

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

|                     | Commodity Indicator | Open Outcry APR 2018 | Open Outcry APR 2017 | % CHG | ELEC APR 2018 | ELEC APR 2017 | % CHG | CME ClearPort APR 2018 | CME ClearPort APR 2017 | % CHG  | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG   | CME ClearPort Y.T.D 2018 | CME ClearPort Y.T.D 2017 | % CHG   |
|---------------------|---------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|--------|------------------------|------------------------|-------|-----------------|-----------------|---------|--------------------------|--------------------------|---------|
| Ag Products Futures |                     |                      |                      |       |               |               |       |                        |                        |        |                        |                        |       |                 |                 |         |                          |                          |         |
|                     | CJ                  | 0                    | 0                    | 0.0%  | 5             | 3             | 0.67  | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 5               | 53              | -90.6%  | 0                        | 0                        | 0.0%    |
|                     | KT                  | 0                    | 0                    | 0.0%  | 0             | 20            | -1    | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 20              | -100.0% | 0                        | 0                        | 0.0%    |
|                     | TT                  | 0                    | 0                    | 0.0%  | 0             | 1             | -1    | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 2               | 4               | -50.0%  | 0                        | 0                        | 0.0%    |
|                     | YO                  | 0                    | 0                    | 0.0%  | 58            | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 58              | 18              | 222.2%  | 0                        | 0                        | 0.0%    |
| Energy Futures      |                     |                      |                      |       |               |               |       |                        |                        |        |                        |                        |       |                 |                 |         |                          |                          |         |
|                     | CL                  | 0                    | 0                    | 0.0%  | 27,549,926    | 20,732,464    | 0.33  | 427,187                | 492,928                | -13.3% | 0                      | 0                      | 0.0%  | 106,326,542     | 88,404,403      | 20.3%   | 1,941,577                | 2,192,293                | -11.4%  |
|                     | WS                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 89              | 200             | -55.5%  | 4,250                    | 27,723                   | -84.7%  |
|                     | QM                  | 0                    | 0                    | 0.0%  | 353,922       | 190,045       | 0.86  | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 1,187,255       | 915,347         | 29.7%   | 0                        | 0                        | 0.0%    |
|                     | BZ                  | 0                    | 0                    | 0.0%  | 1,926,080     | 1,813,407     | 0.06  | 42,344                 | 26,352                 | 60.7%  | 0                      | 0                      | 0.0%  | 6,689,842       | 7,703,885       | -13.2%  | 164,880                  | 90,674                   | 81.8%   |
|                     | HO                  | 0                    | 0                    | 0.0%  | 3,888,124     | 2,868,583     | 0.36  | 178,208                | 223,155                | -20.1% | 0                      | 0                      | 0.0%  | 15,347,066      | 12,244,380      | 25.3%   | 803,896                  | 999,999                  | -19.6%  |
|                     | BH                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 48                     | 48                     | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 48                       | 48                       | 0.0%    |
|                     | QH                  | 0                    | 0                    | 0.0%  | 3             | 1             | 2     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 13              | 11              | 18.2%   | 0                        | 0                        | 0.0%    |
|                     | RB                  | 0                    | 0                    | 0.0%  | 3,861,657     | 3,419,759     | 0.13  | 205,700                | 301,870                | -31.9% | 0                      | 0                      | 0.0%  | 15,274,854      | 15,149,316      | 0.8%    | 890,939                  | 1,134,804                | -21.5%  |
|                     | QU                  | 0                    | 0                    | 0.0%  | 3             | 3             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 12              | 20              | -40.0%  | 0                        | 0                        | 0.0%    |
|                     | HP                  | 0                    | 0                    | 0.0%  | 45,335        | 30,910        | 0.47  | 51,597                 | 96,860                 | -46.7% | 0                      | 0                      | 0.0%  | 266,702         | 116,410         | 129.1%  | 324,200                  | 484,470                  | -33.1%  |
|                     | HH                  | 0                    | 0                    | 0.0%  | 156,924       | 74,213        | 1.11  | 106,882                | 155,701                | -31.4% | 0                      | 0                      | 0.0%  | 932,269         | 416,520         | 123.8%  | 564,859                  | 740,443                  | -23.7%  |
|                     | QG                  | 0                    | 0                    | 0.0%  | 17,849        | 20,689        | -0.14 | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 132,954         | 125,238         | 6.2%    | 24                       | 0                        | 0.0%    |
|                     | JM                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 120                      | -100.0% |
|                     | NG                  | 0                    | 0                    | 0.0%  | 8,153,778     | 7,658,386     | 0.06  | 255,425                | 252,800                | 1.0%   | 0                      | 0                      | 0.0%  | 37,069,408      | 33,315,665      | 11.3%   | 1,270,052                | 1,227,469                | 3.5%    |
|                     | RT                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 2,128                  | 1,598                  | 33.2%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 13,328                   | 6,658                    | 100.2%  |
|                     | 7D                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 48                     | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 397                      | 847                      | -53.1%  |
|                     | 8D                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 90                     | 50                     | 80.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 90                       | 170                      | -47.1%  |
|                     | VD                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%    |
|                     | VM                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%    |
|                     | VP                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%    |
|                     | N7                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%    |
|                     | B4                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%    |
|                     | ND                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%    |
|                     | NE                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%    |
|                     | QL                  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%   | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%    |

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|----------------|---------------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|---------|---------|
| Energy Futures |                           |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |       |                          |                          |         |         |
|                | ARGUS LLS VS. WTI (ARG) T | E5                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 20,000                 | 7,270   | 175.1%                 | 0                      | 0     | 0.0%            | 30              | 0     | 0.0%                     | 109,385                  | 29,415  | 271.9%  |
|                | ARGUS PROPAN FAR EST INDE | 7E                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 7,863                  | 1,108   | 609.7%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 28,003                   | 5,470   | 411.9%  |
|                | ARGUS PROPAN(SAUDI ARAMC  | 9N                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 3,575                  | 855     | 318.1%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 11,554                   | 4,217   | 174.0%  |
|                | AUSTRIALIAN COKE COAL     | ACT                  | 0                    | -     | -             | 0             | -     |                        | 0                      | -       | -                      | 0                      | -     | -               | 0               | -     | -                        | 0                        | -       | -       |
|                | AUSTRIALIAN COKE COAL     | ALW                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 97      | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 916     | -100.0% |
|                | BRENT BALMO SWAP          | J9                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 113     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 50                       | 138     | -63.8%  |
|                | BRENT CALENDAR SWAP       | CY                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 4,548                  | 1,018   | 346.8%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 7,550                    | 11,567  | -34.7%  |
|                | BRENT CFD SWAP            | 6W                   | 0                    | -     | -             | 0             | -     |                        | 0                      | -       | -                      | 0                      | -     | -               | 0               | -     | -                        | 300                      | -       | -       |
|                | BRENT FINANCIAL FUTURES   | BB                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 74      | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 10,500                   | 11,356  | -7.5%   |
|                | BRENT FINANCIAL FUTURES   | MBC                  | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
|                | BRENT FINANCIAL FUTURES   | MDB                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 144                    | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 144                      | 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%    |
|                | CAISO SP15 EZGNHUB5 MW P  | 9X                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 7,940   | -100.0% |
|                | CAISO SP15 EZGNHUB5 PEAK  | 9Z                   | 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                      | 294     | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 2,559   | -100.0% |
|                | CENTERPOINT BASIS SWAP    | PW                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 36                       | 534     | -93.3%  |
|                | CENTERPOINT EAST INDEX    | II                   | -                    | 0     | 0.0%          | -             | 0     | 0                      | -                      | 0       | 0.0%                   | -                      | 0     | 0.0%            | -               | 0     | 0.0%                     | -                        | 0       | 0.0%    |
|                | CEU ENERGY                | DEB                  | 0                    | -     | -             | 204           | -     |                        | 0                      | -       | -                      | 0                      | -     | -               | 2,076           | -     | -                        | 0                        | -       | -       |
|                | CEU ENERGY                | TTF                  | 0                    | -     | -             | 1,015         | -     |                        | 0                      | -       | -                      | 0                      | -     | -               | 3,410           | -     | -                        | 10                       | -       | -       |
|                | CEU ENERGY                | UKG                  | 0                    | -     | -             | 5,215         | -     |                        | 0                      | -       | -                      | 0                      | -     | -               | 14,930          | -     | -                        | 0                        | -       | -       |
|                | CHICAGO ETHANOL SWAP      | CU                   | 0                    | 0     | 0.0%          | 246           | 165   | 0.49                   | 105,721                | 107,761 | -1.9%                  | 0                      | 0     | 0.0%            | 1,006           | 1,082 | -7.0%                    | 435,956                  | 496,681 | -12.2%  |
|                | CHICAGO ULSD (PLATTS) SWA | 4C                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 0       | 0.0%    |
|                | CHICAGO ULSD PL VS HO SPR | 5C                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 78                     | 101     | -22.8%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 1,152                    | 782     | 47.3%   |
|                | CHICAGO UNL GAS PL VS RBO | 3C                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 525                      | 0       | 0.0%    |
|                | CIG BASIS                 | CI                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 56                     | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 196                      | 186     | 5.4%    |
|                | CIG ROCKIES NG INDEX SWA  | Z8                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 0       | 0.0%                   | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 720     | -100.0% |
|                | 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                      | 45,440  | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 182,680 | -100.0% |
|                | CIN HUB 5MW D AH PK       | H5                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 1,100                  | 4,440   | -75.2%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 4,604                    | 10,105  | -54.4%  |
|                | CIN HUB 5MW REAL TIME O P | H4                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 91,160  | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 226,200 | -100.0% |
|                | CIN HUB 5MW REAL TIME PK  | H3                   | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 0                      | 5,500   | -100.0%                | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 0                        | 20,000  | -100.0% |
|                | COAL SWAP                 | ACM                  | 0                    | 0     | 0.0%          | 0             | 0     | 0                      | 35                     | 245     | -85.7%                 | 0                      | 0     | 0.0%            | 0               | 0     | 0.0%                     | 185                      | 910     | -79.7%  |

