

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator        | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG      | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG   | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG       | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG     |         |
|----------------------------|----------------------|----------------------|-------|---------------|---------------|------------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|-------------|--------------------------|--------------------------|-----------|---------|
| <b>Ag Products Futures</b> |                      |                      |       |               |               |            |                        |                        |         |                        |                        |       |                 |                 |             |                          |                          |           |         |
| COCOA TAS                  | CJ                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 8               | -100.0%     | 0                        | 0                        | 0.0%      |         |
| COFFEE                     | KT                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 2               | 2               | 0.0%        | 0                        | 0                        | 0.0%      |         |
| COTTON                     | TT                   | 0                    | 0     | 0.0%          | 2             | 1          | 1                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 59              | 39              | 51.3%       | 0                        | 0                        | 0.0%      |         |
| SUGAR 11                   | YO                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 10              | 10              | 0.0%        | 0                        | 0                        | 0.0%      |         |
| <b>Energy Futures</b>      |                      |                      |       |               |               |            |                        |                        |         |                        |                        |       |                 |                 |             |                          |                          |           |         |
| CRUDE OIL PHY              | CL                   | 0                    | 0     | 0.0%          | 15,061,075    | 18,942,064 | -0.2                   | 373,074                | 385,141 | -3.1%                  | 0                      | 0     | 0.0%            | 268,175,129     | 285,761,987 | -6.2%                    | 6,005,223                | 5,703,333 | 5.3%    |
| CRUDE OIL                  | WS                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 250     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 31,422                   | 16,944    | 85.4%   |
| MINY WTI CRUDE OIL         | QM                   | 0                    | 0     | 0.0%          | 279,470       | 309,495    | -0.1                   | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 6,834,996       | 5,470,936   | 24.9%                    | 0                        | 0         | 0.0%    |
| BRENT OIL LAST DAY         | BZ                   | 0                    | 0     | 0.0%          | 1,492,426     | 1,757,985  | -0.15                  | 13,945                 | 23,092  | -39.6%                 | 0                      | 0     | 0.0%            | 25,575,616      | 25,107,509  | 1.9%                     | 403,462                  | 509,416   | -20.8%  |
| HEATING OIL PHY            | HO                   | 0                    | 0     | 0.0%          | 2,833,776     | 3,536,161  | -0.2                   | 142,155                | 180,540 | -21.3%                 | 0                      | 0     | 0.0%            | 41,682,189      | 40,452,276  | 3.0%                     | 2,320,995                | 2,948,533 | -21.3%  |
| HTG OIL                    | BH                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 108                      | 96        | 12.5%   |
| MINY HTG OIL               | QH                   | 0                    | 0     | 0.0%          | 6             | 2          | 2                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 61              | 38          | 60.5%                    | 0                        | 0         | 0.0%    |
| RBOB PHY                   | RB                   | 0                    | 0     | 0.0%          | 3,300,079     | 3,284,092  | 0                      | 138,502                | 153,727 | -9.9%                  | 0                      | 0     | 0.0%            | 44,465,723      | 47,066,537  | -5.5%                    | 2,026,765                | 2,785,270 | -27.2%  |
| MINY RBOB GAS              | QU                   | 0                    | 0     | 0.0%          | 7             | 4          | 0.75                   | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 85              | 73          | 16.4%                    | 0                        | 0         | 0.0%    |
| NATURAL GAS                | HP                   | 0                    | 0     | 0.0%          | 36,220        | 39,141     | -0.07                  | 92,796                 | 75,620  | 22.7%                  | 0                      | 0     | 0.0%            | 571,943         | 463,150     | 23.5%                    | 1,278,961                | 897,096   | 42.6%   |
| LTD NAT GAS                | HH                   | 0                    | 0     | 0.0%          | 226,746       | 136,721    | 0.66                   | 99,177                 | 112,228 | -11.6%                 | 0                      | 0     | 0.0%            | 2,244,653       | 1,849,674   | 21.4%                    | 1,055,240                | 1,711,932 | -38.4%  |
| MINY NATURAL GAS           | QG                   | 0                    | 0     | 0.0%          | 197,755       | 53,544     | 2.69                   | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 1,612,231       | 439,093     | 267.2%                   | 0                        | 0         | 0.0%    |
| PJM MONTHLY                | JM                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 0                        | 0         | 0.0%    |
| NATURAL GAS PHY            | NG                   | 0                    | 0     | 0.0%          | 9,332,504     | 9,072,398  | 0.03                   | 122,347                | 264,928 | -53.8%                 | 0                      | 0     | 0.0%            | 118,649,105     | 100,257,958 | 18.3%                    | 2,150,404                | 3,136,546 | -31.4%  |
| RBOB GAS                   | RT                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 84                       | 84        | 0.0%    |
| 3.5% FUEL OIL CID MED SWA  | 7D                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 20                       | 97        | -79.4%  |
| 3.5% FUEL OIL CIF BALMO S  | 8D                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 0                        | 20        | -100.0% |
| AEP-DAYTON HUB DAILY       | VD                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 0                        | 0         | 0.0%    |
| AEP-DAYTON HUB MTHLY       | VM                   | -                    | 0     | 0.0%          | -             | 0          | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | -                        | 0         | 0.0%    |
| AEP-DAYTON HUB OFF-PEAK M  | VP                   | -                    | 0     | 0.0%          | -             | 0          | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | -                        | 0         | 0.0%    |
| ALGONQUIN CITYGATES BASIS  | B4                   | -                    | 0     | 0.0%          | -             | 0          | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | -                        | 0         | 0.0%    |
| ANR OKLAHOMA               | NE                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 0                        | 0         | 0.0%    |
| ARGUS LLS VS. WTI (ARG) T  | E5                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 2,030                  | 4,125   | -50.8%                 | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 72,825                   | 91,454    | -20.4%  |
| ARGUS PROPAN FAR EST INDE  | 7E                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 4,990                  | 3,937   | 26.7%                  | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 62,349                   | 71,392    | -12.7%  |
| ARGUS PROPAN(SAUDI ARAMC   | 9N                   | 0                    | 0     | 0.0%          | 0             | 0          | 0                      | 1,863                  | 3,229   | -42.3%                 | 0                      | 0     | 0.0%            | 0               | 0           | 0.0%                     | 27,087                   | 35,928    | -24.6%  |

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|---------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|--------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|-----------|---------|
| <b>Energy Futures</b>     |                      |                      |       |               |               |       |                        |                        |        |                        |                        |       |                 |                 |       |                          |                          |           |         |
| AUSTRIALIAN COKE COAL     | ACT                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0         | 0.0%    |
| AUSTRIALIAN COKE COAL     | ALW                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0         | 0.0%    |
| BRENT BALMO SWAP          | J9                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 200                    | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,706                    | 1,960     | -13.0%  |
| BRENT CALENDAR SWAP       | CY                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 6,223                  | 3,800  | 63.8%                  | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 82,520                   | 85,595    | -3.6%   |
| BRENT CFD SWAP            | 6W                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0         | 0.0%    |
| BRENT FINANCIAL FUTURES   | BB                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,200                    | 7,000     | -68.6%  |
| BRENT FINANCIAL FUTURES   | MBC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 185                      | 1,539     | -88.0%  |
| BRENT FINANCIAL FUTURES   | MDB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 260                      | 0         | 0.0%    |
| BRENT OIL LAST DAY        | BZL                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 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%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0         | 0.0%    |
| CANADIAN LIGHT SWEET OIL  | CIL                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0         | 0.0%    |
| CENTERPOINT BASIS SWAP    | PW                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0         | 0.0%    |
| CHICAGO ETHANOL SWAP      | CU                   | 0                    | 0     | 0.0%          | 432           | 1     | 431                    | 58,542                 | 60,813 | -3.7%                  | 0                      | 0     | 0.0%            | 814             | 510   | 59.6%                    | 873,820                  | 1,167,644 | -25.2%  |
| CHICAGO ULSD PL VS HO SPR | 5C                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 160                    | 665    | -75.9%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 7,307                    | 6,681     | 9.4%    |
| CHICAGO UNL GAS PL VS RBO | 3C                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 625                    | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,740                    | 1,370     | 100.0%  |
| CIG BASIS                 | CI                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0         | 0.0%    |
| CINERGY HUB OFF-PEAK MON  | EJ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0         | 0.0%    |
| CINERGY HUB PEAK MONTH    | EM                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0         | 0.0%    |
| CIN HUB 5MW D AH O PK     | K2                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0         | 0.0%    |
| CIN HUB 5MW D AH PK       | H5                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 440    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,346                    | 5,312     | -74.7%  |
| CIN HUB 5MW REAL TIME O P | H4                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 3,920     | -100.0% |
| CIN HUB 5MW REAL TIME PK  | H3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 325       | -100.0% |
| COAL SWAP                 | ACM                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0         | 0.0%    |
| COLUMB GULF MAINLINE NG B | 5Z                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 364       | -100.0% |
| CONWAY NATURAL GASOLINE   | 8L                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 232                    | 664    | -65.1%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,932                    | 3,248     | -9.7%   |
| CONWAY NORMAL BUTANE (O   | 8M                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 375                    | 157    | 138.9%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 4,774                    | 5,574     | -14.4%  |
| CONWAY PROPANE 5 DECIMAL  | 8K                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 9,145                  | 10,373 | -11.8%                 | 0                      | 0     | 0.0%            | 120             | 144   | -16.7%                   | 182,813                  | 171,142   | 6.8%    |
| CRUDE OIL                 | LPS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 4,295                    | 33,110    | -87.0%  |
| CRUDE OIL LAST DAY        | 26                   | 0                    | -     | -             | 0             | -     | -                      | 43                     | -      | -                      | 0                      | -     | -               | 0               | -     | -                        | 979                      | -         | -       |
| CRUDE OIL OUTRIGHTS       | 42                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 455                    | 260    | 75.0%                  | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 13,331                   | 4,510     | 195.6%  |
| CRUDE OIL OUTRIGHTS       | CC5                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 412                    | 111    | 271.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 6,186                    | 4,892     | 26.5%   |
| CRUDE OIL OUTRIGHTS       | CPD                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0         | 0.0%    |
| CRUDE OIL OUTRIGHTS       | CSW                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 50    | -100.0%                  | 4,274                    | 3,228     | 32.4%   |
| CRUDE OIL OUTRIGHTS       | DAB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 540    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 340                      | 540       | -37.0%  |

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|----------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|--------|--------------------------|--------------------------|----------|
| <b>Energy Futures</b>      |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |        |                          |                          |          |
| CRUDE OIL OUTRIGHTS        | DBL                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 730                      | -100.0%  |
| CRUDE OIL OUTRIGHTS        | GSW                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 2,720                    | 296                      | 818.9%   |
| CRUDE OIL OUTRIGHTS        | HTT                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 67,411                 | -10.4%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 871,639                  | 716,767                  | 21.6%    |
| CRUDE OIL OUTRIGHTS        | LSW                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 435                    | 690.9%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 9,922                    | 4,543                    | 118.4%   |
| CRUDE OIL OUTRIGHTS        | SSW                  | -                    | 0     | 0.0%          | -             | 0     | -                      | -                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%     |
| CRUDE OIL OUTRIGHTS        | UMD                  | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%     |
| CRUDE OIL OUTRIGHTS        | UNS                  | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%     |
| CRUDE OIL OUTRIGHTS        | WCC                  | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%     |
| CRUDE OIL OUTRIGHTS        | WCW                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,780                  | 35.4%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 29,050                   | 43,525                   | -33.3%   |
| CRUDE OIL PHY              | CLL                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| CRUDE OIL PHY              | HCL                  | 0                    | 0     | 0.0%          | 4,234         | 7,107 | -0.4                   | 0                      | -100.0% | 0                      | 0                      | 0.0%  | 44,090          | 133,963         | -67.1% | 662                      | 49,211                   | -98.7%   |
| CRUDE OIL SPRDS            | 38                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 150                      | -100.0%  |
| CRUDE OIL SPRDS            | ANT                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 1,330                    | 180                      | 638.9%   |
| CRUDE OIL SPRDS            | HIL                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,260                  | 110.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 48,827                   | 1,500                    | 3,155.1% |
| CRUDE OIL SPRDS            | WTT                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 26,809                 | 77.4%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 259,172                  | 243,696                  | 6.4%     |
| CRUDE OIL TRADE AT MARKER  | CLS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 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                      | 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                      | 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                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | PAP                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | PEO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | PNO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | PNP                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | PWO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | PWP                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | WOR                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | ZAO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | ZGO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DAILY PJM                  | ZJO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DATED BRENT (PLATTS) DAILY | 7G                   | 0                    | -     | -             | 0             | -     | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -      | 640                      | -                        | -        |
| DATED TO FRONTLINE BRENT   | FY                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 244                      | 1,000                    | -75.6%   |
