 | % CHG     | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG    |
|------------------------|-----|--------------------|--------------------|-----------|--------------------|-----------|----------------------|----------------------|----------|
| <b>Metals Options</b>  |     |                    |                    |           |                    |           |                      |                      |          |
| GOLD                   | 2WG | 226                | 0                  | -         | 2                  | 11,200.0% | 228                  | 0                    | -        |
| GOLD                   | 3FG | 66                 | 0                  | -         | 7                  | 842.9%    | 73                   | 0                    | -        |
| GOLD                   | 3MG | 194                | 0                  | -         | 0                  | -         | 194                  | 0                    | -        |
| GOLD                   | 3WG | 27                 | 0                  | -         | 10                 | 170.0%    | 37                   | 0                    | -        |
| GOLD                   | 4FG | 59                 | 0                  | -         | 4                  | 1,375.0%  | 63                   | 0                    | -        |
| GOLD                   | 4MG | 0                  | 0                  | -         | 4                  | -100.0%   | 4                    | 0                    | -        |
| GOLD                   | 4WG | 63                 | 0                  | -         | 1                  | 6,200.0%  | 64                   | 0                    | -        |
| GOLD                   | 5MG | 0                  | 0                  | -         | 2                  | -100.0%   | 2                    | 0                    | -        |
| GOLD                   | 5WG | 38                 | 0                  | -         | 0                  | -         | 38                   | 0                    | -        |
| GOLD                   | G1M | 17,756             | 6,740              | 163.4%    | 8,818              | 101.4%    | 125,454              | 32,253               | 289.0%   |
| GOLD                   | G1W | 9,183              | 4,399              | 108.8%    | 23,459             | -60.9%    | 134,442              | 50,547               | 166.0%   |
| GOLD                   | G2M | 15,556             | 8,884              | 75.1%     | 12,974             | 19.9%     | 125,789              | 42,716               | 194.5%   |
| GOLD                   | G2W | 10,551             | 8,401              | 25.6%     | 16,419             | -35.7%    | 129,013              | 43,926               | 193.7%   |
| GOLD                   | G3M | 21,270             | 4,959              | 328.9%    | 20,108             | 5.8%      | 108,120              | 29,247               | 269.7%   |
| GOLD                   | G3W | 12,954             | 10,702             | 21.0%     | 15,739             | -17.7%    | 124,302              | 50,424               | 146.5%   |
| GOLD                   | G4M | 0                  | 4,719              | -100.0%   | 19,187             | -100.0%   | 80,609               | 23,245               | 246.8%   |
| GOLD                   | G4W | 17,755             | 4,489              | 295.5%    | 15,204             | 16.8%     | 106,824              | 27,159               | 293.3%   |
| GOLD                   | G5M | 0                  | 0                  | 0.0%      | 19,963             | -100.0%   | 34,529               | 8,464                | 308.0%   |
| GOLD                   | G5W | 20,201             | 8,936              | 126.1%    | 0                  | 0.0%      | 47,379               | 22,942               | 106.5%   |
| GOLD                   | OG1 | 50,996             | 55,968             | -8.9%     | 65,137             | -21.7%    | 526,185              | 510,828              | 3.0%     |
| GOLD                   | OG2 | 51,173             | 54,569             | -6.2%     | 60,669             | -15.7%    | 550,057              | 502,513              | 9.5%     |
| GOLD                   | OG3 | 56,254             | 36,871             | 52.6%     | 56,641             | -0.7%     | 539,157              | 506,285              | 6.5%     |
| GOLD                   | OG4 | 31,636             | 18,861             | 67.7%     | 30,178             | 4.8%      | 361,162              | 407,681              | -11.4%   |
| GOLD                   | OG5 | 0                  | 0                  | 0.0%      | 0                  | 0.0%      | 142,721              | 117,605              | 21.4%    |
| GOLD                   | OMG | 367                | 0                  | -         | 56                 | 555.4%    | 423                  | 0                    | -        |
| IRON ORE CHINA         | ICT | 0                  | 0                  | 0.0%      | 360                | -100.0%   | 360                  | 300                  | 20.0%    |
| NYMEX HOT ROLLED STEEL | HRO | 2,894              | 2,025              | 42.9%     | 5,736              | -49.5%    | 29,960               | 18,065               | 65.8%    |
| NYMEX PLATINUM         | PO  | 13,533             | 2,982              | 353.8%    | 7,168              | 88.8%     | 164,569              | 51,484               | 219.7%   |
| PALLADIUM              | PAO | 1,157              | 3                  | 38,466.7% | 650                | 78.0%     | 9,101                | 138                  | 6,494.9% |
| SILVER                 | M1S | 3,053              | 4,949              | -38.3%    | 1,861              | 64.1%     | 17,411               | 6,156                | 182.8%   |
| SILVER                 | M2S | 2,328              | 936                | 148.7%    | 1,825              | 27.6%     | 20,895               | 4,391                | 375.9%   |