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|---------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|--------|--------------------------|--------------------------|---------|
| Energy Futures            |     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |        |                          |                          |         |
| COAL SWAP                 | SSI | 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                        | 0                        | 0.0%    |
| COLUMBIA GULF MAIN NAT G  | L2  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%    |
| COLUMBIA GULF ONSHORE     | GL  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%    |
| CONWAY NATURAL GASOLINE   | 8L  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 48                     | 203                    | -76.4%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 548                      | 1,054                    | -48.0%  |
| CONWAY NORMAL BUTANE (O   | 8M  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 150                    | 840                    | -82.1%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 340                      | 3,269                    | -89.6%  |
| CONWAY PROPANE 5 DECIMAL  | 8K  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 15,943                 | 6,317                  | 152.4%  | 0                      | 0                      | 0.0%  | 6               | 19              | -68.4% | 62,570                   | 32,675                   | 91.5%   |
| CRUDE OIL                 | CHB | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%    |
| CRUDE OIL                 | LPS | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 4,530                  | 3,350                  | 35.2%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 19,455                   | 14,270                   | 36.3%   |
| CRUDE OIL OUTRIGHTS       | 37  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%    |
| CRUDE OIL OUTRIGHTS       | 42  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 367                    | 3,007                  | -87.8%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 906                      | 3,532                    | -74.3%  |
| CRUDE OIL OUTRIGHTS       | CC5 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 150                      | -100.0% |
| CRUDE OIL OUTRIGHTS       | CPD | 0                    | -                    | -     | 0             | -             |       | 100                    | -                      | -       | 0                      | -                      | -     | 0               | -               | -      | 2,956                    | -                        | -       |
| CRUDE OIL OUTRIGHTS       | CSN | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 30                       | -100.0% |
| CRUDE OIL OUTRIGHTS       | CSW | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 375                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 5                        | 880                      | -99.4%  |
| CRUDE OIL OUTRIGHTS       | DBL | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 16                     | 100                    | -84.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 40                       | 600                      | -93.3%  |
| CRUDE OIL OUTRIGHTS       | FE  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 100                      | -100.0% |
| CRUDE OIL OUTRIGHTS       | GSW | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 105                      | 110                      | -4.5%   |
| CRUDE OIL OUTRIGHTS       | HTT | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 41,900                 | 11,775                 | 255.8%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 193,664                  | 36,646                   | 428.5%  |
| CRUDE OIL OUTRIGHTS       | LSW | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 60                     | 30                     | 100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 290                      | 30                       | 866.7%  |
| CRUDE OIL OUTRIGHTS       | SSW | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 105                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 120                      | -100.0% |
| CRUDE OIL OUTRIGHTS       | UMD | 0                    | -                    | -     | 0             | -             |       | 700                    | -                      | -       | 0                      | -                      | -     | 0               | -               | -      | 4,700                    | -                        | -       |
| CRUDE OIL OUTRIGHTS       | UNS | 0                    | -                    | -     | 0             | -             |       | 500                    | -                      | -       | 0                      | -                      | -     | 0               | -               | -      | 6,054                    | -                        | -       |
| CRUDE OIL OUTRIGHTS       | WCC | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 2,625                  | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 23,547                   | -100.0% |
| CRUDE OIL OUTRIGHTS       | WCW | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 10,209                 | 3,725                  | 174.1%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 42,061                   | 3,845                    | 993.9%  |
| 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                        | 0.0%    |
| CRUDE OIL SPRDS           | 38  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 1,155                    | 0                        | 0.0%    |
| CRUDE OIL SPRDS           | WTT | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 42,804                 | 8,784                  | 387.3%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 221,374                  | 25,054                   | 783.6%  |
| 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                        | 0.0%    |
| DAILY PJM                 | AOR | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%    |
| DAILY PJM                 | IDO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%    |
| DAILY PJM                 | NOC | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%    |
| DAILY PJM                 | PAP | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%    |
| DAILY PJM                 | PEO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%    |

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

| Commodity Indicator        |     | Open Outcry APR 2018 | Open Outcry APR 2017 | % CHG | ELEC APR 2018 | ELEC APR 2017 | % CHG | CME ClearPort APR 2018 | CME ClearPort APR 2017 | % CHG   | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG | CME ClearPort Y.T.D 2018 | CME ClearPort Y.T.D 2017 | % CHG   |
|----------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|---------|
| Energy Futures             |     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |       |                          |                          |         |
| DAILY PJM                  | PNO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| DAILY PJM                  | PNP | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| DAILY PJM                  | PWO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| DAILY PJM                  | PWP | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| DAILY PJM                  | WOR | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| DAILY PJM                  | ZAO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| DAILY PJM                  | ZGO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| DAILY PJM                  | ZJO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| DATED BRENT (PLATTS) DAILY | 7G  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| DATED TO FRONTLINE BRENT   | FY  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 600                    | 335                    | 79.1%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 2,660                    | 4,145                    | -35.8%  |
| DEMARC INDEX FUTURE        | DI  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| DEMARC SWING SWAP          | DT  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| DIESEL 10P BRG FOB RDM VS  | 7X  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 5                        | 0                        | 0.0%    |
| DIESEL 10PPM BARGES FOB B  | U7  | 0                    | -                    | -     | 0             | -             | -     | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 0                        | -                        | -       |
| DLY GAS EURO-BOB OXY       | GBR | -                    | 0                    | 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                        | 0.0%    |
| DOMINION TRANSMISSION INC  | PG  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 3,171                  | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 38,996                   | -100.0% |
| DUBAI CRUDE OIL BALMO      | BI  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 125                      | 0                        | 0.0%    |
| DUBAI CRUDE OIL CALENDAR   | DC  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,184                  | 4,000                  | -70.4%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 8,944                    | 29,204                   | -69.4%  |
| DY EURO 3.5% FUEL OI RDA   | FOR | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 1,500                    | -100.0% |
| EASTERN RAIL DELIVERY CSX  | QX  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 30                     | 200                    | -85.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 150                      | 3,214                    | -95.3%  |
| EAST/WEST FUEL OIL SPREAD  | EW  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 20                     | 244                    | -91.8%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 157                      | 1,140                    | -86.2%  |
| EIA FLAT TAX ONHWAY DIESE  | A5  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 226                    | 501                    | -54.9%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 666                      | 3,183                    | -79.1%  |
| ELEC ERCOT DLY OFF PK      | R4  | -                    | 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                        | -                        | -       |
| ELEC ERCOT DLY PEAK        | I7  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| ELEC ERCOT DLY PEAK        | N1  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| ELEC ERCOT DLY PEAK        | R1  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| ELEC ERCOT OFF PEAK        | I2  | 0                    | -                    | -     | 0             | -             | -     | 19,600                 | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 19,600                   | -                        | -       |
| 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 FINSETTLED            | 49  | 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               | 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%    |

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

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|----------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|--------|--------------------------|--------------------------|---------|
| Energy Futures             |     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |        |                          |                          |         |
| ELEC NYISO OFF-PEAK        | 58  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%    |
| ELECTRICITY ERCOT PEAK     | ERE | 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%    |
| ELECTRICITY OFF PEAK       | 50  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%    |
| ELEC WEST POWER OFF-PEAK   | MDA | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 0                        | 0.0%    |
| ELEC WEST POWER PEAK       | MDC | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 1,540                    | -100.0% |
| EL PASO PERMIAN INDEX SWA  | IL  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%    |
| ERCOT DAILY 5MW PEAK       | ERW | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -      | 0                        | -                        | -       |
| ERCOT HOUSTON Z MCPE 5M    | I1  | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -      | 1,510                    | -                        | -       |
| ERCOT NORTH ZMCPE 5MW OF   | I8  | 0                    | 0                    | 0.0%  | 0             | 0             | 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     | 19,600                 | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 19,600                   | 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               | 0.0%   | 4,610                    | 830                      | 455.4%  |
| ETHANOL SWAP               | MT2 | 0                    | -                    | -     | 0             | -             |       | 20                     | -                      | -       | 0                      | -                      | -     | 0               | -               | -      | 30                       | -                        | -       |
| ETHANOL T2 FOB ROTT INCL D | Z1  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 3,404                  | 3,555                  | -4.2%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 12,531                   | 14,860                   | -15.7%  |
| EURO 1% FUEL OIL NEW BALM  | KX  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 5                      | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 5                        | 10                       | -50.0%  |
| EURO 3.5% FUEL OIL RDAM B  | KR  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 724                    | 355                    | 103.9%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 2,430                    | 2,281                    | 6.5%    |
| EURO 3.5% FUEL OIL SPREAD  | FK  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 191                    | 220                    | -13.2%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 482                      | 1,864                    | -74.1%  |
| EURO-DENOMINATED PETRO P   | NCP | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 440                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 1,340                    | -100.0% |
| EURO GASOIL 10 CAL SWAP    | GT  | -                    | 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                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 355                      | 198                      | 79.3%   |
| EUROPE 1% FUEL OIL NWE CA  | UF  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 45                     | 145                    | -69.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 303                      | 545                      | -44.4%  |
| EUROPE 1% FUEL OIL RDAM C  | UH  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 6                      | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 16                       | -100.0% |
| EUROPE 3.5% FUEL OIL MED   | UI  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 111                    | 60                     | 85.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 610                      | 1,094                    | -44.2%  |
| EUROPE 3.5% FUEL OIL RDAM  | UV  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 11,803                 | 6,271                  | 88.2%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 32,694                   | 38,781                   | -15.7%  |
| EUROPEAN GASOIL (ICE)      | 7F  | 0                    | 0                    | 0.0%  | 728           | 2,095         | -0.65 | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 1,662           | 11,099          | -85.0% | 0                        | 0                        | 0.0%    |
| EUROPEAN NAPHTHA BALMO     | KZ  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 203                    | 389                    | -47.8%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 1,099                    | 1,534                    | -28.4%  |
| EUROPEAN NAPHTHA CRACK SF  | EN  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 8,422                  | 5,224                  | 61.2%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 37,345                   | 28,955                   | 29.0%   |
| EUROPE DATED BRENT SWAP    | UB  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 0                        | 416                      | -100.0% |
| EUROPE JET KERO NWE CALS   | UJ  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 12                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 15                       | 48                       | -68.8%  |
| EUROPE NAPHTHA CALSWAP     | UN  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 2,392                  | 2,615                  | -8.5%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 13,660                   | 10,924                   | 25.0%   |
| EURO PROPANE CIF ARA SWA   | PS  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,649                  | 906                    | 82.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 8,389                    | 4,835                    | 73.5%   |
| FL GAS ZONE 3 NAT GAS IND  | Q9  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%   | -                        | 0                        | 0.0%    |
| FLORIDA GAS ZONE3 BASIS S  | FP  | 0                    | 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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| Commodity Indicator       |     | Open Outcry APR 2018 | Open Outcry APR 2017 | % CHG | ELEC APR 2018 | ELEC APR 2017 | % CHG | CME ClearPort APR 2018 | CME ClearPort APR 2017 | % CHG    | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG | CME ClearPort Y.T.D 2018 | CME ClearPort Y.T.D 2017 | % CHG   |
|---------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|----------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|---------|
| Energy Futures            |     |                      |                      |       |               |               |       |                        |                        |          |                        |                        |       |                 |                 |       |                          |                          |         |
| FREIGHT MARKETS           | FLP | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 44                     | 60                     | -26.7%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 492                      | 345                      | 42.6%   |
| FREIGHT MARKETS           | FRC | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -        | 0                      | -                      | -     | 0               | -               | -     | 185                      | -                        | -       |
| FREIGHT MARKETS           | FRS | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -        | 0                      | -                      | -     | 0               | -               | -     | 0                        | -                        | -       |
| FREIGHT MARKETS           | T2D | 0                    | -                    | -     | 0             | -             |       | 540                    | -                      | -        | 0                      | -                      | -     | 0               | -               | -     | 1,028                    | -                        | -       |
| FREIGHT MARKETS           | TC6 | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -        | 0                      | -                      | -     | 0               | -               | -     | 240                      | -                        | -       |
| FUEL OIL CRACK VS ICE     | FO  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 3,932                  | 2,781                  | 41.4%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 18,514                   | 15,149                   | 22.2%   |
| FUEL OIL NWE CRACK VS ICE | FI  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 15                     | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 171                      | 0                        | 0.0%    |
| 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%  | 154                      | 0                        | 0.0%    |
| FUEL OIL (PLATS) CAR CN   | 1X  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 27                     | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 72                       | 0                        | 0.0%    |
| FUELOIL SWAP:CARGOES VS.B | FS  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 251                    | 167                    | 50.3%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 1,225                    | 1,135                    | 7.9%    |
| GAS EURO-BOB OXY NWE BAR  | 7H  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 5,819                  | 7,766                  | -25.1%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 29,289                   | 31,384                   | -6.7%   |
| GAS EURO-BOB OXY NWE BAR  | 7K  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 23,151                 | 16,439                 | 40.8%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 93,111                   | 82,580                   | 12.8%   |
| GASOIL 0.1 BRGS FOB VS IC | 6V  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| GASOIL 0.1 CIF MED SWAP   | Z4  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| GASOIL 0.1CIF MED VS ICE  | Z5  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 10                       | 50                       | -80.0%  |
| 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                        | 0                        | 0.0%    |
| GASOIL 0.1 CIF VS ICE GAS | 8W  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 20                       | -100.0% |
| GASOIL 0.1 CRG CIF NW VS  | 4V  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| GASOIL 0.1 RDAM BRGS VS I | WQ  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 120                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 5                        | 120                      | -95.8%  |
| GASOIL 0.1 ROTTERDAM BARG | VL  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 320                    | 5                      | 6,300.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 365                      | 45                       | 711.1%  |
| GASOIL 10P CRG CIF NW VS  | 3V  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| GASOIL 10PPM CARGOES CIF  | TY  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| GASOIL 10PPM VS ICE SWAP  | TP  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 5                      | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 12                       | 460                      | -97.4%  |
| GASOIL BULLET SWAP        | BG  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%    |
| GASOIL CALENDAR SWAP      | GX  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 15                     | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 12                       | 33                       | -63.6%  |
| GASOIL CRACK SPREAD CALE  | GZ  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,495                  | 8,585                  | -82.6%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 24,012                   | 32,668                   | -26.5%  |
| GASOIL MINI CALENDAR SWAP | QA  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 110                    | 78                     | 41.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 536                      | 655                      | -18.2%  |
| GASOLINE UP-DOWN BALMO S  | 1K  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| GROUP THREE ULSD (PLATTS) | A7  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 115                      | 0                        | 0.0%    |
| GRP THREE ULSD(PLT)VS HEA | A6  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 3,974                  | 5,111                  | -22.2%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 16,294                   | 11,506                   | 41.6%   |
| GRP THREE UNL GS (PLT) VS | A8  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 2,950                  | 815                    | 262.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 8,938                    | 2,554                    | 250.0%  |
| GULF COAST 3% FUEL OIL BA | VZ  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 947                    | 1,246                  | -24.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 5,496                    | 4,735                    | 16.1%   |
| GULF COAST GASOLINE CLND  | GS  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%    |
| GULF COAST JET FUEL CLNDR | GE  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 336                    | 208                    | 61.5%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 633                      | 456                      | 38.8%   |