| DIESEL 10P BRG FOB RDM VS  | 7X                   | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%     |
| DOMINION TRAN INC - APP I  | IH                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| DOMINION TRANSMISSION INC  | PG                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%     |

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## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator        | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG  | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG   | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG  | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG     |         |
|----------------------------|----------------------|----------------------|-------|---------------|---------------|--------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|--------|--------------------------|--------------------------|-----------|---------|
| <b>Energy Futures</b>      |                      |                      |       |               |               |        |                        |                        |         |                        |                        |       |                 |                 |        |                          |                          |           |         |
| DUBAI CRUDE OIL BALMO      | BI                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 300                      | 0                        | 0.0%      |         |
| DUBAI CRUDE OIL CALENDAR   | DC                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 537                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 10,650                   | 18,592                   | -42.7%    |         |
| DUTCH TTF NATURAL GAS CAL  | TTF                  | 0                    | 0     | 0.0%          | 13,122        | 21,086 | -0.38                  | 320                    | 0       | 0.0%                   | 0                      | 0.0%  | 330,717         | 147,866         | 123.7% | 51,144                   | 60                       | 85,140.0% |         |
| EASTERN RAIL DELIVERY CSX  | QX                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| EAST/WEST FUEL OIL SPREAD  | EW                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 20        | -100.0% |
| EIA FLAT TAX ONHWAY DIESE  | A5                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 252                    | 217     | 16.1%                  | 0                      | 0     | 0.0%            | 6               | 0      | 0.0%                     | 9,671                    | 3,639     | 165.8%  |
| ELEC ERCOT DLY OFF PK      | I4                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ELEC ERCOT DLY PEAK        | I3                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ELEC ERCOT DLY PEAK        | I7                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ELEC ERCOT OFF PEAK        | I2                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ELEC FINSETTLED            | 47                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%    |
| ELEC MISO PEAK             | 4L                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%    |
| ELEC MISO PEAK             | 55                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ELEC NYISO OFF-PEAK        | 4M                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%    |
| ELEC NYISO OFF-PEAK        | 58                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ELECTRICITY OFF PEAK       | 46                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%    |
| ELECTRICITY OFF PEAK       | 4P                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%    |
| ERCOT HOUSTON Z MCPE 5M    | I1                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ERCOT NORTH ZMCPE 5MW OF   | I8                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ERCOT NORTH ZMCPE 5MW OF   | I6                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ERCOT NORTH ZMCPE 5MW PE   | I5                   | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| ETHANOL                    | MTH                  | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 70                       | 50        | 40.0%   |
| ETHANOL                    | Z1B                  | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%    |
| ETHANOL SWAP               | MT2                  | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 110                    | 495     | -77.8%                 | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 2,278                    | 1,455     | 56.6%   |
| ETHANOL T2 FOB ROTT INCL D | Z1                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 2,656                  | 3,353   | -20.8%                 | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 48,990                   | 44,366    | 10.4%   |
| EURO 1% FUEL OIL NEW BALM  | KX                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 3         | -100.0% |
| EURO 3.5% FUEL OIL RDAM B  | KR                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 65                       | 566       | -88.5%  |
| EURO 3.5% FUEL OIL SPREAD  | FK                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 16      | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 22                       | 198       | -88.9%  |
| EURO-DENOMINATED PETRO P   | NCP                  | -                    | 0     | 0.0%          | -             | 0      | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%    |
| EURO GASOIL 10PPM VS ICE   | ET                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 20      | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 75                       | 20        | 275.0%  |
| EUROPE 1% FUEL OIL NWE CA  | UF                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 4       | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 648       | -100.0% |
| EUROPE 1% FUEL OIL RDAM C  | UH                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 0                      | 0       | 0.0%                   | 0                      | 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                      | 28      | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 37                       | 428       | -91.4%  |
| EUROPE 3.5% FUEL OIL RDAM  | UV                   | 0                    | 0     | 0.0%          | 0             | 0      | 0                      | 12                     | 443     | -97.3%                 | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 2,384                    | 11,053    | -78.4%  |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator       | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG  |          |
|---------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|-------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|--------|----------|
| <b>Energy Futures</b>     |                      |                      |       |               |               |       |                        |                        |       |                        |                        |       |                 |                 |       |                          |                          |        |          |
| EUROPEAN GASOIL (ICE)     | 7F                   | 0                    | 0     | 0.0%          | 38            | 40    | -0.05                  | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 356             | 1,268 | -71.9%                   | 21                       | 0      | 0.0%     |
| EUROPEAN NAPHTHA BALMO    | KZ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 15    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 86                       | 1,463  | -94.1%   |
| EUROPEAN NAPHTHA CRACK SF | EN                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 116                    | 1,090 | -89.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 14,044                   | 41,655 | -66.3%   |
| EUROPE DATED BRENT SWAP   | UB                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 70                       | 1,633  | -95.7%   |
| EUROPE JET KERO NWE CALS  | UJ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 8      | -100.0%  |
| EUROPE NAPHTHA CALSWAP    | UN                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 348                    | 819   | -57.5%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 5,746                    | 17,896 | -67.9%   |
| EURO PROPANE CIF ARA SWA  | PS                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,037                  | 726   | 42.8%                  | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 18,704                   | 21,688 | -13.8%   |
| FREIGHT MARKETS           | ACB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 120   | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 735                      | 1,140  | -35.5%   |
| FREIGHT MARKETS           | BF1                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 20    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 15                       | 20     | -25.0%   |
| FREIGHT MARKETS           | BF2                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 236                    | 20    | 1,080.0%               | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,643                    | 20     | 8,115.0% |
| FREIGHT MARKETS           | BF3                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 10    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 10     | -100.0%  |
| FREIGHT MARKETS           | FLP                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 117   | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,299                    | 1,633  | 40.8%    |
| FREIGHT MARKETS           | FRC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 40                       | 1,652  | -97.6%   |
| FREIGHT MARKETS           | FRS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 80     | -100.0%  |
| FREIGHT MARKETS           | T2D                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 150                    | 15    | 900.0%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,113                    | 6,105  | -65.4%   |
| FREIGHT MARKETS           | T7C                  | 0                    | -     | -             | 0             | -     | -                      | 20                     | -     | -                      | 0                      | -     | -               | 0               | -     | -                        | 290                      | -      | -        |
| FREIGHT MARKETS           | TC6                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0      | 0.0%     |
| FREIGHT MARKETS           | TD3                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 140    | -100.0%  |
| FREIGHT MARKETS           | TD8                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 60     | -100.0%  |
| FREIGHT MARKETS           | USC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 90                       | 280    | -67.9%   |
| FREIGHT MARKETS           | USE                  | 0                    | -     | -             | 0             | -     | -                      | 0                      | -     | -                      | 0                      | -     | -               | 0               | -     | -                        | 800                      | -      | -        |
| FUEL OIL CRACK VS ICE     | FO                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 1,957 | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,644                    | 21,118 | -87.5%   |
| FUEL OIL NWE CRACK VS ICE | FI                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 15     | -100.0%  |
| FUEL OIL (PLATS) CAR CM   | 1W                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 6      | -100.0%  |
| FUEL OIL (PLATS) CAR CN   | 1X                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0      | 0.0%     |
| FUELOIL SWAP:CARGOES VS.B | FS                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 50    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 51                       | 1,634  | -96.9%   |
| GAS EURO-BOB OXY NWE BAR  | 7H                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 158                    | 1,276 | -87.6%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 14,644                   | 51,343 | -71.5%   |
| GAS EURO-BOB OXY NWE BAR  | 7K                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,182                  | 3,345 | -64.7%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 60,217                   | 89,625 | -32.8%   |
| GASOIL 0.1CIF MED VS ICE  | Z5                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0      | 0.0%     |
| GASOIL 0.1 CIF NWE VS ISE | TU                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 10     | -100.0%  |
| GASOIL 0.1 RDAM BRGS VS I | WQ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 17                       | 21     | -19.0%   |
| GASOIL 0.1 ROTTERDAM BARG | VL                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 22                     | 10    | 120.0%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 127                      | 149    | -14.8%   |
| GASOIL 10PPM VS ICE SWAP  | TP                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 39     | -100.0%  |
| GASOIL CALENDAR SWAP      | GX                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 12                     | 30    | -60.0%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 324                      | 305    | 6.2%     |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator       | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG   | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG  | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG     |           |
|---------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|--------|--------------------------|--------------------------|-----------|-----------|
| <b>Energy Futures</b>     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |        |                          |                          |           |           |
| GASOIL CRACK SPREAD CALE  | GZ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 204                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 12,428                   | 10,730                   | 15.8%     |           |
| GASOIL MINI CALENDAR SWAP | QA                   | 0                    | 0     | 0.0%          | 0             | 0     | 298                    | 892                    | -66.6%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 6,113                    | 6,175                    | -1.0%     |           |
| GERMAN POWER BASELOAD C   | DEB                  | 0                    | 0     | 0.0%          | 0             | 2,731 | -1                     | 0                      | 12      | -100.0%                | 0                      | 0     | 0.0%            | 8,776           | 26,684 | -67.1%                   | 1,290                    | 12        | 10,650.0% |
| GROUP THREE ULSD (PLATTS) | A7                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%      |           |
| GROUP THREE UNLEAD GAS (F | A9                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 300                      | -100.0%   |           |
| GRP THREE ULSD(PLT)VS HEA | A6                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 2,215                  | 2,128   | 4.1%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 39,678                   | 38,592    | 2.8%      |
| GRP THREE UNL GS (PLT) VS | A8                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,805                  | 2,155   | -16.2%                 | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 29,388                   | 29,467    | -0.3%     |
| GULF COAST 3% FUEL OIL BA | VZ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 45                     | 363     | -87.6%                 | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 2,986                    | 9,191     | -67.5%    |
| GULF COAST JET FUEL CLNDR | GE                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 162     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 3,153                    | 429       | 635.0%    |
| GULF COAST JET VS NYM 2 H | ME                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 11,304                 | 7,318   | 54.5%                  | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 200,108                  | 217,981   | -8.2%     |
| GULF COAST NO.6 FUEL OIL  | MF                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 3,824                  | 17,116  | -77.7%                 | 0                      | 0     | 0.0%            | 0               | 2      | -100.0%                  | 121,471                  | 258,240   | -53.0%    |
| GULF COAST NO.6 FUEL OIL  | MG                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 550     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 482                      | 3,688     | -86.9%    |
| GULF COAST ULSD CALENDAR  | LY                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 180                    | 237     | -24.1%                 | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 9,985                    | 4,053     | 146.4%    |
| GULF COAST ULSD CRACK SP  | GY                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 1,410                    | 360       | 291.7%    |
| HEATING OIL BALMO CLNDR S | 1G                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 40      | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 1,517                    | 605       | 150.7%    |
| HEATING OIL CRCK SPRD BAL | 1H                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 18        | -100.0%   |
| HEATING OIL PHY           | HOL                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%      |
| HENRY HUB BASIS SWAP      | HB                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 6,680                    | 21,170    | -68.4%    |
| HENRY HUB FINANCIAL LAST  | NBP                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 75                       | 0         | 0.0%      |
| HENRY HUB FINANCIAL LAST  | TTE                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%      |
| HENRY HUB INDEX SWAP FUTL | IN                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 8,392                    | 21,170    | -60.4%    |
| HENRY HUB SWAP            | NN                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 20,898                 | 195,250 | -89.3%                 | 0                      | 0     | 0.0%            | 670             | 122    | 449.2%                   | 741,310                  | 1,255,152 | -40.9%    |
| HOUSTON SHIP CHANNEL BASI | NH                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 736       | -100.0%   |
| ICE BRENT DUBAI SWAP      | DB                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 340                    | 1,915   | -82.2%                 | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 34,005                   | 65,001    | -47.7%    |
| IN DELIVERY MONTH EUA     | 6T                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%      |
| INDIANA MISO              | FAD                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%      |
| INDIANA MISO              | FTD                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%      |
| INDIANA MISO              | PDD                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%      |
| INDIANA MISO              | PTD                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 0                        | 0         | 0.0%      |
| INDONESIAN COAL ICI4      | ICI                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 35                     | 206     | -83.0%                 | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 1,976                    | 3,711     | -46.8%    |