| SILVER                 | M3S | 2,312              | 156                | 1,382.1%  | 1,998              | 15.7%     | 14,277               | 1,936                | 637.4%   |
| SILVER                 | M4S | 0                  | 508                | -100.0%   | 1,498              | -100.0%   | 8,358                | 2,495                | 235.0%   |
| SILVER                 | M5S | 0                  | 0                  | 0.0%      | 1,633              | -100.0%   | 3,922                | 544                  | 621.0%   |
| SILVER                 | SO1 | 7,793              | 16,642             | -53.2%    | 11,113             | -29.9%    | 83,430               | 63,471               | 31.4%    |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                  | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG        | VOLUME<br>OCT 2023 | % CHG         | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG        |
|----------------------------|--------------------|--------------------|--------------|--------------------|---------------|----------------------|----------------------|--------------|
| <b>Metals Options</b>      |                    |                    |              |                    |               |                      |                      |              |
| SILVER SO2                 | 6,687              | 10,091             | -33.7%       | 10,939             | -38.9%        | 89,607               | 60,293               | 48.6%        |
| SILVER SO3                 | 5,769              | 7,635              | -24.4%       | 9,402              | -38.6%        | 73,128               | 50,251               | 45.5%        |
| SILVER SO4                 | 4,363              | 2,882              | 51.4%        | 3,956              | 10.3%         | 50,984               | 37,425               | 36.2%        |
| SILVER SO5                 | 0                  | 0                  | 0.0%         | 0                  | 0.0%          | 19,976               | 9,229                | 116.4%       |
| SILVER W1S                 | 1,686              | 416                | 305.3%       | 3,279              | -48.6%        | 24,256               | 3,600                | 573.8%       |
| SILVER W2S                 | 1,621              | 1,921              | -15.6%       | 4,134              | -60.8%        | 19,855               | 4,397                | 351.6%       |
| SILVER W3S                 | 2,005              | 589                | 240.4%       | 1,788              | 12.1%         | 18,688               | 2,625                | 611.9%       |
| SILVER W4S                 | 2,050              | 260                | 688.5%       | 1,656              | 23.8%         | 11,935               | 920                  | 1,197.3%     |
| SILVER W5S                 | 2,280              | 712                | 220.2%       | 0                  | 0.0%          | 6,675                | 1,468                | 354.7%       |
| <b>TOTAL FUTURES GROUP</b> |                    |                    |              |                    |               |                      |                      |              |
| Ag Products Futures        | 0                  | 0                  | 0.0%         | 0                  | -             | 0                    | 0                    | 0.0%         |
| Energy Futures             | 37,466,533         | 34,793,519         | 7.7%         | 41,662,456         | -10.1%        | 419,904,902          | 414,870,809          | 1.2%         |
| Metals Futures             | 12,269,018         | 11,742,328         | 4.5%         | 11,069,919         | 10.8%         | 120,525,613          | 107,806,797          | 11.8%        |
| <b>TOTAL FUTURES</b>       | <b>49,735,551</b>  | <b>46,535,847</b>  | <b>6.9%</b>  | <b>52,732,375</b>  | <b>-5.7%</b>  | <b>540,430,515</b>   | <b>522,677,606</b>   | <b>3.4%</b>  |
| <b>TOTAL OPTIONS GROUP</b> |                    |                    |              |                    |               |                      |                      |              |
| Energy Options             | 7,784,652          | 5,251,115          | 48.2%        | 8,729,030          | -10.8%        | 68,968,256           | 55,957,954           | 23.3%        |
| Metals Options             | 1,682,532          | 1,399,575          | 20.2%        | 2,246,743          | -25.1%        | 18,281,119           | 14,279,098           | 28.0%        |
| <b>TOTAL OPTIONS</b>       | <b>9,467,184</b>   | <b>6,650,690</b>   | <b>42.3%</b> | <b>10,975,773</b>  | <b>-13.7%</b> | <b>87,249,375</b>    | <b>70,237,052</b>    | <b>24.2%</b> |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity             | VOLUME<br>NOV 2023 | VOLUME<br>NOV 2022 | % CHG        | VOIUME<br>OCT 2023 | % CHG        | VOLUME<br>Y.T.D 2023 | VOLUME<br>Y.T.D 2022 | % CHG       |
|-----------------------|--------------------|--------------------|--------------|--------------------|--------------|----------------------|----------------------|-------------|
| <b>TOTAL COMBINED</b> |                    |                    |              |                    |              |                      |                      |             |
| Ag Products           | 0                  | 0                  | 0.0%         | 0                  |              | 0                    | 0                    | -           |
| Energy                | 45,251,185         | 40,044,634         | 13.0%        | 50,391,486         | -10.2%       | 488,873,158          | 470,828,763          | 3.8%        |
| Metals                | 13,951,550         | 13,141,903         | 6.2%         | 13,316,662         | 4.8%         | 138,806,732          | 122,085,895          | 13.7%       |
| <b>GRAND TOTAL</b>    | <b>59,202,735</b>  | <b>53,186,537</b>  | <b>11.3%</b> | <b>63,708,148</b>  | <b>-7.1%</b> | <b>627,679,890</b>   | <b>592,914,658</b>   | <b>5.9%</b> |