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|---------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|---------|--------------------------|--------------------------|---------|
| Energy Futures            |     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |         |                          |                          |         |
| GULF COAST JET VS NYM 2 H | ME  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 31,814                 | 26,486                 | 20.1%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 188,133                  | 175,712                  | 7.1%    |
| GULF COAST NO.6 FUEL OIL  | MF  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 60,240                 | 53,106                 | 13.4%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 241,036                  | 247,144                  | -2.5%   |
| GULF COAST NO.6 FUEL OIL  | MG  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 3,665                  | 1,555                  | 135.7%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 8,483                    | 6,969                    | 21.7%   |
| GULF COAST ULSD CALENDAR  | LY  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 200                    | 543                    | -63.2%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 754                      | 1,573                    | -52.1%  |
| GULF COAST ULSD CRACK SP  | GY  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 100                    | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 1,295                    | 1,000                    | 29.5%   |
| HEATING OIL BALMO CLNDR S | 1G  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 195                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 56                       | 370                      | -84.9%  |
| HEATING OIL CRCK SPRD BAL | 1H  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%    |
| 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     | 1,240                  | 10,231                 | -87.9%  | 0                      | 0                      | 0.0%  | 0               | 2,996           | -100.0% | 6,192                    | 32,338                   | -80.9%  |
| HENRY HUB FINANCIAL LAST  | NBP | 0                    | -                    | -     | 1,222         | -             |       | 0                      | -                      | -       | 0                      | -                      | -     | 5,290           | -               | -       | 0                        | -                        | -       |
| HENRY HUB FINANCIAL LAST  | TTE | 0                    | -                    | -     | 26            | -             |       | 0                      | -                      | -       | 0                      | -                      | -     | 621             | -               | -       | 0                        | -                        | -       |
| HENRY HUB INDEX SWAP FUTL | IN  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,240                  | 10,231                 | -87.9%  | 0                      | 0                      | 0.0%  | 0               | 2,996           | -100.0% | 6,192                    | 30,760                   | -79.9%  |
| HENRY HUB SWAP            | NN  | 0                    | 0                    | 0.0%  | 122           | 6,606         | -0.98 | 130,931                | 162,467                | -19.4%  | 0                      | 0                      | 0.0%  | 13,914          | 44,204          | -68.5%  | 632,528                  | 584,007                  | 8.3%    |
| HENRY HUB SWING FUTURE    | SN  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%    |
| HOUSTON SHIP CHANNEL BASI | NH  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 969                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 969                      | -100.0% |
| HOUSTON SHIP CHANNEL INDE | IP  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%    |
| HUSTN SHIP CHNL PIPE SWP  | XJ  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%    |
| ICE BRENT DUBAI SWAP      | DB  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 13,243                 | 17,660                 | -25.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 43,017                   | 42,093                   | 2.2%    |
| ICE GASOIL BALMO SWAP     | U9  | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -       | 0                        | -                        | -       |
| IN DELIVERY MONTH EUA     | 6T  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 2,850                  | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 2,850                    | -100.0% |
| 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              | FTM | 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              | PDM | -                    | 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%    |
| INDIANA MISO              | PTM | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%    |
| INDONESIAN COAL           | MCC | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 5                        | -100.0% |
| INDONESIAN COAL ICI4      | ICI | 0                    | -                    | -     | 0             | -             |       | 115                    | -                      | -       | 0                      | -                      | -     | 0               | -               | -       | 235                      | -                        | -       |
| ISO NEW ENGLAND OFF-PEAK  | KI  | 0                    | 0                    | 0.0%  | 0             | 0             | 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               | 0.0%    | 0                        | 10                       | -100.0% |
| JAPAN C&F NAPHTHA CRACK S | JB  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 918                    | 403                    | 127.8%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 1,608                    | 1,805                    | -10.9%  |
| JAPAN C&F NAPHTHA SWAP    | JA  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,984                  | 3,053                  | -35.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 7,917                    | 6,937                    | 14.1%   |
| JAPAN NAPHTHA BALMO SWAP  | E6  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 37                     | 652                    | -94.3%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 140                      | 779                      | -82.0%  |