| ISO NEW ENGLAND OFF-PEAK  | KI                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%      |
| ISO NEW ENGLAND PK LMP    | NI                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0      | 0.0%                     | -                        | 0         | 0.0%      |
| JAPAN C&F NAPHTHA CRACK S | JB                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 150                      | 196       | -23.5%    |
| JAPAN C&F NAPHTHA SWAP    | JA                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 13                     | 262     | -95.0%                 | 0                      | 0     | 0.0%            | 0               | 0      | 0.0%                     | 1,692                    | 10,336    | -83.6%    |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator          | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG   | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG   | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG     |        |
|------------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|---------|--------------------------|--------------------------|-----------|--------|
| <b>Energy Futures</b>        |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |         |                          |                          |           |        |
| JAPAN NAPHTHA BALMO SWAP     | E6                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 28                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 33                       | 361                      | -90.9%    |        |
| JET AV FUEL (P) CAR FM ICE G | 1V                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%      |        |
| JET CIF NWE VS ICE           | JC                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 262                      | -100.0%   |        |
| JET FUEL CRG CIF NEW VS I    | 6X                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 132                      | -100.0%   |        |
| JET FUEL UP-DOWN BALMO CL    | 1M                   | 0                    | 0     | 0.0%          | 0             | 0     | 1,455                  | 2,246                  | -35.2%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 19,863                   | 45,594                   | -56.4%    |        |
| JKM LNG Futures              | JKM                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 625                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 19,263                   | 21,367                   | -9.8%     |        |
| LA CARB DIESEL (OPIS) SWA    | KL                   | 0                    | 0     | 0.0%          | 0             | 0     | 25                     | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 2,542                    | 400                      | 535.5%    |        |
| LA CARBOB GASOLINE(OPIS)S    | JL                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 100                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 675                      | 2,975                    | -77.3%    |        |
| LA JET (OPIS) SWAP           | JS                   | 0                    | 0     | 0.0%          | 0             | 0     | 510                    | 900                    | -43.3%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 6,625                    | 13,784                   | -51.9%    |        |
| LLS (ARGUS) CALENDAR SWAP    | XA                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%      |        |
| LLS (ARGUS) VS WTI SWAP      | WJ                   | 0                    | 0     | 0.0%          | 0             | 0     | 5                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 7,900                    | 19,989                   | -60.5%    |        |
| LOS ANGELES CARB GASOLIN     | MH                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 15                       | 10                       | 50.0%     |        |
| MARS (ARGUS) VS WTI SWAP     | YX                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,275                  | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 2,600                    | 16,030                   | -83.8%    |        |
| MARS (ARGUS) VS WTI TRD M    | YV                   | 0                    | 0     | 0.0%          | 0             | 0     | 19,930                 | 16,845                 | 18.3%   | 0                      | 0                      | 0.0%  | 0               | 480             | -100.0% | 188,526                  | 215,383                  | -12.5%    |        |
| MARS BLEND CRUDE OIL         | MB                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 100                      | 0                        | 0.0%      |        |
| MCCLOSKY ARA ARGS COAL       | MTF                  | 0                    | 0     | 0.0%          | 971           | 840   | 0.16                   | 11,444                 | 19,644  | -41.7%                 | 0                      | 0     | 0.0%            | 10,206          | 7,642   | 33.6%                    | 233,871                  | 349,867   | -33.2% |
| MCCLOSKY RCH BAY COAL        | MFF                  | 0                    | 0     | 0.0%          | 0             | 0     | 417                    | 903                    | -53.8%  | 0                      | 0                      | 0.0%  | 30              | 0               | 0.0%    | 10,862                   | 25,865                   | -58.0%    |        |
| MGF FUT                      | MGF                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 10                       | -100.0%   |        |
| MGN1 SWAP FUT                | MGN                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 30                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 270                      | 540                      | -50.0%    |        |
| MICHIGAN BASIS               | NF                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%      |        |
| MICHIGAN MISO                | HMO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%      |        |
| MICHIGAN MISO                | HMW                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%      |        |
| MINI GAS EUROBOB OXY NWE     | MEB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 90                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 778                      | 2,169                    | -64.1%    |        |
| MINI RBOB V. EBOBARG NWE B   | MXR                  | 0                    | 0     | 0.0%          | 0             | 0     | 50                     | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 1,741                    | 3,910                    | -55.5%    |        |
| MINI RBOB V. EBOB(ARGUS) N   | MXB                  | 0                    | 0     | 0.0%          | 0             | 0     | 320                    | 667                    | -52.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 7,771                    | 21,061                   | -63.1%    |        |
| MJC FUT                      | MJC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 150                      | -100.0%   |        |
| MNC FUT                      | MNC                  | 0                    | 0     | 0.0%          | 0             | 0     | 182                    | 1,431                  | -87.3%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 11,410                   | 37,392                   | -69.5%    |        |
| MONT BELVIEU ETHANE 5 DECI   | C0                   | 0                    | 0     | 0.0%          | 20            | 0     | 33,525                 | 14,434                 | 132.3%  | 0                      | 0                      | 0.0%  | 45              | 0               | 0.0%    | 318,114                  | 187,794                  | 69.4%     |        |
| MONT BELVIEU ETHANE OPIS E   | 8C                   | 0                    | 0     | 0.0%          | 0             | 0     | 1,140                  | 347                    | 228.5%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 4,670                    | 1,851                    | 152.3%    |        |
| MONT BELVIEU LDH PROPANE     | B0                   | 0                    | 0     | 0.0%          | 0             | 6     | -1                     | 195,233                | 129,870 | 50.3%                  | 0                      | 0     | 0.0%            | 174             | 124     | 40.3%                    | 2,044,544                | 1,717,382 | 19.1%  |
| MONT BELVIEU LDH PROPANE     | 8O                   | 0                    | 0     | 0.0%          | 0             | 0     | 2,192                  | 944                    | 132.2%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 26,203                   | 31,494                   | -16.8%    |        |
| MONT BELVIEU NATURAL GAS     | 7Q                   | 0                    | 0     | 0.0%          | 0             | 0     | 20,564                 | 6,651                  | 209.2%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 334,637                  | 105,357                  | 217.6%    |        |
| MONT BELVIEU NATURAL GAS     | R0                   | 0                    | 0     | 0.0%          | 0             | 0     | 825                    | 625                    | 32.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 10,720                   | 7,781                    | 37.8%     |        |
| MONT BELVIEU NORMAL BUTA     | D0                   | 0                    | 0     | 0.0%          | 0             | 0     | 54,718                 | 52,156                 | 4.9%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 799,900                  | 581,603                  | 37.5%     |        |

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|---------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|--------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|---------|---------|
| <b>Energy Futures</b>     |                      |                      |       |               |               |       |                        |                        |        |                        |                        |       |                 |                 |       |                          |                          |         |         |
| MONT BELVIEU NORMAL BUTA  | 8J                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 926                    | 1,407  | -34.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 15,851                   | 15,312  | 3.5%    |
| NAT GAS BASIS SWAP        | TZ6                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NATURAL GAS               | XIC                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| NATURAL GAS PEN SWP       | NP                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 154,214                | 16,368 | 842.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 849,909                  | 345,737 | 145.8%  |
| NEPOOL CNCTCT 5MW D AH O  | P3                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| NEPOOL CONECTIC 5MW D AH  | P2                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| NEPOOL INTR HUB 5MW D AH  | H2                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 13,992                   | 71,600  | -80.5%  |
| NEPOOL INTR HUB 5MW D AH  | U6                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 768                      | 220     | 249.1%  |
| NEPOOL NE MASS 5MW D AH O | P8                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NEPOOL NE MASS 5MW D AH P | P7                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NEPOOL RHD ISLD 5MW D AH  | U4                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| NEPOOL RHODE IL 5MW D AH  | U5                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| NEPOOL W CNT MASS 5MW D A | L9                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| NEPOOL W CNTR M 5MW D AH  | R6                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 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%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NEW YORK ETHANOL SWAP     | EZ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 695    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 6,844                    | 10,043  | -31.9%  |
| NEW YORK HUB ZONE G PEAK  | GN                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 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      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NGPL MID-CONTINENT        | NL                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 1,760   | -100.0% |
| NGPL TEX/OK               | PD                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 2,696   | -100.0% |
| N ILLINOIS HUB DAILY      | UD                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| N ILLINOIS HUB MTHLY      | UM                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| NO 2 UP-DOWN SPREAD CALE  | UT                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 225                      | 925     | -75.7%  |
| NORTHEN NATURAL GAS DEM   | PE                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NORTHEN NATURAL GAS VENT  | PF                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NORTHWEST ROCKIES BASIS S | NR                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 3,106   | -100.0% |
| N ROCKIES PIPE SWAP       | XR                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NY1% VS GC SPREAD SWAP    | VR                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 100                    | 460    | -78.3%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,718                    | 5,447   | -50.1%  |
| NY 3.0% FUEL OIL (PLATTS  | H1                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 775     | -100.0% |
| NY HARBOR 1% FUEL OIL BAL | VK                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 95                     | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 95                       | 25      | 280.0%  |
| NY HARBOR HEAT OIL SWP    | MP                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,218                  | 1,219  | -0.1%                  | 0                      | 0     | 0.0%            | 38              | 19    | 100.0%                   | 35,919                   | 24,217  | 48.3%   |
| NY HARBOR LOW SULPUR GAS  | NLS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 390     | -100.0% |
| NY HARBOR RESIDUAL FUEL 1 | MM                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 569                    | 949    | -40.0%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 8,012                    | 10,317  | -22.3%  |
| NY HARBOR RESIDUAL FUEL C | ML                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator        | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG   |         |
|----------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|-------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|---------|---------|
| <b>Energy Futures</b>      |                      |                      |       |               |               |       |                        |                        |       |                        |                        |       |                 |                 |       |                          |                          |         |         |
| NYH NO 2 CRACK SPREAD CAL  | HK                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 600                    | 1,410 | -57.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 9,951                    | 6,585   | 51.1%   |
| NYISO CAPACITY             | LHV                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 620     | -100.0% |
| NYISO CAPACITY             | NNC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NYISO CAPACITY             | NRS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 60      | -100.0% |
| NYISO J                    | KJ                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| NYISO J OFF-PEAK           | KK                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| NYISO ZONE A 5MW D AH O P  | K4                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NYISO ZONE A 5MW D AH PK   | K3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 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     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 101,424 | -100.0% |
| NYISO ZONE G 5MW D AH PK   | T3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 8,394   | -100.0% |
| NYISO ZONE J 5MW D AH O P  | D4                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NYISO ZONE J 5MW D AH PK   | D3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NYMEX ALUMINUM FUTURES     | AN                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| NYMEX ULSD VS NYMEX HO     | UY                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 700                      | 2,000   | -65.0%  |
| NY ULSD (ARGUS) VS HEATING | 7Y                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 94                     | 645   | -85.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 5,283                    | 3,415   | 54.7%   |
| ONEOK OKLAHOMA NG BASIS    | 8X                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 1,860   | -100.0% |
| ONTARIO POWER SWAPS        | OFD                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| ONTARIO POWER SWAPS        | OPD                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 25      | -100.0% |
| ONTARIO POWER SWAPS        | OPM                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 100     | -100.0% |
| PANHANDLE BASIS SWAP FUT   | PH                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 56                       | 0       | 0.0%    |
| PANHANDLE PIPE SWAP        | XH                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| PERMIAN BASIS SWAP         | PM                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| PETROCHEMICALS             | 22                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 237                    | 131   | 80.9%                  | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,624                    | 2,014   | -19.4%  |
| PETROCHEMICALS             | 32                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 29                     | 47    | -38.3%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 793                      | 1,185   | -33.1%  |
| PETROCHEMICALS             | 3NA                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 34                       | 49      | -30.6%  |
| PETROCHEMICALS             | 51                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 5                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 29                       | 79      | -63.3%  |
| PETROCHEMICALS             | 81                   | 0                    | -     | -             | 0             | -     | 0                      | 0                      | -     | -                      | 0                      | -     | -               | 0               | -     | -                        | 60                       | -       | -       |
| PETROCHEMICALS             | 8I                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 915                    | 598   | 53.0%                  | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 9,950                    | 8,265   | 20.4%   |
| PETROCHEMICALS             | 91                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 558                    | 157   | 255.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 4,157                    | 5,761   | -27.8%  |
| PETROCHEMICALS             | MAA                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 30                     | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,325                    | 280     | 373.2%  |