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|------------------------------|-----|--------|--------|------|------|----------|-------|-----------|-----------|----------|--------|--------|------|-------|-------|--------|-----------|-----------|---------|
| Commodity Indicator          |     | Outcry | Outcry | %    | APR  | ELEC     | %     | ClearPort | ClearPort | %        | Outcry | Outcry | %    | Y.T.D | Y.T.D | %      | ClearPort | ClearPort | %       |
|                              |     | APR    | APR    | CHG  | 2018 | APR 2017 | CHG   | APR 2018  | APR 2017  | CHG      | Y.T.D  | Y.T.D  | CHG  | 2018  | 2017  | CHG    | Y.T.D     | Y.T.D     | CHG     |
|                              |     | 2018   | 2017   |      |      |          |       |           |           |          | 2018   | 2017   |      |       |       |        | 2018      | 2017      |         |
| Energy Futures               |     |        |        |      |      |          |       |           |           |          |        |        |      |       |       |        |           |           |         |
| 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%   | 5         | 0         | 0.0%    |
| JET BARGES VS ICE GASOIL     | JR  | -      | 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     | 74        | 90        | -17.8%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 474       | 380       | 24.7%   |
| JET FUEL BRG FOB RDM VS I    | 9Q  | 0      | 0      | 0.0% | 0    | 0        | 0     | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 0         | 0         | 0.0%    |
| 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%   | 0         | 10        | -100.0% |
| JET FUEL UP-DOWN BALMO CL    | 1M  | 0      | 0      | 0.0% | 0    | 0        | 0     | 4,460     | 6,478     | -31.2%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 30,244    | 30,067    | 0.6%    |
| LA CARB DIESEL (OPIS)        | LX  | 0      | 0      | 0.0% | 0    | 0        | 0     | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 0         | 0         | 0.0%    |
| LA CARB DIESEL (OPIS) SWA    | KL  | 0      | 0      | 0.0% | 0    | 0        | 0     | 325       | 150       | 116.7%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 1,000     | 685       | 46.0%   |
| LA CARBOB GASOLINE(OPIS)S    | JL  | 0      | 0      | 0.0% | 0    | 0        | 0     | 1,450     | 50        | 2,800.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 3,275     | 700       | 367.9%  |
| LA JET FUEL VS NYM NO 2 H    | MQ  | 0      | 0      | 0.0% | 0    | 0        | 0     | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 0         | 25        | -100.0% |
| LA JET (OPIS) SWAP           | JS  | 0      | 0      | 0.0% | 0    | 0        | 0     | 2,635     | 650       | 305.4%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 9,535     | 6,960     | 37.0%   |
| LLS (ARGUS) VS WTI SWAP      | WJ  | 0      | 0      | 0.0% | 0    | 0        | 0     | 6,085     | 5,690     | 6.9%     | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 19,222    | 21,175    | -9.2%   |
| MARS (ARGUS) VS WTI SWAP     | YX  | 0      | 0      | 0.0% | 0    | 0        | 0     | 3,530     | 3,030     | 16.5%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 14,545    | 14,161    | 2.7%    |
| MARS (ARGUS) VS WTI TRD M    | YV  | 0      | 0      | 0.0% | 0    | 0        | 0     | 19,630    | 15,725    | 24.8%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 114,636   | 96,002    | 19.4%   |
| MARS BLEND CRUDE OIL         | MB  | 0      | 0      | 0.0% | 0    | 0        | 0     | 350       | 4,581     | -92.4%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 1,519     | 9,765     | -84.4%  |
| MCCLOSKY ARA ARGS COAL       | MTF | 0      | 0      | 0.0% | 111  | 0        | 0     | 22,736    | 38,311    | -40.7%   | 0      | 0      | 0.0% | 369   | 0     | 0.0%   | 106,371   | 212,638   | -50.0%  |
| MCCLOSKY RCH BAY COAL        | MFF | 0      | 0      | 0.0% | 0    | 0        | 0     | 2,374     | 5,319     | -55.4%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 14,020    | 25,677    | -45.4%  |
| MGF FUT                      | MGF | 0      | 0      | 0.0% | 0    | 0        | 0     | 50        | 35        | 42.9%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 130       | 197       | -34.0%  |
| MGN1 SWAP FUT                | MGN | 0      | 0      | 0.0% | 0    | 0        | 0     | 30        | 90        | -66.7%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 383       | 542       | -29.3%  |
| MICHCON NG INDEX SWAP        | Y8  | -      | 0      | 0.0% | -    | 0        | 0     | -         | 0         | 0.0%     | -      | 0      | 0.0% | -     | 0     | 0.0%   | -         | 0         | 0.0%    |
| MICHIGAN BASIS               | NF  | 0      | 0      | 0.0% | 0    | 0        | 0     | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 0         | 2,592     | -100.0% |
| MICHIGAN MISO                | HMO | 0      | 0      | 0.0% | 0    | 0        | 0     | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 0         | 59,040    | -100.0% |
| MICHIGAN MISO                | HMW | 0      | 0      | 0.0% | 0    | 0        | 0     | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 0         | 3,195     | -100.0% |
| MINI GAS EUROBOB OXY NWE     | MEB | 0      | 0      | 0.0% | 0    | 0        | 0     | 502       | 509       | -1.4%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 1,389     | 1,645     | -15.6%  |
| MINI RBOB V. EBOBARG NWE B   | MXR | 0      | 0      | 0.0% | 0    | 0        | 0     | 862       | 236       | 265.3%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 1,053     | 1,182     | -10.9%  |
| MINI RBOB V. EBOB(ARGUS) N   | MXB | 0      | 0      | 0.0% | 0    | 0        | 0     | 2,021     | 3,289     | -38.6%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 6,217     | 9,798     | -36.5%  |
| MJC FUT                      | MJC | 0      | 0      | 0.0% | 0    | 0        | 0     | 190       | 0         | 0.0%     | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 970       | 260       | 273.1%  |
| MNC FUT                      | MNC | 0      | 0      | 0.0% | 0    | 0        | 0     | 3,441     | 4,538     | -24.2%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 14,487    | 18,139    | -20.1%  |
| MONT BELVIEU ETHANE 5 DECI   | C0  | 0      | 0      | 0.0% | 0    | 0        | 0     | 11,593    | 18,279    | -36.6%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 61,389    | 132,967   | -53.8%  |
| MONT BELVIEU ETHANE OPIS E   | 8C  | 0      | 0      | 0.0% | 0    | 0        | 0     | 90        | 200       | -55.0%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 655       | 1,925     | -66.0%  |
| MONT BELVIEU LDH PROPANE     | B0  | 0      | 0      | 0.0% | 4    | 37       | -0.89 | 138,290   | 64,110    | 115.7%   | 0      | 0      | 0.0% | 30    | 100   | -70.0% | 537,251   | 378,361   | 42.0%   |
| MONT BELVIEU LDH PROPANE     | 8O  | 0      | 0      | 0.0% | 0    | 0        | 0     | 2,275     | 1,366     | 66.5%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 14,044    | 9,076     | 54.7%   |
| MONT BELVIEU NATURAL GAS     | 7Q  | 0      | 0      | 0.0% | 0    | 0        | 0     | 9,135     | 2,554     | 257.7%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 38,684    | 18,833    | 105.4%  |
| MONT BELVIEU NATURAL GAS     | R0  | 0      | 0      | 0.0% | 0    | 0        | 0     | 228       | 155       | 47.1%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 1,773     | 1,371     | 29.3%   |

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

|                           |     | Open   | Open   |      | ELEC | ELEC | %   | CME       | CME       | %       | Open   | Open   | %    | ELEC  | ELEC  | %       | CME       | CME       |         |
|---------------------------|-----|--------|--------|------|------|------|-----|-----------|-----------|---------|--------|--------|------|-------|-------|---------|-----------|-----------|---------|
| Commodity Indicator       |     | Outcry | Outcry | %    | APR  | APR  | CHG | ClearPort | ClearPort | CHG     | Outcry | Outcry | CHG  | Y.T.D | Y.T.D | CHG     | ClearPort | ClearPort | %       |
|                           |     | 2018   | 2017   |      | 2018 | 2017 |     | APR 2018  | APR 2017  |         | Y.T.D  | Y.T.D  |      | 2018  | 2017  |         | Y.T.D     | Y.T.D     |         |
| Energy Futures            |     |        |        |      |      |      |     |           |           |         |        |        |      |       |       |         |           |           |         |
| MONT BELVIEU NORMAL BUTA  | D0  | 0      | 0      | 0.0% | 0    | 0    | 0   | 42,033    | 29,639    | 41.8%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%    | 117,520   | 123,959   | -5.2%   |
| MONT BELVIEU NORMAL BUTA  | 8J  | 0      | 0      | 0.0% | 0    | 0    | 0   | 780       | 405       | 92.6%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%    | 3,819     | 4,202     | -9.1%   |
| NAT GAS BASIS SWAP        | TZ6 | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 453       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0%    | 0         | 1,737     | -100.0% |
| NATURAL GAS               | HBI | -      | 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     | 0.0%    | 0         | 44        | -100.0% |
| NATURAL GAS FIXED PRICE S | CFS | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%    | -         | 0         | 0.0%    |
| NATURAL GAS FIXED PRICE S | DSF | 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 FIXED PRICE S | MFS | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%    | -         | 0         | 0.0%    |
| NATURAL GAS FIXED PRICE S | PFS | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%    | -         | 0         | 0.0%    |
| NATURAL GAS FIXED PRICE S | WFS | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%    | -         | 0         | 0.0%    |
| NATURAL GAS FIXED PRICE S | ZTS | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%    | -         | 0         | 0.0%    |
| NATURAL GAS INDEX         | TZI | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%    | 0         | 656       | -100.0% |
| NATURAL GAS PEN SWP       | NP  | 0      | 0      | 0.0% | 0    | 0    | 0   | 30,813    | 61,205    | -49.7%  | 0      | 0      | 0.0% | 0     | 51    | -100.0% | 161,690   | 419,774   | -61.5%  |
| NEPOOL CNCTCT 5MW D AH O  | P3  | 0      | 0      | 0.0% | 0    | 0    | 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     | 0.0%    | 0         | 0         | 0.0%    |
| NEPOOL INTR HUB 5MW D AH  | H2  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 64,300    | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0%    | 61,920    | 221,100   | -72.0%  |
| NEPOOL INTR HUB 5MW D AH  | U6  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 3,480     | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0%    | 3,415     | 10,400    | -67.2%  |
| 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 NEW HAMP 5MW D AH  | U2  | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%    | -         | 0         | 0.0%    |
| NEPOOL NEW HAMP 5MW D AH  | U3  | -      | 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     | 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     | 0.0%    | 0         | 0         | 0.0%    |
| NEPOOL SE MASS 5MW D AH O | P5  | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%    | -         | 0         | 0.0%    |
| NEPOOL SE MASS 5MW D AH P | P4  | -      | 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     | 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     | 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   | 1,515     | 530       | 185.8%  | 0      | 0      | 0.0% | 0     | 0     | 0.0%    | 7,461     | 2,405     | 210.2%  |
| 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%    | 400       | 744       | -46.2%  |
| NGPL MIDCONTINENT INDEX   | IW  | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%    | -         | 0         | 0.0%    |
| NGPL MIDCONTINENT SWING S | PX  | -      | 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 APR 2018 | Open Outcry APR 2017 | % CHG | ELEC APR 2018 | ELEC APR 2017 | % CHG | CME ClearPort APR 2018 | CME ClearPort APR 2017 | % CHG   | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG    | CME ClearPort Y.T.D 2018 | CME ClearPort Y.T.D 2017 | % CHG    |
|---------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|----------|--------------------------|--------------------------|----------|
| Energy Futures            |     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |          |                          |                          |          |
| NGPL TEX/OK               | PD  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 15,120                 | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 22,836                   | 800                      | 2,754.5% |
| NGPL TEXOK INDEX          | OI  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%     | -                        | 0                        | 0.0%     |
| N ILLINOIS HUB DAILY      | UD  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 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               | 0.0%     | 0                        | 0                        | 0.0%     |
| NO 2 UP-DOWN SPREAD CALE  | UT  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 300                    | 425                    | -29.4%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 1,535                    | 2,635                    | -41.7%   |
| 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%     | 100                      | 0                        | 0.0%     |
| NORTHERN ILLINOIS OFF-PEA | UO  | 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                      | 368                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 614                      | -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     | 841                    | 2,042                  | -58.8%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 7,101                    | 10,930                   | -35.0%   |
| NY 2.2% FUEL OIL (PLATTS  | Y3  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%     |
| NY 3.0% FUEL OIL (PLATTS  | H1  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 200                    | 800                    | -75.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 975                      | 2,260                    | -56.9%   |
| NY HARBOR 1% FUEL OIL BAL | VK  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 25                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 25                       | -100.0%  |
| NY HARBOR HEAT OIL SWP    | MP  | 0                    | 0                    | 0.0%  | 25            | 0             | 0     | 1,496                  | 3,254                  | -54.0%  | 0                      | 0                      | 0.0%  | 40              | 3               | 1,233.3% | 5,905                    | 10,050                   | -41.2%   |
| NY HARBOR LOW SULPUR GAS  | NLS | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 100                    | 345                    | -71.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 2,475                    | 2,173                    | 13.9%    |
| NY HARBOR RESIDUAL FUEL 1 | MM  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 619                    | 2,769                  | -77.6%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 4,536                    | 13,680                   | -66.8%   |
| NYH NO 2 CRACK SPREAD CAL | HK  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,905                  | 1,374                  | 38.6%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 5,177                    | 7,355                    | -29.6%   |
| NY H OIL PLATTS VS NYMEX  | YH  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%     | -                        | 0                        | 0.0%     |
| NYISO A                   | KA  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%     |
| NYISO A OFF-PEAK          | KB  | 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            | LHV | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 12                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 144                      | 207                      | -30.4%   |
| NYISO CAPACITY            | NNC | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 136                    | 84                     | 61.9%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 306                      | 1,380                    | -77.8%   |
| NYISO CAPACITY            | NRS | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 75                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 108                      | 760                      | -85.8%   |
| NYISO G                   | KG  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%     |
| NYISO G OFF-PEAK          | KH  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%     |
| NYISO J                   | KJ  | 0                    | 0                    | 0.0%  | 0             | 0             | 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               | 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                        | 9,360                    | -100.0%  |
| 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                        | 6,705                    | -100.0%  |
| NYISO ZONE C 5MW D AH O P | A3  | 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 C 5MW D AH PK  | Q5  | 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     | 46,080                 | 46,800                 | -1.5%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 392,350                  | 259,200                  | 51.4%    |
| NYISO ZONE G 5MW D AH PK  | T3  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 2,115                  | 2,990                  | -29.3%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 5,510                    | 24,550                   | -77.6%   |

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

| Commodity Indicator          |     | Open Outcry APR 2018 | Open Outcry APR 2017 | % CHG | ELEC APR 2018 | ELEC APR 2017 | % CHG | CME ClearPort APR 2018 | CME ClearPort APR 2017 | % CHG   | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG | CME ClearPort Y.T.D 2018 | CME ClearPort Y.T.D 2017 | % CHG    |
|------------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|-------|--------------------------|--------------------------|----------|
| Energy Futures               |     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |       |                          |                          |          |
| NYISO ZONE J 5MW D AH O P    | D4  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 23,400                 | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 133,000                  | -100.0%  |
| NYISO ZONE J 5MW D AH PK     | D3  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 1,705                  | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 9,345                    | -100.0%  |
| NY JET FUEL (PLATTS) HEAT OI | 1U  | -                    | 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%  | 0                        | 0                        | 0.0%     |
| NY ULSD (ARGUS) VS HEATING   | 7Y  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 275                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 7,047                    | -100.0%  |
| 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                        | 0                        | 0.0%     |
| ONTARIO POWER SWAPS          | OFD | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%     |
| ONTARIO POWER SWAPS          | OFM | 0                    | 0                    | 0.0%  | 0             | 0             | 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%  | 10                       | 140                      | -92.9%   |
| ONTARIO POWER SWAPS          | OPM | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 330                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 540                      | -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%  | 275                      | 48                       | 472.9%   |
| PANHANDLE INDEX SWAP FUT     | IV  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%     |
| PANHANDLE PIPE SWAP          | XH  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 864                      | -100.0%  |
| PERMIAN BASIS SWAP           | PM  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 214                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 214                      | -100.0%  |
| PETROCHEMICALS               | 22  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 242                    | 64                     | 278.1%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 652                      | 306                      | 113.1%   |
| PETROCHEMICALS               | 32  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 281                    | 90                     | 212.2%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 850                      | 504                      | 68.7%    |
| PETROCHEMICALS               | 51  | 0                    | -                    | -     | 0             | -             |       | 20                     | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 23                       | -                        | -        |
| PETROCHEMICALS               | 8I  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,144                  | 156                    | 633.3%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 3,559                    | 2,823                    | 26.1%    |
| PETROCHEMICALS               | 91  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 453                    | 165                    | 174.5%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 2,274                    | 949                      | 139.6%   |
| PETROCHEMICALS               | HPE | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 0                        | 0.0%     |
| PETROCHEMICALS               | JKM | 0                    | -                    | -     | 0             | -             |       | 2,000                  | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 3,445                    | -                        | -        |
| PETROCHEMICALS               | LPE | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%  | -                        | 0                        | 0.0%     |
| PETROCHEMICALS               | MAC | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 0                        | 50                       | -100.0%  |
| PETROCHEMICALS               | MAE | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 240                    | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 770                      | 10                       | 7,600.0% |
| PETROCHEMICALS               | MAS | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 90                     | 20                     | 350.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 450                      | 115                      | 291.3%   |
| PETROCHEMICALS               | MBE | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 540                    | 440                    | 22.7%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 3,550                    | 4,035                    | -12.0%   |
| PETROCHEMICALS               | MNB | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 3,014                  | 1,093                  | 175.8%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 8,777                    | 3,602                    | 143.7%   |
| PETROCHEMICALS               | MPS | 0                    | -                    | -     | 0             | -             |       | 115                    | -                      | -       | 0                      | -                      | -     | 0               | -               | -     | 345                      | -                        | -        |
| PETRO CRCKS & SPRDS ASIA     | JNC | 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                        | 105                      | -100.0%  |
| PETRO CRCKS & SPRDS ASIA     | STR | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 100                    | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 100                      | 264                      | -62.1%   |
| PETRO CRCKS & SPRDS ASIA     | STS | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 409                      | 0                        | 0.0%     |
| PETRO CRCKS & SPRDS NA       | CRB | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 280                    | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%  | 1,045                    | 610                      | 71.3%    |

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

|                        |     | Open   | Open   |      | ELEC | ELEC | %   | CME       | CME       | %       | Open   | Open   | %    | ELEC  | ELEC  | %    | CME       | CME       |          |
|------------------------|-----|--------|--------|------|------|------|-----|-----------|-----------|---------|--------|--------|------|-------|-------|------|-----------|-----------|----------|
| Commodity Indicator    |     | Outcry | Outcry | %    | APR  | APR  | CHG | ClearPort | ClearPort | CHG     | Outcry | Outcry | CHG  | Y.T.D | Y.T.D | CHG  | ClearPort | ClearPort | %        |
|                        |     | APR    | APR    |      | 2018 | 2017 |     | APR 2018  | APR 2017  |         | Y.T.D  | Y.T.D  |      | 2018  | 2017  |      | Y.T.D     | Y.T.D     |          |
|                        |     | 2018   | 2017   |      |      |      |     |           |           |         | 2018   | 2017   |      |       |       |      |           |           |          |
| <b>Energy Futures</b>  |     |        |        |      |      |      |     |           |           |         |        |        |      |       |       |      |           |           |          |
| PETRO CRCKS & SPRDS NA | EXR | 0      | 0      | 0.0% | 0    | 0    | 0   | 2,542     | 1,775     | 43.2%   | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 11,467    | 11,758    | -2.5%    |
| PETRO CRCKS & SPRDS NA | FOC | 0      | 0      | 0.0% | 0    | 0    | 0   | 2,100     | 1,125     | 86.7%   | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 4,500     | 3,490     | 28.9%    |
| PETRO CRCKS & SPRDS NA | GBB | 0      | 0      | 0.0% | 0    | 0    | 0   | 670       | 815       | -17.8%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 2,845     | 3,205     | -11.2%   |
| PETRO CRCKS & SPRDS NA | GCC | 0      | 0      | 0.0% | 0    | 0    | 0   | 150       | 350       | -57.1%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 950       | 675       | 40.7%    |
| PETRO CRCKS & SPRDS NA | GCI | 0      | 0      | 0.0% | 0    | 0    | 0   | 660       | 984       | -32.9%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 5,893     | 5,495     | 7.2%     |
| PETRO CRCKS & SPRDS NA | GCM | 0      | 0      | 0.0% | 0    | 0    | 0   | 100       | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 121       | 0         | 0.0%     |
| PETRO CRCKS & SPRDS NA | GCU | 0      | 0      | 0.0% | 0    | 0    | 0   | 21,025    | 5,924     | 254.9%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 50,442    | 29,088    | 73.4%    |
| 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         | 485       | -100.0%  |
| PETRO CRCKS & SPRDS NA | HOB | 0      | 0      | 0.0% | 0    | 0    | 0   | 475       | 4,561     | -89.6%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 5,786     | 10,762    | -46.2%   |
| PETRO CRCKS & SPRDS NA | KSD | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 75        | -100.0%  |
| 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     | 0.0% | 50        | 86        | -41.9%   |
| PETRO CRCKS & SPRDS NA | NYF | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 300       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 600       | -100.0%  |
| PETRO CRCKS & SPRDS NA | NYH | 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 NA | RBB | 0      | 0      | 0.0% | 0    | 0    | 0   | 4,921     | 6,815     | -27.8%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 18,231    | 36,210    | -49.7%   |
| PETRO CRCKS & SPRDS NA | RVG | 0      | 0      | 0.0% | 0    | 0    | 0   | 17,922    | 19,560    | -8.4%   | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 69,101    | 66,571    | 3.8%     |
| PETRO CRCKS & SPRDS NA | SF3 | 0      | 0      | 0.0% | 0    | 0    | 0   | 33        | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 234       | 6         | 3,800.0% |
| PETRO CRK&SPRD EURO    | 1NB | 0      | 0      | 0.0% | 0    | 0    | 0   | 2,177     | 847       | 157.0%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 8,539     | 5,851     | 45.9%    |
| PETRO CRK&SPRD EURO    | 1ND | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -    | 100       | -         | -        |
| PETRO CRK&SPRD EURO    | 43  | 0      | 0      | 0.0% | 0    | 0    | 0   | 680       | 296       | 129.7%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 1,818     | 906       | 100.7%   |
| 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         | 0         | 0.0%     |
| PETRO CRK&SPRD EURO    | BOB | 0      | 0      | 0.0% | 0    | 0    | 0   | 2,712     | 2,021     | 34.2%   | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 7,787     | 9,551     | -18.5%   |
| PETRO CRK&SPRD EURO    | EGB | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -    | 0         | -         | -        |
| PETRO CRK&SPRD EURO    | EGN | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -    | 0         | -         | -        |
| PETRO CRK&SPRD EURO    | EOB | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 108       | 68        | 58.8%    |
| PETRO CRK&SPRD EURO    | EPN | 0      | 0      | 0.0% | 0    | 0    | 0   | 765       | 282       | 171.3%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 4,170     | 1,530     | 172.5%   |
| PETRO CRK&SPRD EURO    | EVC | 0      | 0      | 0.0% | 0    | 0    | 0   | 1,680     | 2,292     | -26.7%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 7,826     | 12,882    | -39.2%   |
| PETRO CRK&SPRD EURO    | FBT | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0% | -         | 0         | 0.0%     |
| PETRO CRK&SPRD EURO    | FVB | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 30        | 0         | 0.0%     |
| PETRO CRK&SPRD EURO    | GCB | 0      | 0      | 0.0% | 0    | 0    | 0   | 200       | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 375       | 400       | -6.3%    |
| PETRO CRK&SPRD EURO    | GOC | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 84        | 35        | 140.0%   |
| PETRO CRK&SPRD EURO    | MGB | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 80        | 70        | 14.3%    |
| PETRO CRK&SPRD EURO    | MUD | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 160       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 123       | 646       | -81.0%   |
| PETRO CRK&SPRD EURO    | NBB | 0      | 0      | 0.0% | 0    | 0    | 0   | 66        | 26        | 153.8%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 96        | 64        | 50.0%    |