| PETROCHEMICALS             | MAE                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 430                    | 540   | -20.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 8,072                    | 4,609   | 75.1%   |
| PETROCHEMICALS             | MAS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 275                    | 168   | 63.7%                  | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 3,451                    | 2,450   | 40.9%   |
| PETROCHEMICALS             | MBE                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 30                     | 10    | 200.0%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,640                    | 3,975   | -33.6%  |
| PETROCHEMICALS             | MNB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 29                     | 128   | -77.3%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,733                    | 6,658   | -74.0%  |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator      | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG   |         |
|--------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|-------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|---------|---------|
| <b>Energy Futures</b>    |                      |                      |       |               |               |       |                        |                        |       |                        |                        |       |                 |                 |       |                          |                          |         |         |
| PETROCHEMICALS           | MPS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 163                    | 350   | -53.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 3,829                    | 2,774   | 38.0%   |
| PETRO CRCKS & SPRDS ASIA | JNC                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| PETRO CRCKS & SPRDS ASIA | STI                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 50      | -100.0% |
| PETRO CRCKS & SPRDS ASIA | STR                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| PETRO CRCKS & SPRDS ASIA | STS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 375                      | 332     | 13.0%   |
| PETRO CRCKS & SPRDS NA   | CRB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 10,225                 | 4,495 | 127.5%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 189,556                  | 77,511  | 144.6%  |
| PETRO CRCKS & SPRDS NA   | EXR                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 248                    | 1,067 | -76.8%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 11,398                   | 27,974  | -59.3%  |
| PETRO CRCKS & SPRDS NA   | FOC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 100                      | 3,870   | -97.4%  |
| PETRO CRCKS & SPRDS NA   | GBB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 305                    | 625   | -51.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 5,006                    | 6,749   | -25.8%  |
| PETRO CRCKS & SPRDS NA   | GCC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 405                      | 0       | 0.0%    |
| PETRO CRCKS & SPRDS NA   | GCI                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 255                    | 885   | -71.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 6,137                    | 14,364  | -57.3%  |
| PETRO CRCKS & SPRDS NA   | GCM                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 300     | -100.0% |
| PETRO CRCKS & SPRDS NA   | GCU                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 180                    | 2,004 | -91.0%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 15,803                   | 42,072  | -62.4%  |
| PETRO CRCKS & SPRDS NA   | GFC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 100     | -100.0% |
| PETRO CRCKS & SPRDS NA   | HOB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 225                    | 855   | -73.7%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 9,400                    | 19,331  | -51.4%  |
| PETRO CRCKS & SPRDS NA   | MFR                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| PETRO CRCKS & SPRDS NA   | NFG                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| PETRO CRCKS & SPRDS NA   | NYF                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 100   | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 225     | -100.0% |
| PETRO CRCKS & SPRDS NA   | RBB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 525                    | 2,236 | -76.5%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 33,794                   | 74,208  | -54.5%  |
| PETRO CRCKS & SPRDS NA   | RVG                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 794                    | 8,979 | -91.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 62,110                   | 150,546 | -58.7%  |
| PETRO CRCKS & SPRDS NA   | SF3                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 55    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 10                       | 1,200   | -99.2%  |
| PETRO CRK&SPRD EURO      | 1NB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 525   | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 3,085                    | 11,233  | -72.5%  |
| PETRO CRK&SPRD EURO      | 1ND                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| PETRO CRK&SPRD EURO      | 43                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 44                       | 155     | -71.6%  |
| PETRO CRK&SPRD EURO      | BFR                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 60      | -100.0% |
| PETRO CRK&SPRD EURO      | BOB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 39    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 403                      | 5,351   | -92.5%  |
| PETRO CRK&SPRD EURO      | EOB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 31                       | 53      | -41.5%  |
| PETRO CRK&SPRD EURO      | EPN                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 471                    | 194   | 142.8%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 4,782                    | 6,232   | -23.3%  |
| PETRO CRK&SPRD EURO      | EVC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 120   | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 203                      | 6,990   | -97.1%  |
| PETRO CRK&SPRD EURO      | FBT                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 60      | -100.0% |
| PETRO CRK&SPRD EURO      | FVB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| PETRO CRK&SPRD EURO      | GCB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 44                       | 527     | -91.7%  |
| PETRO CRK&SPRD EURO      | GOC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| PETRO CRK&SPRD EURO      | MGB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 160     | -100.0% |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator     | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG   | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG   |         |
|-------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|---------|---------|
| <b>Energy Futures</b>   |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |       |                          |                          |         |         |
| PETRO CRK&SPRD EURO     | MUD                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 10                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 130                      | 140                      | -7.1%   |         |
| PETRO CRK&SPRD EURO     | NBB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 5                        | 58                       | -91.4%  |         |
| PETRO CRK&SPRD EURO     | NOB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 82                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 406                      | 3,591                    | -88.7%  |         |
| PETRO CRK&SPRD EURO     | SFB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 56                       | -100.0% |         |
| PETROLEUM PRODUCTS      | 1NM                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 100                    | 125     | -20.0%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,184                    | 913     | 29.7%   |
| PETROLEUM PRODUCTS      | EWG                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 525     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 4,820                    | 23,725  | -79.7%  |
| PETROLEUM PRODUCTS      | H5F                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 228     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 3,413                    | 5,396   | -36.7%  |
| PETROLEUM PRODUCTS      | JCC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,510                    | 720     | 248.6%  |
| PETROLEUM PRODUCTS      | MME                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 160                      | 0       | 0.0%    |
| PETROLEUM PRODUCTS      | MPE                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| PETROLEUM PRODUCTS      | NCC                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 10      | -100.0% |
| PETROLEUM PRODUCTS      | R5E                  | 0                    | -     | -             | 0             | -     | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 2                        | -                        | -       |         |
| PETROLEUM PRODUCTS      | R5F                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 59                     | 10      | 490.0%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 206                      | 42      | 390.5%  |
| PETROLEUM PRODUCTS      | S53                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 41                       | 56      | -26.8%  |
| PETROLEUM PRODUCTS      | UCS                  | 0                    | -     | -             | 0             | -     | 0                      | 90                     | -       | -                      | 0                      | -     | 0               | -               | -     | 155                      | -                        | -       |         |
| PETROLEUM PRODUCTS      | UP5                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 117     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 1,266   | -100.0% |
| PETROLEUM PRODUCTS      | VU                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,443                    | 815     | 77.1%   |
| PETROLEUM PRODUCTS ASIA | E6M                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 80                       | 168     | -52.4%  |
| PETROLEUM PRODUCTS ASIA | MJN                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 97                     | 290     | -66.6%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 7,102                    | 14,151  | -49.8%  |
| PETROLEUM PRODUCTS ASIA | MSB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 20      | -100.0% |
| PETRO OUTRIGHT EURO     | 0B                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 110     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 100                      | 577     | -82.7%  |
| PETRO OUTRIGHT EURO     | 0C                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 45      | -100.0% |
| PETRO OUTRIGHT EURO     | 0D                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 7                      | 852     | -99.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,546                    | 14,805  | -82.8%  |
| PETRO OUTRIGHT EURO     | 0E                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 136     | -100.0% |
| PETRO OUTRIGHT EURO     | 0F                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 184     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 613                      | 3,734   | -83.6%  |
| PETRO OUTRIGHT EURO     | 1T                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 8       | -100.0% |
| PETRO OUTRIGHT EURO     | 33                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| PETRO OUTRIGHT EURO     | 5L                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 10      | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 64                       | 246     | -74.0%  |
| PETRO OUTRIGHT EURO     | 63                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 20                       | 107     | -81.3%  |
| PETRO OUTRIGHT EURO     | 7I                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 135                      | 985     | -86.3%  |
| PETRO OUTRIGHT EURO     | 7R                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 12      | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 127                      | 1,358   | -90.6%  |
| PETRO OUTRIGHT EURO     | 88                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 31      | -100.0% |
| PETRO OUTRIGHT EURO     | CBB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 20                     | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 90                       | 50      | 80.0%   |
| PETRO OUTRIGHT EURO     | CGB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 22                       | 20      | 10.0%   |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator   | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG |         |
|-----------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|-------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|-------|---------|
| <b>Energy Futures</b> |                      |                      |       |               |               |       |                        |                        |       |                        |                        |       |                 |                 |       |                          |                          |       |         |
| PETRO OUTRIGHT EURO   | CPB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 153                    | 328   | -53.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 2,024                    | 2,708 | -25.3%  |
| PETRO OUTRIGHT EURO   | EFF                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 25    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 40                       | 219   | -81.7%  |
| PETRO OUTRIGHT EURO   | EFM                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 31    | -100.0% |
| PETRO OUTRIGHT EURO   | ENS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 163   | -100.0% |
| PETRO OUTRIGHT EURO   | EWN                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 15                     | 87    | -82.8%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 210                      | 4,356 | -95.2%  |
| PETRO OUTRIGHT EURO   | FLB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 6     | -100.0% |
| PETRO OUTRIGHT EURO   | GES                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0     | 0.0%    |
| PETRO OUTRIGHT EURO   | GNO                  | 0                    | -     | -             | 0             | -     | 0                      | 0                      | -     | -                      | 0                      | -     | 0               | -               | -     | 0.0%                     | 10                       | -     | -       |
| PETRO OUTRIGHT EURO   | H5G                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 345   | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 270                      | 1,602 | -83.1%  |
| PETRO OUTRIGHT EURO   | JFB                  | 0                    | -     | -             | 0             | -     | 0                      | 0                      | -     | -                      | 0                      | -     | 0               | -               | -     | 0.0%                     | 9                        | -     | -       |
| PETRO OUTRIGHT EURO   | M1B                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,911                  | 592   | 222.8%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 10,111                   | 2,237 | 352.0%  |
| PETRO OUTRIGHT EURO   | M35                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 24    | -100.0% |
| PETRO OUTRIGHT EURO   | MBB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 20                     | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 50                       | 5     | 900.0%  |
| PETRO OUTRIGHT EURO   | MBN                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,059                  | 370   | 186.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 4,580                    | 3,601 | 27.2%   |
| PETRO OUTRIGHT EURO   | MEF                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 113                    | 38    | 197.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,637                    | 3,535 | -53.7%  |
| PETRO OUTRIGHT EURO   | R53                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 157                      | 203   | -22.7%  |
| PETRO OUTRIGHT EURO   | R5B                  | 0                    | -     | -             | 0             | -     | 0                      | 0                      | -     | -                      | 0                      | -     | 0               | -               | -     | 0.0%                     | 10                       | -     | -       |
| PETRO OUTRIGHT EURO   | R5M                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 401                    | 259   | 54.8%                  | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 4,617                    | 1,867 | 147.3%  |
| PETRO OUTRIGHT EURO   | R5O                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 827                    | 340   | 143.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 10,496                   | 2,569 | 308.6%  |
| PETRO OUTRIGHT EURO   | RBM                  | 0                    | -     | -             | 0             | -     | 0                      | 0                      | -     | -                      | 0                      | -     | 0               | -               | -     | 0.0%                     | 59                       | -     | -       |
| PETRO OUTRIGHT EURO   | S5B                  | 0                    | -     | -             | 0             | -     | 0                      | 0                      | -     | -                      | 0                      | -     | 0               | -               | -     | 0.0%                     | 6                        | -     | -       |
| PETRO OUTRIGHT EURO   | S5F                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 75                     | 19    | 294.7%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,208                    | 155   | 679.4%  |
| PETRO OUTRIGHT EURO   | S5M                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,255                  | 756   | 66.0%                  | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 17,615                   | 2,470 | 613.2%  |
| PETRO OUTRIGHT EURO   | S5O                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 367                    | 356   | 3.1%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 8,659                    | 861   | 905.7%  |
| PETRO OUTRIGHT EURO   | SMU                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 120   | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 970   | -100.0% |
| PETRO OUTRIGHT EURO   | T0                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0     | 0.0%    |
| PETRO OUTRIGHT EURO   | T2B                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 20                       | 15    | 33.3%   |
| PETRO OUTRIGHT EURO   | TMB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 50    | -100.0% |
| PETRO OUTRIGHT EURO   | ULB                  | 0                    | -     | -             | 0             | -     | 0                      | 0                      | -     | -                      | 0                      | -     | 0               | -               | -     | 0.0%                     | 415                      | -     | -       |