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

|                         |     | Open   | Open   |      | ELEC | ELEC | %   | CME       | CME       | %       | Open   | Open   | %    | ELEC  | ELEC  | %    | CME       | CME       |         |
|-------------------------|-----|--------|--------|------|------|------|-----|-----------|-----------|---------|--------|--------|------|-------|-------|------|-----------|-----------|---------|
| Commodity Indicator     |     | Outcry | Outcry | %    | APR  | APR  | CHG | ClearPort | ClearPort | CHG     | Outcry | Outcry | CHG  | Y.T.D | Y.T.D | CHG  | ClearPort | ClearPort | %       |
|                         |     | 2018   | 2017   |      | 2018 | 2017 |     | APR 2018  | APR 2017  |         | Y.T.D  | Y.T.D  |      | 2018  | 2017  |      | Y.T.D     | Y.T.D     |         |
| <b>Energy Futures</b>   |     |        |        |      |      |      |     |           |           |         |        |        |      |       |       |      |           |           |         |
| PETRO CRK&SPRD EURO     | NOB | 0      | 0      | 0.0% | 0    | 0    | 0   | 1,652     | 1,170     | 41.2%   | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 7,073     | 4,498     | 57.2%   |
| PETRO CRK&SPRD EURO     | SFB | 0      | 0      | 0.0% | 0    | 0    | 0   | 30        | 25        | 20.0%   | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 30        | 155       | -80.6%  |
| PETROLEUM PRODUCTS      | D46 | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0% | -         | 0         | 0.0%    |
| PETROLEUM PRODUCTS      | EWB | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 0         | 0.0%    |
| PETROLEUM PRODUCTS      | EWG | 0      | 0      | 0.0% | 0    | 0    | 0   | 3,190     | 3,058     | 4.3%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 22,199    | 13,097    | 69.5%   |
| PETROLEUM PRODUCTS      | MBS | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 80        | -100.0% |
| PETROLEUM PRODUCTS      | MGS | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -    | 0         | -         | -       |
| PETROLEUM PRODUCTS      | MHE | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0% | -         | 0         | 0.0%    |
| PETROLEUM PRODUCTS      | MME | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -    | 30        | -         | -       |
| PETROLEUM PRODUCTS      | MPE | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 0         | 0.0%    |
| PETROLEUM PRODUCTS      | VU  | 0      | 0      | 0.0% | 0    | 0    | 0   | 603       | 200       | 201.5%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 603       | 704       | -14.3%  |
| PETROLEUM PRODUCTS ASIA | E6M | 0      | 0      | 0.0% | 0    | 0    | 0   | 30        | 47        | -36.2%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 374       | 62        | 503.2%  |
| PETROLEUM PRODUCTS ASIA | MJN | 0      | 0      | 0.0% | 0    | 0    | 0   | 2,697     | 2,044     | 31.9%   | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 9,482     | 7,436     | 27.5%   |
| PETROLEUM PRODUCTS ASIA | MSB | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 25        | -100.0% |
| PETRO OUTRIGHT EURO     | 0B  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 50        | 43        | 16.3%   |
| PETRO OUTRIGHT EURO     | 0C  | 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     | 0D  | 0      | 0      | 0.0% | 0    | 0    | 0   | 1,859     | 1,787     | 4.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 4,833     | 10,642    | -54.6%  |
| PETRO OUTRIGHT EURO     | 0E  | 0      | 0      | 0.0% | 0    | 0    | 0   | 109       | 551       | -80.2%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 119       | 2,618     | -95.5%  |
| PETRO OUTRIGHT EURO     | 0F  | 0      | 0      | 0.0% | 0    | 0    | 0   | 663       | 1,720     | -61.5%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 2,435     | 5,763     | -57.7%  |
| PETRO OUTRIGHT EURO     | 1T  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 12        | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 15        | 48        | -68.8%  |
| PETRO OUTRIGHT EURO     | 33  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 80        | -100.0% |
| PETRO OUTRIGHT EURO     | 5L  | 0      | 0      | 0.0% | 0    | 0    | 0   | 46        | 30        | 53.3%   | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 89        | 334       | -73.4%  |
| PETRO OUTRIGHT EURO     | 63  | 0      | 0      | 0.0% | 0    | 0    | 0   | 70        | 105       | -33.3%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 107       | 462       | -76.8%  |
| PETRO OUTRIGHT EURO     | 6L  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 2         | -100.0% |
| PETRO OUTRIGHT EURO     | 7I  | 0      | 0      | 0.0% | 0    | 0    | 0   | 365       | 50        | 630.0%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 429       | 409       | 4.9%    |
| PETRO OUTRIGHT EURO     | 7R  | 0      | 0      | 0.0% | 0    | 0    | 0   | 252       | 119       | 111.8%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 1,230     | 837       | 47.0%   |
| PETRO OUTRIGHT EURO     | 88  | 0      | 0      | 0.0% | 0    | 0    | 0   | 45        | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 95        | 0         | 0.0%    |
| PETRO OUTRIGHT EURO     | CBB | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 55        | 42        | 31.0%   |
| PETRO OUTRIGHT EURO     | CGB | 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     | CPB | 0      | 0      | 0.0% | 0    | 0    | 0   | 352       | 75        | 369.3%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 2,487     | 1,693     | 46.9%   |
| PETRO OUTRIGHT EURO     | EFF | 0      | 0      | 0.0% | 0    | 0    | 0   | 93        | 50        | 86.0%   | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 93        | 270       | -65.6%  |
| PETRO OUTRIGHT EURO     | EFM | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 166       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 296       | -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% | 55        | 60        | -8.3%   |
| PETRO OUTRIGHT EURO     | ESB | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 6         | -100.0% |

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

|                          |     | Open<br>Outcry<br>APR<br>2018 | Open<br>Outcry<br>APR<br>2017 | %<br>CHG | ELEC<br>APR<br>2018 | ELEC<br>APR 2017 | %<br>CHG | CME<br>ClearPort<br>APR 2018 | CME<br>ClearPort<br>APR 2017 | %<br>CHG | Open<br>Outcry<br>Y.T.D<br>2018 | Open<br>Outcry<br>Y.T.D<br>2017 | %<br>CHG | ELEC<br>Y.T.D<br>2018 | ELEC<br>Y.T.D<br>2017 | %<br>CHG | CME<br>ClearPort<br>Y.T.D<br>2018 | CME<br>ClearPort<br>Y.T.D<br>2017 | %<br>CHG |
|--------------------------|-----|-------------------------------|-------------------------------|----------|---------------------|------------------|----------|------------------------------|------------------------------|----------|---------------------------------|---------------------------------|----------|-----------------------|-----------------------|----------|-----------------------------------|-----------------------------------|----------|
| <b>Energy Futures</b>    |     |                               |                               |          |                     |                  |          |                              |                              |          |                                 |                                 |          |                       |                       |          |                                   |                                   |          |
| PETRO OUTRIGHT EURO      | EWN | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 535                          | 1,145                        | -53.3%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 2,822                             | 3,119                             | -9.5%    |
| PETRO OUTRIGHT EURO      | FBD | 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      | MBB | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 25                           | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 161                               | 120                               | 34.2%    |
| PETRO OUTRIGHT EURO      | MBN | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 1,483                        | 280                          | 429.6%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 5,499                             | 2,518                             | 118.4%   |
| PETRO OUTRIGHT EURO      | SMU | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 328                               | 0                                 | 0.0%     |
| PETRO OUTRIGHT EURO      | T0  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 110                               | -100.0%  |
| PETRO OUTRIGHT EURO      | ULB | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 375                               | -100.0%  |
| PETRO OUTRIGHT EURO      | V0  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 300                          | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 980                               | 150                               | 553.3%   |
| PETRO OUTRIGHT EURO      | W0  | -                             | 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        | FCB | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 50                           | 32                           | 56.3%    | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 249                               | 554                               | -55.1%   |
| PETRO OUTRIGHT NA        | FOM | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 30                           | -100.0%  | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 40                                | -100.0%  |
| PETRO OUTRIGHT NA        | GBA | -                             | 0                             | 0.0%     | -                   | 0                | 0        | -                            | 0                            | 0.0%     | -                               | 0                               | 0.0%     | -                     | 0                     | 0.0%     | -                                 | 0                                 | 0.0%     |
| PETRO OUTRIGHT NA        | GUD | -                             | 0                             | 0.0%     | -                   | 0                | 0        | -                            | 0                            | 0.0%     | -                               | 0                               | 0.0%     | -                     | 0                     | 0.0%     | -                                 | 0                                 | 0.0%     |
| PETRO OUTRIGHT NA        | JE  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 69                                | 18                                | 283.3%   |
| PETRO OUTRIGHT NA        | JET | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 1,925                        | 3,283                        | -41.4%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 9,680                             | 18,352                            | -47.3%   |
| PETRO OUTRIGHT NA        | JTB | 0                             | -                             | -        | 0                   | -                |          | 685                          | -                            | -        | 0                               | -                               | -        | 0                     | -                     | -        | 2,460                             | -                                 | -        |
| PETRO OUTRIGHT NA        | MBL | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 10                                | 135                               | -92.6%   |
| PETRO OUTRIGHT NA        | MEN | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 397                          | 797                          | -50.2%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 1,230                             | 3,047                             | -59.6%   |
| PETRO OUTRIGHT NA        | MEO | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 3,111                        | 9,124                        | -65.9%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 15,413                            | 46,879                            | -67.1%   |
| PETRO OUTRIGHT NA        | MFD | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 30                                | 0                                 | 0.0%     |
| PETRO OUTRIGHT NA        | MMF | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 20                           | 40                           | -50.0%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 55                                | 363                               | -84.8%   |
| PETRO OUTRIGHT NA        | NYT | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 625                               | -100.0%  |
| PETRO OUTRIGHT NA        | XER | -                             | 0                             | 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%     | 28,032                            | 264,125                           | -89.4%   |
| PJM AD HUB 5MW REAL TIME | Z9  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 2,550                        | -100.0%  | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 7,513                             | 18,710                            | -59.8%   |
| PJM AECO DA OFF-PEAK     | X1  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 0                                 | 0.0%     |
| PJM AECO DA PEAK         | Y1  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 0                                 | 0.0%     |
| PJM APS ZONE DA OFF-PEAK | W4  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 0                                 | 0.0%     |
| PJM APS ZONE DA PEAK     | S4  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 0                                 | 0.0%     |
| PJM ATSI ELEC            | MOD | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 46,800                            | -100.0%  |
| PJM ATSI ELEC            | MPD | 0                             | 0                             | 0.0%     | 0                   | 0                | 0        | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 2,550                             | -100.0%  |
| 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                                 | 0.0%     |
| 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                                 | 0.0%     |