| PETRO OUTRIGHT EURO   | UNB                  | 0                    | -     | -             | 0             | -     | 0                      | 0                      | -     | -                      | 0                      | -     | 0               | -               | -     | 0.0%                     | 300                      | -     | -       |
| PETRO OUTRIGHT EURO   | V0                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0     | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0     | 0.0%    |
| PETRO OUTRIGHT EURO   | X0                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0     | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0     | 0.0%    |
| PETRO OUTRIGHT NA     | A8B                  | 0                    | -     | -             | 0             | -     | 0                      | 375                    | -     | -                      | 0                      | -     | 0               | -               | -     | 0.0%                     | 375                      | -     | -       |
| PETRO OUTRIGHT NA     | AB6                  | 0                    | -     | -             | 0             | -     | 0                      | 75                     | -     | -                      | 0                      | -     | 0               | -               | -     | 0.0%                     | 1,122                    | -     | -       |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator       | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG   | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG   |
|---------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|---------|
| <b>Energy Futures</b>     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |       |                          |                          |         |
| PETRO OUtright NA         | BCR                  | 0                    | -     | -             | 0             | -     | 200                    | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 3,008                    | -                        | -       |
| PETRO OUtright NA         | DBB                  | 0                    | -     | -             | 0             | -     | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 75                       | -                        | -       |
| PETRO OUtright NA         | FCB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 426                      | -100.0% |
| PETRO OUtright NA         | FOM                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| PETRO OUtright NA         | H5B                  | 0                    | -     | -             | 0             | -     | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 1,834                    | -                        | -       |
| PETRO OUtright NA         | JE                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 45                     | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%  | 1,005                    | 240                      | 318.8%  |
| PETRO OUtright NA         | JET                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 325                    | 700     | -53.6%                 | 0                      | 0     | 0.0%            | 0               | 0.0%  | 7,415                    | 25,680                   | -71.1%  |
| PETRO OUtright NA         | JTB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 50                     | 225     | -77.8%                 | 0                      | 0     | 0.0%            | 0               | 0.0%  | 2,155                    | 7,798                    | -72.4%  |
| PETRO OUtright NA         | MBL                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 10                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 137                      | 334                      | -59.0%  |
| PETRO OUtright NA         | MEN                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 10                     | 105     | -90.5%                 | 0                      | 0     | 0.0%            | 0               | 0.0%  | 598                      | 1,862                    | -67.9%  |
| PETRO OUtright NA         | MEO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 265                    | 733     | -63.8%                 | 0                      | 0     | 0.0%            | 0               | 0.0%  | 13,105                   | 25,216                   | -48.0%  |
| PETRO OUtright NA         | MFD                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 172                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 38                       | 545                      | -93.0%  |
| PETRO OUtright NA         | MMF                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 35                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 70                       | 854                      | -91.8%  |
| PETRO OUtright NA         | XER                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0.0%  | -                        | 0                        | 0.0%    |
| PJM AD HUB 5MW REAL TIME  | V3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 117,180                  | -100.0% |
| PJM AD HUB 5MW REAL TIME  | Z9                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 2,560                    | -100.0% |
| PJM ATSI ELEC             | MOD                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0.0%  | -                        | 0                        | 0.0%    |
| PJM ATSI ELEC             | MPD                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0.0%  | -                        | 0                        | 0.0%    |
| PJM BGE DA OFF-PEAK       | R3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM BGE DA PEAK           | E3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM COMED 5MW D AH O PK   | D9                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM COMED 5MW D AH PK     | D8                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 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                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM DAYTON DA OFF-PEAK    | R7                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM DAYTON DA PEAK        | D7                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 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                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 3,845                    | -100.0% |
| PJM NI HUB 5MW REAL TIME  | B6                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 70,000                   | -100.0% |
| PJM NILL DA OFF-PEAK      | L3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM NILL DA PEAK          | N3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM OFF-PEAK LMP SWAP FUT | JP                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM PECO ZONE5MW PEAK CA  | 4N                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM PSEG DA OFF-PEAK      | W6                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM PSEG DA PEAK          | L6                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| PJM WESTH DA OFF-PEAK     | E4                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator        | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG   | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG    |
|----------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|----------|
| <b>Energy Futures</b>      |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |       |                          |                          |          |
| PJM WESTHDA PEAK           | J4                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 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                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 47,100                   | -100.0%  |
| PJM WESTH RT PEAK          | L1                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 6,168                  | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 15,814                   | 59,799                   | -73.6%   |
| PLASTICS                   | PGP                  | 0                    | 0     | 0.0%          | 0             | 0     | 1,033                  | 380                    | 171.8%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 12,946                   | 8,328                    | 55.5%    |
| PREMIUM UNLD 10P FOB MED   | 3G                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 158                      | 858                      | -81.6%   |
| PREMIUM UNLEAD 10PPM FOB   | 8G                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 139                      | -100.0%  |
| PREM UNL GAS 10PPM RDAM F  | 7N                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 20                       | -100.0%  |
| PREM UNL GAS 10PPM RDAM F  | 7L                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 35                       | -100.0%  |
| PROPANE NON-LDH MB (OPIS)  | 1S                   | 0                    | 0     | 0.0%          | 0             | 0     | 457                    | 855                    | -46.5%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 18,785                   | 16,300                   | 15.2%    |
| PROPANE NON-LDH MT. BEL (O | 1R                   | 0                    | 0     | 0.0%          | 0             | 0     | 25,846                 | 19,169                 | 34.8%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 293,277                  | 240,228                  | 22.1%    |
| RBOB CALENDAR SWAP         | RL                   | 0                    | 0     | 0.0%          | 0             | 0     | 5,838                  | 4,364                  | 33.8%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 66,794                   | 67,785                   | -1.5%    |
| RBOB CRACK SPREAD          | RM                   | 0                    | 0     | 0.0%          | 0             | 0     | 825                    | 570                    | 44.7%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 12,610                   | 14,130                   | -10.8%   |
| RBOB CRACK SPREAD BALMO    | 1E                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 25                       | -100.0%  |
| RBOB GASOLINE BALMO CLND   | 1D                   | 0                    | 0     | 0.0%          | 0             | 0     | 331                    | 693                    | -52.2%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 6,183                    | 11,098                   | -44.3%   |
| RBOB PHY                   | RBL                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%     |
| RBOB SPREAD (PLATTS) SWAP  | RI                   | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%     |
| RBOB VS HEATING OIL SWAP   | RH                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 5,665                    | 150                      | 3,676.7% |
| SAN JUAN BASIS SWAP        | NJ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%     |
| SAN JUAN PIPE SWAP         | XX                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%     |
| SINGAPORE 180CST BALMO     | BS                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 41                       | 230                      | -82.2%   |
| SINGAPORE 380CST BALMO     | BT                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 5                      | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 39                       | 937                      | -95.8%   |
| SINGAPORE 380CST FUEL OIL  | SE                   | 0                    | 0     | 0.0%          | 0             | 0     | 91                     | 616                    | -85.2%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 2,420                    | 30,678                   | -92.1%   |
| SINGAPORE FUEL 180CST CAL  | UA                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 81                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 215                      | 2,511                    | -91.4%   |
| SINGAPORE FUEL OIL SPREAD  | SD                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 90                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 80                       | 778                      | -89.7%   |
| SINGAPORE GASOIL           | MAF                  | 0                    | 0     | 0.0%          | 0             | 0     | 207                    | 816                    | -74.6%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 2,422                    | 23,372                   | -89.6%   |
| SINGAPORE GASOIL           | MTB                  | 0                    | 0     | 0.0%          | 0             | 0     | 10                     | 65                     | -84.6%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 72                       | 772                      | -90.7%   |
| SINGAPORE GASOIL           | MTS                  | 0                    | 0     | 0.0%          | 0             | 0     | 308                    | 831                    | -62.9%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 3,810                    | 39,136                   | -90.3%   |
| SINGAPORE GASOIL           | SBM                  | 0                    | -     | -             | 0             | -     | 78                     | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 529                      | -                        | -        |
| SINGAPORE GASOIL           | STZ                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%     |
| SINGAPORE GASOIL CALEND    | GDH                  | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%     |
| SINGAPORE GASOIL CALEND    | GDL                  | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%     |
| SINGAPORE GASOIL CALEND    | GHS                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 270                      | -100.0%  |
| SINGAPORE GASOIL CALEND    | MGO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%     |
| SINGAPORE GASOIL CALEND    | MSG                  | 0                    | 0     | 0.0%          | 0             | 0     | 530                    | 1,343                  | -60.5%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 8,004                    | 3,425                    | 133.7%   |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator        | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG  | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG   |         |
|----------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|--------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|---------|---------|
| <b>Energy Futures</b>      |                      |                      |       |               |               |       |                        |                        |        |                        |                        |       |                 |                 |       |                          |                          |         |         |
| SINGAPORE GASOIL CALEND    | SGG                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| SINGAPORE GASOIL SWAP      | SG                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 4,164                  | 1,494  | 178.7%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 14,475                   | 12,033  | 20.3%   |
| SINGAPORE GASOIL VS ICE    | GA                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 75     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 282                      | 4,758   | -94.1%  |
| SINGAPORE JET KERO BALMO   | BX                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 345                      | 50      | 590.0%  |
| SINGAPORE JET KERO GASOIL  | RK                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 575                      | 100     | 475.0%  |
| SINGAPORE JET KEROSENE S   | KS                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 620                    | 1,414  | -56.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 6,968                    | 7,909   | -11.9%  |
| SINGAPORE JET KERO VS. GAS | ZO                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| SINGAPORE MOGAS 92 UNLEA   | 1P                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 175                      | 1,500   | -88.3%  |
| SINGAPORE MOGAS 92 UNLEA   | 1N                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 175                    | 6,835  | -97.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 24,455                   | 101,129 | -75.8%  |
| SINGAPORE NAPHTHA SWAP     | SP                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| SING FUEL                  | MSD                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 30      | -100.0% |
| SOUTH STAR TEX OKLHM KNS   | 8Z                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| Sumas Basis Swap           | NK                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| TC2 ROTTERDAM TO USAC 37K  | TM                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 5      | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 45                       | 2,461   | -98.2%  |
| TC5 RAS TANURA TO YOKOHA   | TH                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 195    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 140                      | 3,611   | -96.1%  |
| TCO BASIS SWAP             | TC                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| TD3 MEG TO JAPAN 250K MT   | TL                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 304                    | 2,409  | -87.4%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 23,464                   | 61,189  | -61.7%  |
| TENNESSEE ZONE 0 BASIS SW  | NQ                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| Tetco STX Basis            | TX                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| TEXAS EASTERN ZONE M-3 BA  | NX                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,057                    | 0       | 0.0%    |
| TEXAS GAS ZONE1 NG BASIS   | 9F                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| Transco Zone 3 Basis       | CZ                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| TRANSCO ZONE4 BASIS SWAP   | TR                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| TRANSCO ZONE 6 BASIS SWAP  | NZ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
| UCM FUT                    | UCM                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 20      | -100.0% |
| UK NBP NAT GAS CAL MTH FUT | UKG                  | 0                    | 0     | 0.0%          | 1,820         | 1,106 | 0.65                   | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 5,759           | 7,445 | -22.6%                   | 216                      | 0       | 0.0%    |
| ULSD 10PPM CIF MED VS ICE  | Z7                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| ULSD UP-DOWN BALMO SWP     | 1L                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 4,110                  | 9,575  | -57.1%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 62,006                   | 70,855  | -12.5%  |
| UP DOWN GC ULSD VS NMX H   | LT                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 27,549                 | 28,961 | -4.9%                  | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 531,625                  | 409,270 | 29.9%   |
| WAHA BASIS                 | NW                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 650     | -100.0% |
| WESTERN RAIL DELIVERY PRB  | QP                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
| WTI-BRENT BULLET SWAP      | BY                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 250    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 2,203   | -100.0% |