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## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

|                            |     | Open<br>Outcry<br>APR<br>2018 | Open<br>Outcry<br>APR<br>2017 | %<br>CHG | ELEC<br>APR<br>2018 | ELEC<br>APR 2017 | % | CME<br>ClearPort<br>APR 2018 | CME<br>ClearPort<br>APR 2017 | %<br>CHG | Open<br>Outcry<br>Y.T.D<br>2018 | Open<br>Outcry<br>Y.T.D<br>2017 | %<br>CHG | ELEC<br>Y.T.D<br>2018 | ELEC<br>Y.T.D<br>2017 | %<br>CHG | CME<br>ClearPort<br>Y.T.D<br>2018 | CME<br>ClearPort<br>Y.T.D<br>2017 | %<br>CHG |
|----------------------------|-----|-------------------------------|-------------------------------|----------|---------------------|------------------|---|------------------------------|------------------------------|----------|---------------------------------|---------------------------------|----------|-----------------------|-----------------------|----------|-----------------------------------|-----------------------------------|----------|
| Energy Futures             |     |                               |                               |          |                     |                  |   |                              |                              |          |                                 |                                 |          |                       |                       |          |                                   |                                   |          |
| PJM COMED 5MW D AH O PK    | D9  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 46,800                       | -100.0%  | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 85,390                            | -100.0%  |
| PJM COMED 5MW D AH PK      | D8  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 2,550                        | -100.0%  | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 4,675                             | -100.0%  |
| PJM DAILY                  | JD  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 0                                 | 0.0%     |
| 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                                 | 211,995                           | -100.0%  |
| 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                                 | 5,250                             | -100.0%  |
| PJM JCPL DA OFF-PEAK       | F2  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 0                                 | 0.0%     |
| PJM JCPL DA PEAK           | J2  | 0                             | 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                            | 34,130                       | -100.0%  | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 5,100                             | 68,765                            | -92.6%   |
| PJM NI HUB 5MW REAL TIME   | B6  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 662,960                      | -100.0%  | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 1,573,230                         | -100.0%  |
| PJM NILL DA OFF-PEAK       | L3  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 504,194                      | -100.0%  | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 658,287                           | -100.0%  |
| PJM NILL DA PEAK           | N3  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 22                           | 19,594                       | -99.9%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 22                                | 36,476                            | -99.9%   |
| 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                                 | 0.0%     |
| PJM PECO ZONE5MW PEAK CA   | 4N  | -                             | 0                             | 0.0%     | -                   | 0                | 0 | -                            | 0                            | 0.0%     | -                               | 0                               | 0.0%     | -                     | 0                     | 0.0%     | -                                 | 0                                 | 0.0%     |
| PJM PPL DA OFF-PEAK        | F5  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 0                                 | 0.0%     |
| PJM PPL DA PEAK            | L5  | 0                             | 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                                 | 0.0%     |
| 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                                 | 0.0%     |
| PJM WES HUB PEAK LMP 50 M  | 4S  | -                             | 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 | 31,610                       | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 78,410                            | 7,500                             | 945.5%   |
| PJM WESTHDA PEAK           | J4  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 1,700                        | 880                          | 93.2%    | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 4,250                             | 1,340                             | 217.2%   |
| PJM WESTH RT OFF-PEAK      | N9  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 102,880                      | 653,480                      | -84.3%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 173,080                           | 1,216,815                         | -85.8%   |
| PJM WESTH RT PEAK          | L1  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 9,860                        | 31,817                       | -69.0%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 34,454                            | 86,239                            | -60.0%   |
| PLASTICS                   | PGP | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 240                          | 723                          | -66.8%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 1,522                             | 2,118                             | -28.1%   |
| PREMIUM UNLD 10P FOB MED   | 3G  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 15                           | 10                           | 50.0%    | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 1,326                             | 231                               | 474.0%   |
| PREMIUM UNLEAD 10PPM FOB   | 8G  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 14                           | -100.0%  | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 165                               | 35                                | 371.4%   |
| 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%     | 80                                | 7                                 | 1,042.9% |
| 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%     | 10                                | 32                                | -68.8%   |
| PROPANE NON-LDH MB (OPIS)  | 1S  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 487                          | 122                          | 299.2%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 2,251                             | 3,451                             | -34.8%   |
| PROPANE NON-LDH MT. BEL (O | 1R  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 12,775                       | 5,219                        | 144.8%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 42,691                            | 36,670                            | 16.4%    |
| RBOB CALENDAR SWAP         | RL  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 5,543                        | 7,253                        | -23.6%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 17,483                            | 29,394                            | -40.5%   |
| RBOB CRACK SPREAD          | RM  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 1,896                        | 360                          | 426.7%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 4,468                             | 1,979                             | 125.8%   |
| RBOB CRACK SPREAD BALMO    | 1E  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 0                                 | 0.0%     |
| RBOB GASOLINE BALMO CLND   | 1D  | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 3,759                        | 471                          | 698.1%   | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 5,262                             | 2,413                             | 118.1%   |
| RBOB PHY                   | RBL | 0                             | 0                             | 0.0%     | 0                   | 0                | 0 | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 0                     | 0                     | 0.0%     | 0                                 | 0                                 | 0.0%     |



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

|                            |     | Open   | Open   |      | ELEC | ELEC | %   | CME       | CME       | %       | Open   | Open   | %    | ELEC  | ELEC  | %      | CME       | CME       |        |
|----------------------------|-----|--------|--------|------|------|------|-----|-----------|-----------|---------|--------|--------|------|-------|-------|--------|-----------|-----------|--------|
| Commodity Indicator        |     | Outcry | Outcry | %    | APR  | APR  | CHG | ClearPort | ClearPort | CHG     | Outcry | Outcry | CHG  | Y.T.D | Y.T.D | CHG    | ClearPort | ClearPort | %      |
|                            |     | 2018   | 2017   |      | 2018 | 2017 |     | APR 2018  | APR 2017  |         | Y.T.D  | Y.T.D  |      | 2018  | 2017  |        | Y.T.D     | Y.T.D     |        |
| Energy Futures             |     |        |        |      |      |      |     |           |           |         |        |        |      |       |       |        |           |           |        |
| RBOB (PLATTS) CAL SWAP     | RY  | -      | 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     | 0     | 0.0%   | 0         | 0         | 0.0%   |
| RBOB UP-DOWN CALENDAR S    | RV  | -      | 0      | 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   | 600       | 625       | -4.0%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 1,150     | 9,585     | -88.0% |
| ROCKIES KERN OPAL - NW IN  | IR  | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%   | -         | 0         | 0.0%   |
| SAN JUAN BASIS SWAP        | NJ  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 214       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 31        | 214       | -85.5% |
| SAN JUAN PIPE SWAP         | XX  | 0      | -      | -    | 0    | -    |     | 360       | -         | -       | 0      | -      | -    | 0     | -     | -      | 360       | -         | -      |
| SINGAPORE 180CST BALMO     | BS  | 0      | 0      | 0.0% | 0    | 0    | 0   | 62        | 110       | -43.6%  | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 182       | 242       | -24.8% |
| SINGAPORE 380CST BALMO     | BT  | 0      | 0      | 0.0% | 0    | 0    | 0   | 120       | 307       | -60.9%  | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 409       | 847       | -51.7% |
| SINGAPORE 380CST FUEL OIL  | SE  | 0      | 0      | 0.0% | 0    | 0    | 0   | 9,418     | 9,680     | -2.7%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 27,521    | 50,251    | -45.2% |
| SINGAPORE FUEL 180CST CAL  | UA  | 0      | 0      | 0.0% | 0    | 0    | 0   | 1,324     | 1,307     | 1.3%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 3,364     | 5,397     | -37.7% |
| SINGAPORE FUEL OIL SPREAD  | SD  | 0      | 0      | 0.0% | 0    | 0    | 0   | 1,525     | 678       | 124.9%  | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 4,140     | 3,593     | 15.2%  |
| SINGAPORE GASOIL           | MTB | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 125       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 268       | 653       | -59.0% |
| SINGAPORE GASOIL           | MTS | 0      | 0      | 0.0% | 0    | 0    | 0   | 5,135     | 4,199     | 22.3%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 20,330    | 20,659    | -1.6%  |
| SINGAPORE GASOIL           | STL | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%   | -         | 0         | 0.0%   |
| SINGAPORE GASOIL           | STZ | 0      | 0      | 0.0% | 0    | 0    | 0   | 150       | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 4,300     | 400       | 975.0% |
| SINGAPORE GASOIL CALEND    | GDH | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -      | 50        | -         | -      |
| SINGAPORE GASOIL CALEND    | GDL | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -      | 250       | -         | -      |
| SINGAPORE GASOIL CALEND    | GHS | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -      | 0         | -         | -      |
| SINGAPORE GASOIL CALEND    | MGO | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -      | 200       | -         | -      |
| SINGAPORE GASOIL CALEND    | MSG | 0      | 0      | 0.0% | 0    | 0    | 0   | 160       | 400       | -60.0%  | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 3,919     | 1,574     | 149.0% |
| SINGAPORE GASOIL CALEND    | SGG | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -      | 325       | -         | -      |
| SINGAPORE GASOIL SWAP      | SG  | 0      | 0      | 0.0% | 0    | 13   | -1  | 5,640     | 8,734     | -35.4%  | 0      | 0      | 0.0% | 1     | 13    | -92.3% | 21,166    | 44,937    | -52.9% |
| SINGAPORE GASOIL VS ICE    | GA  | 0      | 0      | 0.0% | 0    | 0    | 0   | 9,325     | 4,855     | 92.1%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 74,060    | 44,275    | 67.3%  |
| SINGAPORE JET KERO BALMO   | BX  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 165       | 257       | -35.8% |
| SINGAPORE JET KERO GASOIL  | RK  | 0      | 0      | 0.0% | 0    | 0    | 0   | 1,175     | 2,275     | -48.4%  | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 19,295    | 9,580     | 101.4% |
| SINGAPORE JET KEROSENE S   | KS  | 0      | 0      | 0.0% | 0    | 0    | 0   | 1,210     | 1,125     | 7.6%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 4,845     | 5,769     | -16.0% |
| SINGAPORE JET KERO VS. GAS | ZO  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 25        | 0         | 0.0%   |
| SINGAPORE MOGAS 92 UNLEA   | 1P  | 0      | 0      | 0.0% | 0    | 0    | 0   | 300       | 315       | -4.8%   | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 1,663     | 422       | 294.1% |
| SINGAPORE MOGAS 92 UNLEA   | 1N  | 0      | 0      | 0.0% | 0    | 1    | -1  | 11,059    | 7,668     | 44.2%   | 0      | 0      | 0.0% | 1     | 1     | 0.0%   | 63,703    | 34,544    | 84.4%  |
| SINGAPORE NAPHTHA BALMO    | KU  | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0%   | -         | 0         | 0.0%   |
| SINGAPORE NAPHTHA SWAP     | SP  | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -      | 200       | -         | -      |
| SING FUEL                  | MSD | 0      | 0      | 0.0% | 0    | 0    | 0   | 55        | 10        | 450.0%  | 0      | 0      | 0.0% | 0     | 0     | 0.0%   | 55        | 35        | 57.1%  |
| SOCAL PIPE SWAP            | XN  | 0      | 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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|                           |     | Open   | Open   |      | ELEC | ELEC | %   | CME       | CME       | %       | Open   | Open   | %    | ELEC  | ELEC  | %    | CME       | CME       |         |
|---------------------------|-----|--------|--------|------|------|------|-----|-----------|-----------|---------|--------|--------|------|-------|-------|------|-----------|-----------|---------|
| Commodity                 |     | Outcry | Outcry | %    | APR  | APR  | CHG | ClearPort | ClearPort | CHG     | Outcry | Outcry | CHG  | Y.T.D | Y.T.D | CHG  | ClearPort | ClearPort | %       |
| Indicator                 |     | 2018   | 2017   |      | 2018 | 2017 |     | APR 2018  | APR 2017  |         | Y.T.D  | Y.T.D  |      | 2018  | 2017  |      | Y.T.D     | Y.T.D     |         |
| <b>Energy Futures</b>     |     |        |        |      |      |      |     |           |           |         |        |        |      |       |       |      |           |           |         |
| SONAT BASIS SWAP FUTURE   | SZ  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 0         | 0.0%    |
| SOUTHERN NAT LA NAT GAS   | M8  | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0% | -         | 0         | 0.0%    |
| SOUTH STAR TEX OKLHM KNS  | 8Z  | 0      | 0      | 0.0% | 0    | 0    | 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         | 702       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 91        | 3,656     | -97.5%  |
| SUMAS NAT GAS PLATTS FIXE | DVS | 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    | -    |     | 30        | -         | -       | 0      | -      | -    | 0     | -     | -    | 548       | -         | -       |
| TC5 RAS TANURA TO YOKOHA  | TH  | 0      | 0      | 0.0% | 0    | 0    | 0   | 20        | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 240       | 0         | 0.0%    |
| TCO BASIS SWAP            | TC  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 4,868     | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 7,216     | -100.0% |
| TCO NG INDEX SWAP         | Q1  | 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    | -    |     | 160       | -         | -       | 0      | -      | -    | 0     | -     | -    | 1,965     | -         | -       |
| TENN 800 LEG NAT GAS INDE | L4  | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0% | -         | 0         | 0.0%    |
| TENNESSEE 500 LEG BASIS S | NM  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 428       | -100.0% |
| TENNESSEE 800 LEG NG BASI | 6Z  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 0         | 0.0%    |
| TENNESSEE ZONE 0 BASIS SW | NQ  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 0         | 0.0%    |
| TETCO M-3 INDEX           | IX  | 0      | 0      | 0.0% | 0    | 0    | 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     | 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% | 0         | 7,547     | -100.0% |
| TEXAS GAS ZONE1 NG BASIS  | 9F  | 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 3 Basis      | CZ  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 302       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 302       | -100.0% |
| TRANSCO ZONE 3 NG INDEX S | Y6  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 6,256     | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 6,256     | -100.0% |
| TRANSCO ZONE4 BASIS SWAP  | TR  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 403       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 5,891     | -100.0% |
| TRANSCO ZONE 4 NAT GAS IN | B2  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 465       | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 465       | -100.0% |
| 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         | 2,870     | -100.0% |
| TRANSCO ZONE 6 INDEX      | IT  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 0         | 0.0%    | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 856       | -100.0% |
| UCM FUT                   | UCM | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 20        | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 50        | 81        | -38.3%  |
| ULSD 10PPM CIF MED BALMO  | X7  | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0% | -         | 0         | 0.0%    |
| ULSD 10PPM CIF MED SWAP   | Z6  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 15        | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 0         | 25        | -100.0% |
| ULSD 10PPM CIF MED VS ICE | Z7  | 0      | 0      | 0.0% | 0    | 0    | 0   | 0         | 15        | -100.0% | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 14        | 21        | -33.3%  |
| ULSD 10PPM CIF NW BALMO S | B1  | 0      | -      | -    | 0    | -    |     | 0         | -         | -       | 0      | -      | -    | 0     | -     | -    | 0         | -         | -       |
| ULSD 10PPM CIF VS ICE GAS | 7V  | -      | 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   | 5,525     | 2,715     | 103.5%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 19,765    | 17,105    | 15.6%   |
| UP DOWN GC ULSD VS NMX H  | LT  | 0      | 0      | 0.0% | 0    | 0    | 0   | 26,656    | 32,710    | -18.5%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 138,852   | 173,478   | -20.0%  |
| USGC UNL 87 CRACK SPREAD  | RU  | -      | 0      | 0.0% | -    | 0    | 0   | -         | 0         | 0.0%    | -      | 0      | 0.0% | -     | 0     | 0.0% | -         | 0         | 0.0%    |
| WAHA BASIS                | NW  | 0      | 0      | 0.0% | 0    | 0    | 0   | 839       | 151       | 455.6%  | 0      | 0      | 0.0% | 0     | 0     | 0.0% | 2,925     | 882       | 231.6%  |