| WTI-BRENT CALENDAR SWAP    | BK                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 27,581                 | 31,709 | -13.0%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 431,790                  | 428,919 | 0.7%    |
| WTI CALENDAR               | CS                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 43,143                 | 50,289 | -14.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 698,294                  | 512,762 | 36.2%   |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator       | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG     | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG   | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG      | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG     |         |
|---------------------------|----------------------|----------------------|-------|---------------|---------------|-----------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|------------|--------------------------|--------------------------|-----------|---------|
| <b>Energy Futures</b>     |                      |                      |       |               |               |           |                        |                        |         |                        |                        |       |                 |                 |            |                          |                          |           |         |
| WTI MIDLAND CRUDE OIL     | WTL                  | 0                    | -     | -             | 0             | -         | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -          | 300                      | -                        | -         |         |
| WTS (ARGUS) VS WTI SWAP   | FF                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 1,450                  | 6,373   | -77.2%                 | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 56,600                   | 52,510    | 7.8%    |
| WTS (ARGUS) VS WTI TRD MT | FH                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 685                    | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 13,074                   | 7,270     | 79.8%   |
| <b>Energy Options</b>     |                      |                      |       |               |               |           |                        |                        |         |                        |                        |       |                 |                 |            |                          |                          |           |         |
| BRENT 1 MONTH CAL         | AA                   | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0          | 0.0%                     | -                        | 0         | 0.0%    |
| BRENT CALENDAR SWAP       | BA                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 99                     | 186     | -46.8%                 | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 7,629                    | 4,896     | 55.8%   |
| BRENT CRUDE OIL 12 M CSO  | 9Y                   | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0          | 0.0%                     | -                        | 0         | 0.0%    |
| BRENT CRUDE OIL 1 M CSO   | 9C                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 100     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 1,800      | -100.0%                  | 36,675                   | 34,090    | 7.6%    |
| BRENT CRUDE OIL 6 M CSO   | 9L                   | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0          | 0.0%                     | -                        | 0         | 0.0%    |
| BRENT OIL LAST DAY        | BE                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 32,902                 | 16,750  | 96.4%                  | 0                      | 0     | 0.0%            | 2               | 0          | 0.0%                     | 411,514                  | 372,326   | 10.5%   |
| BRENT OIL LAST DAY        | BZO                  | 0                    | 0     | 0.0%          | 1,781         | 25,102    | -0.93                  | 30,910                 | 28,000  | 10.4%                  | 0                      | 0     | 0.0%            | 152,366         | 709,897    | -78.5%                   | 402,788                  | 378,807   | 6.3%    |
| BRENT OIL LAST DAY        | OS                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 25              | 0          | 0.0%                     | 0                        | 0         | 0.0%    |
| COAL API2 INDEX           | CLA                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 0                        | 225       | -100.0% |
| COAL API2 INDEX           | CQA                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 0                        | 835       | -100.0% |
| COAL API4 INDEX           | RLA                  | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0          | 0.0%                     | -                        | 0         | 0.0%    |
| COAL API4 INDEX           | RQA                  | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0          | 0.0%                     | -                        | 0         | 0.0%    |
| COAL SWAP                 | CPF                  | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0          | 0.0%                     | -                        | 0         | 0.0%    |
| COAL SWAP                 | RPF                  | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0          | 0.0%                     | -                        | 0         | 0.0%    |
| CRUDE OIL                 | 6Y                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 50                       | 150       | -66.7%  |
| CRUDE OIL 1MO             | WA                   | 0                    | 0     | 0.0%          | 12,400        | 4,450     | 1.79                   | 103,150                | 101,602 | 1.5%                   | 0                      | 0     | 0.0%            | 101,621         | 95,237     | 6.7%                     | 2,120,111                | 2,365,427 | -10.4%  |
| CRUDE OIL APO             | AO                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 64,678                 | 99,113  | -34.7%                 | 0                      | 0     | 0.0%            | 3               | 3          | 0.0%                     | 686,052                  | 639,486   | 7.3%    |
| CRUDE OIL CALNDR STRIP    | 6F                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 200     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 170                      | 400       | -57.5%  |
| CRUDE OIL OUTRIGHTS       | AH                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 0                        | 0         | 0.0%    |
| CRUDE OIL OUTRIGHTS       | WCI                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 0                        | 960       | -100.0% |
| CRUDE OIL PHY             | CD                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 500     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 1,850                    | 1,800     | 2.8%    |
| CRUDE OIL PHY             | LC                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 4,775                  | 14,720  | -67.6%                 | 0                      | 0     | 0.0%            | 0               | 80         | -100.0%                  | 120,264                  | 138,804   | -13.4%  |
| CRUDE OIL PHY             | LO                   | 0                    | 0     | 0.0%          | 1,245,652     | 1,676,040 | -0.26                  | 410,077                | 321,516 | 27.5%                  | 0                      | 0     | 0.0%            | 24,414,355      | 26,710,035 | -8.6%                    | 5,152,836                | 4,540,932 | 13.5%   |
| CRUDE OIL PHY             | LO1                  | 0                    | 0     | 0.0%          | 11,626        | 37,861    | -0.69                  | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 192,644         | 209,302    | -8.0%                    | 2,075                    | 875       | 137.1%  |
| CRUDE OIL PHY             | LO2                  | 0                    | 0     | 0.0%          | 7,299         | 26,576    | -0.73                  | 0                      | 50      | -100.0%                | 0                      | 0     | 0.0%            | 119,186         | 178,513    | -33.2%                   | 1,200                    | 600       | 100.0%  |
| CRUDE OIL PHY             | LO3                  | 0                    | 0     | 0.0%          | 5,794         | 25,349    | -0.77                  | 0                      | 50      | -100.0%                | 0                      | 0     | 0.0%            | 123,972         | 124,176    | -0.2%                    | 0                        | 750       | -100.0% |
| CRUDE OIL PHY             | LO4                  | 0                    | 0     | 0.0%          | 9,713         | 21,788    | -0.55                  | 0                      | 1,350   | -100.0%                | 0                      | 0     | 0.0%            | 194,276         | 205,496    | -5.5%                    | 826                      | 1,650     | -49.9%  |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator        | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG     | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG    | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG   | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG    |  |
|----------------------------|----------------------|----------------------|-------|---------------|---------------|-----------|------------------------|------------------------|----------|------------------------|------------------------|-------|-----------------|-----------------|---------|--------------------------|--------------------------|----------|--|
| <b>Energy Options</b>      |                      |                      |       |               |               |           |                        |                        |          |                        |                        |       |                 |                 |         |                          |                          |          |  |
| CRUDE OIL PHY              | LO5                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 59,518          | 69,059          | -13.8%  | 0                        | 700                      | -100.0%  |  |
| ELEC FINSETTLED            | PJN                  | 0                    | -     | -             | 0             | -         | 0                      | -                      | -        | 0                      | -                      | -     | 0               | -               | -       | 43                       | -                        | -        |  |
| ETHANOL                    | CE1                  | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%     |  |
| ETHANOL                    | CE3                  | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%     |  |
| ETHANOL SWAP               | CVR                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 2,865                  | -45.1%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 51,531                   | 121,721                  | -57.7%   |  |
| ETHANOL SWAP               | GVR                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 270                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 600                      | 1,050                    | -42.9%   |  |
| FREIGHT MARKETS            | TDT                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 1,800                    | -100.0%  |  |
| HEATING OIL CRK SPD AVG PR | 3W                   | 0                    | -     | -             | 0             | -         | 1,800                  | -                      | -        | 0                      | -                      | -     | 0               | -               | -       | 3,000                    | -                        | -        |  |
| HEATING OIL PHY            | LB                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 372                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 2               | -100.0% | 3,527                    | 2,372                    | 48.7%    |  |
| HEATING OIL PHY            | OH                   | 0                    | 0     | 0.0%          | 1,416         | 3,014     | -0.53                  | 5,275                  | -40.7%   | 0                      | 0                      | 0.0%  | 35,373          | 53,884          | -34.4%  | 118,356                  | 262,551                  | -54.9%   |  |
| HENRY HUB FINANCIAL LAST   | E7                   | 0                    | 0     | 0.0%          | 27            | 0         | 0                      | 5,448                  | -11.2%   | 0                      | 0                      | 0.0%  | 47              | 94              | -50.0%  | 82,288                   | 70,802                   | 16.2%    |  |
| HO 1 MONTH CLNDR OPTIONS   | FA                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 100                      | 2,550                    | -96.1%   |  |
| LLS CRUDE OIL              | WJO                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%     |  |
| LLS CRUDE OIL              | WTO                  | 0                    | -     | -             | 0             | -         | 0                      | -                      | -        | 0                      | -                      | -     | 0               | -               | -       | 1,400                    | -                        | -        |  |
| LLS CRUDE OIL              | YVO                  | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%     |  |
| MCCLOSKY ARA ARGS COAL     | MTO                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 2,856                  | 3,708.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 11,104                   | 555                      | 1,900.7% |  |
| MCCLOSKY RCH BAY COAL      | MFO                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 475                      | 1,125                    | -57.8%   |  |
| NATURAL GAS 1 M CSO FIN    | G4                   | 0                    | 0     | 0.0%          | 1,150         | 6,900     | -0.83                  | 35,200                 | -87.3%   | 0                      | 0                      | 0.0%  | 5,816           | 46,275          | -87.4%  | 1,120,142                | 1,152,030                | -2.8%    |  |
| NATURAL GAS 2 M CSO FIN    | G2                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 8,300                  | -17.8%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 27,950                   | 31,150                   | -10.3%   |  |
| NATURAL GAS 3 M CSO FIN    | G3                   | 0                    | 0     | 0.0%          | 350           | 0         | 0                      | 5,850                  | -75.1%   | 0                      | 0                      | 0.0%  | 5,177           | 0               | 0.0%    | 495,048                  | 251,925                  | 96.5%    |  |
| NATURAL GAS 5 M CSO FIN    | G5                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 1,000                  | 233.3%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 12,450                   | 6,400                    | 94.5%    |  |
| NATURAL GAS 6 M CSO FIN    | G6                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 600                    | -98.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 152,000                  | 136,025                  | 11.7%    |  |
| NATURAL GAS OPT            | TFO                  | 0                    | -     | -             | 0             | -         | 900                    | -                      | -        | 0                      | -                      | -     | 0               | -               | -       | 217,820                  | -                        | -        |  |
| NATURAL GAS OPTION ON CAL  | 6J                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 5,500                  | 129.2%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 38,580                   | 31,440                   | 22.7%    |  |
| NATURAL GAS PHY            | KD                   | 0                    | 0     | 0.0%          | 15            | 249       | -0.94                  | 2,475                  | 11.2%    | 0                      | 0                      | 0.0%  | 2,633           | 6,990           | -62.3%  | 40,220                   | 39,765                   | 1.1%     |  |
| NATURAL GAS PHY            | LN                   | 0                    | 0     | 0.0%          | 945,191       | 1,111,450 | -0.15                  | 1,241,812              | 89.8%    | 0                      | 0                      | 0.0%  | 14,372,516      | 11,157,630      | 28.8%   | 14,079,803               | 8,074,739                | 74.4%    |  |
| NATURAL GAS PHY            | ON                   | 0                    | 0     | 0.0%          | 78,150        | 176,343   | -0.56                  | 1,300                  | -65.5%   | 0                      | 0                      | 0.0%  | 1,435,351       | 1,541,972       | -6.9%   | 22,052                   | 39,281                   | -43.9%   |  |
| NATURAL GAS SUMMER STRIP   | 4D                   | 0                    | -     | -             | 0             | -         | 0                      | -                      | -        | 0                      | -                      | -     | 0               | -               | -       | 400                      | -                        | -        |  |
| NATURAL GAS WINTER STRIP   | 6I                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 600                      | 1,500                    | -60.0%   |  |
| N ROCKIES PIPE SWAP        | ZR                   | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 4,352                    | -100.0%  |  |
| NY HARBOR HEAT OIL SWP     | AT                   | 0                    | 0     | 0.0%          | 1             | 10        | -0.9                   | 1,395                  | 10.7%    | 0                      | 0                      | 0.0%  | 725             | 453             | 60.0%   | 18,549                   | 27,408                   | -32.3%   |  |
| NYISO ZONE G 5MW PEAK OPT  | 9U                   | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%     |  |
| PANHANDLE PIPE SWAP        | PU                   | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%     |  |
| PETROCHEMICALS             | 4H                   | 0                    | 0     | 0.0%          | 4             | 0         | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 15              | 41              | -63.4%  | 649                      | 4,831                    | -86.6%   |  |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

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|---------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|---------|--------------------------|--------------------------|---------|--|
| <b>Energy Options</b>     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |         |                          |                          |         |  |
| PETROCHEMICALS            | 4J                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 630                      | 200                      | 215.0%  |  |
| PETROCHEMICALS            | 4K                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 1,040                    | 560                      | 85.7%   |  |
| PETROCHEMICALS            | CPR                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 126                      | 40                       | 215.0%  |  |
| PETRO OUTRIGHT EURO       | 8H                   | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%    |  |
| PETRO OUTRIGHT EURO       | BCO                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 6                        | 36                       | -83.3%  |  |
| PETRO OUTRIGHT NA         | 1N5                  | 0                    | -     | -             | 0             | -     | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -       | 200                      | -                        | -       |  |
| PETRO OUTRIGHT NA         | DAP                  | 0                    | 0     | 0.0%          | 0             | 0     | 225                    | 120                    | 87.5%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 1,540                    | 660                      | 133.3%  |  |
| PJM WES HUB PEAK CAL MTH  | 6OA                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 200                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 770                      | 1,200                    | -35.8%  |  |
| PJM WES HUB PEAK CAL MTH  | JOA                  | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 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                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 836                      | -100.0% |  |
| RBOB 1MO CAL SPD OPTIONS  | ZA                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 150                      | -100.0% |  |
| RBOB CALENDAR SWAP        | RA                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 60                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 2,161                    | 636                      | 239.8%  |  |
| RBOB CRACK                | RX                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%    |  |
| RBOB PHY                  | OB                   | 0                    | 0     | 0.0%          | 1,853         | 1,499 | 2,441                  | 3,130                  | -22.0%  | 0                      | 0                      | 0.0%  | 31,690          | 39,029          | -18.8%  | 64,034                   | 114,490                  | -44.1%  |  |
| RBOB PHY                  | RF                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 3               | 6               | -50.0%  | 1,040                    | 1,618                    | -35.7%  |  |
| ROTTERDAM 3.5%FUEL OIL CL | Q6                   | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%    |  |
| SAN JUAN PIPE SWAP        | PJ                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 3,880                    | -100.0% |  |
| SHORT TERM                | C15                  | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%    |  |
| SHORT TERM                | U11                  | 0                    | 0     | 0.0%          | 0             | 0     | 100                    | 500                    | -80.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 250                      | 1,250                    | -80.0%  |  |
| SHORT TERM                | U12                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 50                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 600                      | 1,530                    | -60.8%  |  |
| SHORT TERM                | U13                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 1               | -100.0% | 600                      | 250                      | 140.0%  |  |
| SHORT TERM                | U14                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 200                      | 150                      | 33.3%   |  |
| SHORT TERM                | U15                  | 0                    | 0     | 0.0%          | 0             | 0     | 100                    | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 25              | -100.0% | 800                      | 1,650                    | -51.5%  |  |
| SHORT TERM                | U22                  | 0                    | 0     | 0.0%          | 0             | 0     | 100                    | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 1               | -100.0% | 100                      | 0                        | 0.0%    |  |
| SHORT TERM                | U23                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 17              | -100.0% | 150                      | 100                      | 50.0%   |  |
| SHORT TERM                | U24                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 50                       | 250                      | -80.0%  |  |
| SHORT TERM                | U25                  | -                    | 0     | 0.0%          | -             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%    |  |
| SHORT TERM                | U26                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 100                      | -100.0% |  |
| SHORT TERM NATURAL GAS    | U01                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 25              | -100.0% | 500                      | 625                      | -20.0%  |  |
| SHORT TERM NATURAL GAS    | U02                  | 0                    | 0     | 0.0%          | 0             | 0     | 150                    | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 700                      | 675                      | 3.7%    |  |
| SHORT TERM NATURAL GAS    | U03                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 4               | -100.0% | 650                      | 700                      | -7.1%   |  |
| SHORT TERM NATURAL GAS    | U04                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 400                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 1,350                    | 1,400                    | -3.6%   |  |
| SHORT TERM NATURAL GAS    | U05                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 375                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 350                      | 625                      | -44.0%  |  |
| SHORT TERM NATURAL GAS    | U06                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 100                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 5               | -100.0% | 150                      | 600                      | -75.0%  |  |

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator         | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG  | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG   | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG   |        |
|-----------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|--------|------------------------|------------------------|-------|-----------------|-----------------|---------|--------------------------|--------------------------|---------|--------|
| <b>Energy Options</b>       |                      |                      |       |               |               |       |                        |                        |        |                        |                        |       |                 |                 |         |                          |                          |         |        |
| SHORT TERM NATURAL GAS      | U07                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 4               | -100.0% | 600                      | 750                      | -20.0%  |        |
| SHORT TERM NATURAL GAS      | U08                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 400                      | 2,650                    | -84.9%  |        |
| SHORT TERM NATURAL GAS      | U09                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 50                     | 100    | -50.0%                 | 0                      | 0     | 0.0%            | 0               | 0       | 0.0%                     | 300                      | 800     | -62.5% |
| SHORT TERM NATURAL GAS      | U10                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%    | 450                      | 1,150                    | -60.9%  |        |
| SHORT TERM NATURAL GAS      | U16                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%    | 300                      | 250                      | 20.0%   |        |
| SHORT TERM NATURAL GAS      | U17                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%    | 375                      | 450                      | -16.7%  |        |
| SHORT TERM NATURAL GAS      | U18                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 25      | -100.0%                  | 200                      | 300     | -33.3% |
| SHORT TERM NATURAL GAS      | U19                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%    | 325                      | 200                      | 62.5%   |        |
| SHORT TERM NATURAL GAS      | U20                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%    | 300                      | 500                      | -40.0%  |        |
| SHORT TERM NATURAL GAS      | U21                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%    | 200                      | 50                       | 300.0%  |        |
| SHORT TERM NATURAL GAS      | U27                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%    | 1,150                    | 0                        | 0.0%    |        |
| SHORT TERM NATURAL GAS      | U28                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 25      | -100.0%                  | 600                      | 400     | 50.0%  |
| SHORT TERM NATURAL GAS      | U29                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%    | 950                      | 150                      | 533.3%  |        |
| SHORT TERM NATURAL GAS      | U30                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 200    | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0.0%    | 1,075                    | 800                      | 34.4%   |        |
| SHORT TERM NATURAL GAS      | U31                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0      | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0.0%    | 150                      | 1,400                    | -89.3%  |        |
| SINGAPORE GASOIL CALENDAR   | M2                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0.0%    | -                        | 0                        | 0.0%    |        |
| SINGAPORE JET FUEL CALENDAR | N2                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0      | 0.0%                   | -                      | 0     | 0.0%            | -               | 0.0%    | -                        | 0                        | 0.0%    |        |
| WTI-BRENT BULLET SWAP       | BV                   | 0                    | 0     | 0.0%          | 0             | 1,750 | -1                     | 23,150                 | 17,075 | 35.6%                  | 0                      | 0     | 0.0%            | 17,102          | 40,855  | -58.1%                   | 514,230                  | 543,475 | -5.4%  |
| WTI CRUDE OIL 1 M CSO FI    | 7A                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 18,800                 | 29,740 | -36.8%                 | 0                      | 0     | 0.0%            | 1,200           | 8,600   | -86.0%                   | 1,017,470                | 587,660 | 73.1%  |

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator         | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG | ELEC DEC 2020 | ELEC DEC 2019 | % CHG     | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG   | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG | ELEC Y.T.D 2020 | ELEC Y.T.D 2019 | % CHG      | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG     |         |
|-----------------------------|----------------------|----------------------|-------|---------------|---------------|-----------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|------------|--------------------------|--------------------------|-----------|---------|
| <b>Metals Futures</b>       |                      |                      |       |               |               |           |                        |                        |         |                        |                        |       |                 |                 |            |                          |                          |           |         |
| COMEX GOLD                  | GC                   | 0                    | 0     | 0.0%          | 3,973,811     | 5,222,845 | -0.24                  | 61,604                 | 171,354 | -64.0%                 | 0                      | 0     | 0.0%            | 76,003,612      | 83,862,556 | -9.4%                    | 2,123,919                | 2,646,185 | -19.7%  |
| NYMEX HOT ROLLED STEEL      | HR                   | 0                    | 0     | 0.0%          | 3,638         | 2,716     | 0.34                   | 13,263                 | 6,377   | 108.0%                 | 0                      | 0     | 0.0%            | 52,596          | 36,035     | 46.0%                    | 167,810                  | 137,721   | 21.8%   |
| NYMEX PLATINUM              | PL                   | 0                    | 0     | 0.0%          | 452,807       | 571,718   | -0.21                  | 13,273                 | 16,479  | -19.5%                 | 0                      | 0     | 0.0%            | 4,406,372       | 5,669,754  | -22.3%                   | 171,159                  | 192,536   | -11.1%  |
| PALLADIUM                   | PA                   | 0                    | 0     | 0.0%          | 29,691        | 80,975    | -0.63                  | 2,260                  | 2,074   | 9.0%                   | 0                      | 0     | 0.0%            | 650,795         | 1,226,858  | -47.0%                   | 36,992                   | 39,843    | -7.2%   |
| URANIUM                     | UX                   | 0                    | 0     | 0.0%          | 0             | 20        | -1                     | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 55              | 432        | -87.3%                   | 1,800                    | 10,189    | -82.3%  |
| COMEX SILVER                | SI                   | 0                    | 0     | 0.0%          | 1,664,102     | 1,505,213 | 0.11                   | 17,918                 | 37,513  | -52.2%                 | 0                      | 0     | 0.0%            | 25,671,554      | 23,598,917 | 8.8%                     | 455,217                  | 550,231   | -17.3%  |
| COMEX E-Mini GOLD           | QO                   | 0                    | 0     | 0.0%          | 24,464        | 15,678    | 0.56                   | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 386,925         | 241,481    | 60.2%                    | 0                        | 0         | 0.0%    |
| COMEX E-Mini SILVER         | QI                   | 0                    | 0     | 0.0%          | 6,393         | 2,021     | 2.16                   | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 106,315         | 49,552     | 114.6%                   | 0                        | 0         | 0.0%    |
| COMEX COPPER                | HG                   | 0                    | 0     | 0.0%          | 1,536,999     | 1,651,846 | -0.07                  | 14,709                 | 13,872  | 6.0%                   | 0                      | 0     | 0.0%            | 24,129,577      | 23,828,982 | 1.3%                     | 188,195                  | 179,878   | 4.6%    |
| COMEX MINY COPPER           | QC                   | 0                    | 0     | 0.0%          | 1,956         | 320       | 5.11                   | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 13,863          | 7,449      | 86.1%                    | 0                        | 0         | 0.0%    |
| ALUMINUM                    | A38                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 0                        | 22        | -100.0% |
| ALUMINUM                    | AEP                  | 0                    | 0     | 0.0%          | 0             | 470       | -1                     | 1,094                  | 1,815   | -39.7%                 | 0                      | 0     | 0.0%            | 157             | 645        | -75.7%                   | 37,752                   | 30,975    | 21.9%   |
| ALUMINUM                    | ALA                  | 0                    | 0     | 0.0%          | 0             | 20        | -1                     | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 70              | 20         | 250.0%                   | 1,739                    | 1,162     | 49.7%   |
| ALUMINUM                    | ALI                  | 0                    | 0     | 0.0%          | 2,257         | 2,693     | -0.16                  | 0                      | 28      | -100.0%                | 0                      | 0     | 0.0%            | 42,673          | 15,501     | 175.3%                   | 674                      | 158       | 326.6%  |
| ALUMINUM                    | AUP                  | 0                    | 0     | 0.0%          | 450           | 1,191     | -0.62                  | 4,106                  | 6,124   | -33.0%                 | 0                      | 0     | 0.0%            | 5,954           | 8,050      | -26.0%                   | 102,679                  | 73,708    | 39.3%   |
| ALUMINUM                    | CUP                  | 0                    | 0     | 0.0%          | 0             | 300       | -1                     | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 50              | 300        | -83.3%                   | 0                        | 0         | 0.0%    |
| ALUMINUM                    | EDP                  | 0                    | 0     | 0.0%          | 60            | 0         | 0                      | 970                    | 1,083   | -10.4%                 | 0                      | 0     | 0.0%            | 563             | 72         | 681.9%                   | 40,468                   | 27,343    | 48.0%   |
| ALUMINUM                    | MJP                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 720                    | 1,050   | -31.4%                 | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 11,870                   | 11,560    | 2.7%    |
| COBALT METAL FUTURES        | COB                  | 0                    | -     | -             | 3             | -         | 0                      | 0                      | -       | -                      | 0                      | -     | 3               | -               | -          | 0                        | 0                        | -         |         |
| COPPER                      | HGS                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 2,362                  | 1,244   | 89.9%                  | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 35,352                   | 11,165    | 216.6%  |
| FERROUS PRODUCTS            | BUS                  | 0                    | 0     | 0.0%          | 1,372         | 356       | 2.85                   | 1,660                  | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 14,063          | 5,375      | 161.6%                   | 12,385                   | 7,078     | 75.0%   |
| GOLD                        | 4GC                  | 0                    | -     | -             | 44            | -         | 0                      | -                      | -       | -                      | 0                      | -     | 778             | -               | -          | 0                        | -                        | -         |         |
| GOLD                        | SGC                  | 0                    | 0     | 0.0%          | 281           | 827       | -0.66                  | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 18,352          | 14,828     | 23.8%                    | 0                        | 0         | 0.0%    |
| GOLD                        | SGU                  | 0                    | 0     | 0.0%          | 2,260         | 6,541     | -0.65                  | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 60,730          | 27,891     | 117.7%                   | 0                        | 0         | 0.0%    |
| Gold Kilo                   | GCK                  | -                    | 0     | 0.0%          | -             | 0         | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0          | 0.0%                     | -                        | 0         | 0.0%    |
| HOT ROLLED COIL STEEL FUTL  | EHR                  | 0                    | -     | -             | 88            | -         | 650                    | -                      | -       | -                      | 0                      | -     | 754             | -               | -          | 5,746                    | -                        | -         |         |
| IRON ORE 62 CHINA PLATTS FL | PIO                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0          | 0.0%                     | 0                        | 0         | 0.0%    |
| IRON ORE 62 CHINA TSI FUTUR | TIO                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 1,566   | -100.0%                | 0                      | 0     | 0.0%            | 209             | 28         | 646.4%                   | 14,289                   | 54,102    | -73.6%  |
| IRON ORE CHINA              | TIO                  | 0                    | -     | -             | 0             | -         | 1,718                  | -                      | -       | -                      | 0                      | -     | 0               | -               | -          | 8,553                    | -                        | -         |         |
| LNDN ZINC                   | ZNC                  | 0                    | 0     | 0.0%          | 0             | 0         | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 1,230      | -100.0%                  | 0                        | 0         | 0.0%    |
| METALS                      | HDG                  | 0                    | -     | -             | 0             | -         | 150                    | -                      | -       | -                      | 0                      | -     | 0               | -               | -          | 180                      | -                        | -         |         |
| MICRO GOLD                  | MGC                  | 0                    | 0     | 0.0%          | 1,599,830     | 512,931   | 2.12                   | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 21,783,469      | 5,707,849  | 281.6%                   | 0                        | 0         | 0.0%    |
| SILVER                      | SIL                  | 0                    | 0     | 0.0%          | 302,609       | 27,758    | 9.9                    | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 2,449,936       | 354,422    | 591.2%                   | 0                        | 0         | 0.0%    |



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator          | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG       | ELEC DEC 2020     | ELEC DEC 2019     | % CHG        | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG         | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG       | ELEC Y.T.D 2020    | ELEC Y.T.D 2019    | % CHG       | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG        |  |
|------------------------------|----------------------|----------------------|-------------|-------------------|-------------------|--------------|------------------------|------------------------|---------------|------------------------|------------------------|-------------|--------------------|--------------------|-------------|--------------------------|--------------------------|--------------|--|
| <b>Metals Options</b>        |                      |                      |             |                   |                   |              |                        |                        |               |                        |                        |             |                    |                    |             |                          |                          |              |  |
| ALUMINUM                     | ALO                  | 0                    | -           | 0                 | -                 | -            | 0                      | -                      | -             | 0                      | -                      | -           | 0                  | -                  | -           | 150                      | -                        | -            |  |
| COMEX COPPER                 | HX                   | 0                    | 0.0%        | 15,084            | 45,388            | -0.67        | 8,034                  | 8,262                  | -2.8%         | 0                      | 0                      | 0.0%        | 277,992            | 517,205            | -46.3%      | 150,132                  | 187,601                  | -20.0%       |  |
| COMEX GOLD                   | OG                   | 0                    | 0.0%        | 504,996           | 635,173           | -0.2         | 87,180                 | 222,091                | -60.7%        | 0                      | 0                      | 0.0%        | 10,285,717         | 11,602,169         | -11.3%      | 2,927,639                | 3,441,780                | -14.9%       |  |
| COMEX SILVER                 | SO                   | 0                    | 0.0%        | 114,662           | 145,993           | -0.21        | 2,580                  | 13,884                 | -81.4%        | 0                      | 0                      | 0.0%        | 1,998,599          | 1,980,570          | 0.9%        | 215,359                  | 227,667                  | -5.4%        |  |
| COPPER                       | H1E                  | 0                    | 0.0%        | 0                 | 120               | -1           | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 683                | 764                | -10.6%      | 400                      | 0                        | 0.0%         |  |
| COPPER                       | H2E                  | 0                    | 0.0%        | 0                 | 128               | -1           | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 692                | 941                | -26.5%      | 0                        | 125                      | -100.0%      |  |
| COPPER                       | H3E                  | 0                    | 0.0%        | 0                 | 111               | -1           | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 242                | 1,133              | -78.6%      | 500                      | 0                        | 0.0%         |  |
| COPPER                       | H4E                  | 0                    | 0.0%        | 0                 | 1                 | -1           | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 370                | 211                | 75.4%       | 0                        | 150                      | -100.0%      |  |
| COPPER                       | H5E                  | 0                    | 0.0%        | 0                 | 0                 | 0            | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 692                | 603                | 14.8%       | 0                        | 0                        | 0.0%         |  |
| GOLD                         | OG1                  | 0                    | 0.0%        | 37,624            | 38,782            | -0.03        | 500                    | 1,850                  | -73.0%        | 0                      | 0                      | 0.0%        | 408,861            | 459,939            | -11.1%      | 18,712                   | 33,430                   | -44.0%       |  |
| GOLD                         | OG2                  | 0                    | 0.0%        | 37,939            | 43,841            | -0.13        | 2,708                  | 1,850                  | 46.4%         | 0                      | 0                      | 0.0%        | 442,448            | 429,322            | 3.1%        | 26,063                   | 31,607                   | -17.5%       |  |
| GOLD                         | OG3                  | 0                    | 0.0%        | 33,983            | 44,303            | -0.23        | 3,063                  | 1,975                  | 55.1%         | 0                      | 0                      | 0.0%        | 370,400            | 368,376            | 0.5%        | 22,155                   | 20,854                   | 6.2%         |  |
| GOLD                         | OG4                  | 0                    | 0.0%        | 20,701            | 17,206            | 0.2          | 750                    | 300                    | 150.0%        | 0                      | 0                      | 0.0%        | 321,197            | 233,860            | 37.3%       | 8,100                    | 9,375                    | -13.6%       |  |
| GOLD                         | OG5                  | 0                    | 0.0%        | 0                 | 0                 | 0            | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 117,447            | 80,172             | 46.5%       | 7,315                    | 3,275                    | 123.4%       |  |
| HOT ROLLED COIL STEEL CALL   | HRO                  | 0                    | 0.0%        | 0                 | 0                 | 0            | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 0                  | 0                  | 0.0%        | 75                       | 1,050                    | -92.9%       |  |
| HOT ROLLED COIL STEEL PUT    | HRO                  | 0                    | 0.0%        | 0                 | 0                 | 0            | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 0                  | 0                  | 0.0%        | 0                        | 150                      | -100.0%      |  |
| IRON ORE 62 CHINA TSI CALL C | ICT                  | 0                    | 0.0%        | 0                 | 0                 | 0            | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 0                  | 0                  | 0.0%        | 3,740                    | 6,830                    | -45.2%       |  |
| IRON ORE 62 CHINA TSI PUT O  | ICT                  | 0                    | 0.0%        | 0                 | 0                 | 0            | 0                      | 30                     | -100.0%       | 0                      | 0                      | 0.0%        | 0                  | 0                  | 0.0%        | 6,349                    | 3,630                    | 74.9%        |  |
| IRON ORE CHINA               | ICT                  | 0                    | -           | 0                 | -                 | -            | 120                    | -                      | -             | 0                      | -                      | -           | 0                  | -                  | -           | 500                      | -                        | -            |  |
| NYMEX HOT ROLLED STEEL       | HRO                  | 0                    | -           | 0                 | -                 | -            | 300                    | -                      | -             | 0                      | -                      | -           | 0                  | -                  | -           | 1,275                    | -                        | -            |  |
| NYMEX PLATINUM               | PO                   | 0                    | 0.0%        | 1,268             | 952               | 0.33         | 300                    | 3,200                  | -90.6%        | 0                      | 0                      | 0.0%        | 6,916              | 15,971             | -56.7%      | 21,431                   | 25,441                   | -15.8%       |  |
| PALLADIUM                    | PAO                  | 0                    | 0.0%        | 27                | 464               | -0.94        | 60                     | 175                    | -65.7%        | 0                      | 0                      | 0.0%        | 1,479              | 6,998              | -78.9%      | 5,490                    | 7,319                    | -25.0%       |  |
| SILVER                       | SO1                  | 0                    | 0.0%        | 1,402             | 5,200             | -0.73        | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 26,960             | 25,639             | 5.2%        | 1,465                    | 1,325                    | 10.6%        |  |
| SILVER                       | SO2                  | 0                    | 0.0%        | 1,225             | 6,107             | -0.8         | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 26,041             | 25,564             | 1.9%        | 405                      | 1,400                    | -71.1%       |  |
| SILVER                       | SO3                  | 0                    | 0.0%        | 2,284             | 1,642             | 0.39         | 311                    | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 22,344             | 19,087             | 17.1%       | 1,850                    | 615                      | 200.8%       |  |
| SILVER                       | SO4                  | 0                    | 0.0%        | 1,155             | 1,168             | -0.01        | 0                      | 604                    | -100.0%       | 0                      | 0                      | 0.0%        | 16,611             | 8,155              | 103.7%      | 450                      | 704                      | -36.1%       |  |
| SILVER                       | SO5                  | 0                    | 0.0%        | 0                 | 0                 | 0            | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 7,466              | 5,419              | 37.8%       | 78                       | 0                        | 0.0%         |  |
| <b>TOTAL FUTURES GROUP</b>   |                      |                      |             |                   |                   |              |                        |                        |               |                        |                        |             |                    |                    |             |                          |                          |              |  |
| Ag Products Futures          |                      | 0                    | 0.0%        | 2                 | 1                 | 100.0%       | 0                      | 0                      | 0.0%          | 0                      | 0                      | 0.0%        | 71                 | 59                 | 20.3%       | 0                        | 0                        | 0.0%         |  |
| Energy Futures               |                      | 0                    | 0.0%        | 32,780,701        | 37,164,524        | -11.8%       | 1,882,103              | 2,102,353              | -10.5%        | 0                      | 0                      | 0.0%        | 510,213,532        | 507,195,550        | 0.6%        | 27,144,757               | 29,895,919               | -9.2%        |  |
| Metals Futures               |                      | 0                    | 0.0%        | 9,603,115         | 9,606,439         | 0.0%         | 136,457                | 260,579                | -47.6%        | 0                      | 0                      | 0.0%        | 155,799,425        | 144,658,227        | 7.7%        | 3,416,779                | 3,973,856                | -14.0%       |  |
| <b>TOTAL FUTURES</b>         |                      | <b>0</b>             | <b>0.0%</b> | <b>42,383,818</b> | <b>46,770,964</b> | <b>-9.4%</b> | <b>2,018,560</b>       | <b>2,362,932</b>       | <b>-14.6%</b> | <b>0</b>               | <b>0</b>               | <b>0.0%</b> | <b>666,013,028</b> | <b>651,853,836</b> | <b>2.2%</b> | <b>30,561,536</b>        | <b>33,869,775</b>        | <b>-9.8%</b> |  |

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### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator        | Open Outcry DEC 2020 | Open Outcry DEC 2019 | % CHG       | ELEC DEC 2020     | ELEC DEC 2019     | % CHG         | CME ClearPort DEC 2020 | CME ClearPort DEC 2019 | % CHG        | Open Outcry Y.T.D 2020 | Open Outcry Y.T.D 2019 | % CHG       | ELEC Y.T.D 2020    | ELEC Y.T.D 2019    | % CHG        | CME ClearPort Y.T.D 2020 | CME ClearPort Y.T.D 2019 | % CHG        |
|----------------------------|----------------------|----------------------|-------------|-------------------|-------------------|---------------|------------------------|------------------------|--------------|------------------------|------------------------|-------------|--------------------|--------------------|--------------|--------------------------|--------------------------|--------------|
| <b>TOTAL OPTIONS GROUP</b> |                      |                      |             |                   |                   |               |                        |                        |              |                        |                        |             |                    |                    |              |                          |                          |              |
| Energy Options             | 0                    | 0                    | 0.0%        | 2,322,422         | 3,118,381         | -25.5%        | 2,014,283              | 1,660,994              | 21.3%        | 0                      | 0                      | 0.0%        | 41,265,616         | 41,199,561         | 0.2%         | 27,059,799               | 20,024,281               | 35.1%        |
| Metals Options             | 0                    | 0                    | 0.0%        | 772,350           | 986,579           | -21.7%        | 105,906                | 254,221                | -58.3%       | 0                      | 0                      | 0.0%        | 14,333,157         | 15,782,098         | -9.2%        | 3,419,633                | 4,004,328                | -14.6%       |
| <b>TOTAL OPTIONS</b>       | <b>0</b>             | <b>0</b>             | <b>0.0%</b> | <b>3,094,772</b>  | <b>4,104,960</b>  | <b>-24.6%</b> | <b>2,120,189</b>       | <b>1,915,215</b>       | <b>10.7%</b> | <b>0</b>               | <b>0</b>               | <b>0.0%</b> | <b>55,598,773</b>  | <b>56,981,659</b>  | <b>-2.4%</b> | <b>30,479,432</b>        | <b>24,028,609</b>        | <b>26.8%</b> |
| <b>TOTAL COMBINED</b>      |                      |                      |             |                   |                   |               |                        |                        |              |                        |                        |             |                    |                    |              |                          |                          |              |
| Ag Products                | 0                    | 0                    | 0.0%        | 2                 | 1                 | 100.0%        | 0                      | 0                      | 0.0%         | 0                      | 0                      | 0.0%        | 71                 | 59                 | 20.3%        | 0                        | 0                        | 0.0%         |
| Energy                     | 0                    | 0                    | 0.0%        | 35,103,123        | 40,282,905        | -12.9%        | 3,896,386              | 3,763,347              | 3.5%         | 0                      | 0                      | 0.0%        | 551,479,148        | 548,395,111        | 0.6%         | 54,204,556               | 49,920,200               | 8.6%         |
| Metals                     | 0                    | 0                    | 0.0%        | 10,375,465        | 10,593,018        | -2.1%         | 242,363                | 514,800                | -52.9%       | 0                      | 0                      | 0.0%        | 170,132,582        | 160,440,325        | 6.0%         | 6,836,412                | 7,978,184                | -14.3%       |
| <b>GRAND TOTAL</b>         | <b>0</b>             | <b>0</b>             | <b>0.0%</b> | <b>45,478,590</b> | <b>50,875,924</b> | <b>-10.6%</b> | <b>4,138,749</b>       | <b>4,278,147</b>       | <b>-3.3%</b> | <b>0</b>               | <b>0</b>               | <b>0.0%</b> | <b>721,611,801</b> | <b>708,835,495</b> | <b>1.8%</b>  | <b>61,040,968</b>        | <b>57,898,384</b>        | <b>5.4%</b>  |

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