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

| Commodity Indicator       |     | Open Outcry APR 2018 | Open Outcry APR 2017 | % CHG | ELEC APR 2018 | ELEC APR 2017 | % CHG | CME ClearPort APR 2018 | CME ClearPort APR 2017 | % CHG   | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG   | CME ClearPort Y.T.D 2018 | CME ClearPort Y.T.D 2017 | % CHG    |
|---------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|---------|--------------------------|--------------------------|----------|
| Energy Futures            |     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |         |                          |                          |          |
| WAHA INDEX SWAP FUTURE    | IY  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 0                        | 0.0%     |
| WESTERN RAIL DELIVERY PRB | QP  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 195                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 15                       | 735                      | -98.0%   |
| WTI-BRENT BULLET SWAP     | BY  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 6,300                  | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 6,300                    | 404                      | 1,459.4% |
| WTI-BRENT CALENDAR SWAP   | BK  | 0                    | 0                    | 0.0%  | 0             | 120           | -1    | 35,865                 | 5,065                  | 608.1%  | 0                      | 0                      | 0.0%  | 0               | 120             | -100.0% | 152,174                  | 32,697                   | 365.4%   |
| WTI CALENDAR              | CS  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 43,112                 | 36,677                 | 17.5%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 153,553                  | 149,449                  | 2.7%     |
| WTS (ARGUS) VS WTI SWAP   | FF  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 3,669                  | 6,270                  | -41.5%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 35,867                   | 16,659                   | 115.3%   |
| WTS (ARGUS) VS WTI TRD MT | FH  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,050                  | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 1,272                    | 2,410                    | -47.2%   |
| Energy Options            |     |                      |                      |       |               |               |       |                        |                        |         |                        |                        |       |                 |                 |         |                          |                          |          |
| 12 MO GASOIL CAL SWAP SPR | GXZ | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -       | 0                        | -                        | -        |
| 1 MO GASOIL CAL SWAP SPR  | GXA | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%    | -                      | 0                      | 0.0%  | -               | 0               | 0.0%    | -                        | 0                        | 0.0%     |
| BRENT 1 MONTH CAL         | AA  | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -       | 3,000                    | -                        | -        |
| BRENT CALENDAR SWAP       | BA  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 20                     | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 1,140                    | 1,982                    | -42.5%   |
| BRENT CRUDE OIL 12 M CSO  | 9Y  | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -       | 2,000                    | -                        | -        |
| BRENT CRUDE OIL 1 M CSO   | 9C  | 0                    | -                    | -     | 1,800         | -             |       | 130,744                | -                      | -       | 0                      | -                      | -     | 1,800           | -               | -       | 252,944                  | -                        | -        |
| BRENT CRUDE OIL 6 M CSO   | 9L  | 0                    | -                    | -     | 0             | -             |       | 1,000                  | -                      | -       | 0                      | -                      | -     | 0               | -               | -       | 1,000                    | -                        | -        |
| BRENT OIL LAST DAY        | BE  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 51,349                 | 8,572                  | 499.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 86,164                   | 14,680                   | 486.9%   |
| BRENT OIL LAST DAY        | BZO | 0                    | 0                    | 0.0%  | 49,268        | 1,468         | 32.56 | 82,121                 | 14,565                 | 463.8%  | 0                      | 0                      | 0.0%  | 156,908         | 15,005          | 945.7%  | 297,941                  | 58,850                   | 406.3%   |
| BRENT OIL LAST DAY        | OS  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 40              | 48              | -16.7%  | 1,000                    | 1,000                    | 0.0%     |
| COAL API2 INDEX           | CLA | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 225                    | 1,445                  | -84.4%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 2,965                    | 5,331                    | -44.4%   |
| COAL API2 INDEX           | CQA | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 400                    | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 1,050                    | 580                      | 81.0%    |
| COAL API2 INDEX           | MTC | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 50                       | -100.0%  |
| COAL API4 INDEX           | RLA | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 25                       | 0                        | 0.0%     |
| COAL API4 INDEX           | RQA | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 60                       | 0                        | 0.0%     |
| COAL SWAP                 | CPF | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 140                      | -100.0%  |
| COAL SWAP                 | RPF | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%    | 0                        | 85                       | -100.0%  |
| CRUDE OIL 1MO             | WA  | 0                    | 0                    | 0.0%  | 25,725        | 10,670        | 1.41  | 224,550                | 113,100                | 98.5%   | 0                      | 0                      | 0.0%  | 70,610          | 82,053          | -13.9%  | 680,650                  | 581,700                  | 17.0%    |
| CRUDE OIL APO             | AO  | 0                    | 0                    | 0.0%  | 120           | 30            | 3     | 56,827                 | 40,198                 | 41.4%   | 0                      | 0                      | 0.0%  | 166             | 40              | 315.0%  | 228,750                  | 137,878                  | 65.9%    |
| CRUDE OIL CALNDR STRIP    | 6F  | 0                    | -                    | -     | 0             | -             |       | 170                    | -                      | -       | 0                      | -                      | -     | 0               | -               | -       | 170                      | -                        | -        |
| 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       | DBP | 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                        | -                        | -        |

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

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|----------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|----------|------------------------|------------------------|-------|-----------------|-----------------|----------|--------------------------|--------------------------|---------|
| Energy Options             |     |                      |                      |       |               |               |       |                        |                        |          |                        |                        |       |                 |                 |          |                          |                          |         |
| CRUDE OIL PHY              | CD  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 3,850                  | 1,135                  | 239.2%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 7,025                    | 6,560                    | 7.1%    |
| CRUDE OIL PHY              | LC  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 13,590                 | 36,890                 | -63.2%   | 0                      | 0                      | 0.0%  | 700             | 9               | 7,677.8% | 52,591                   | 133,930                  | -60.7%  |
| CRUDE OIL PHY              | LO  | 0                    | 0                    | 0.0%  | 3,080,450     | 3,181,044     | -0.03 | 639,370                | 798,054                | -19.9%   | 0                      | 0                      | 0.0%  | 12,213,911      | 11,917,664      | 2.5%     | 2,703,902                | 2,930,871                | -7.7%   |
| CRUDE OIL PHY              | LO1 | 0                    | 0                    | 0.0%  | 14,510        | 10,115        | 0.43  | 0                      | 100                    | -100.0%  | 0                      | 0                      | 0.0%  | 48,112          | 36,708          | 31.1%    | 50                       | 100                      | -50.0%  |
| CRUDE OIL PHY              | LO2 | 0                    | 0                    | 0.0%  | 18,070        | 6,413         | 1.82  | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 55,313          | 32,134          | 72.1%    | 50                       | 150                      | -66.7%  |
| CRUDE OIL PHY              | LO3 | 0                    | 0                    | 0.0%  | 16,700        | 13,478        | 0.24  | 125                    | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 47,590          | 29,330          | 62.3%    | 325                      | 200                      | 62.5%   |
| CRUDE OIL PHY              | LO4 | 0                    | 0                    | 0.0%  | 18,310        | 20,137        | -0.09 | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 57,841          | 46,415          | 24.6%    | 50                       | 0                        | 0.0%    |
| CRUDE OIL PHY              | LO5 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 13,052          | 13,633          | -4.3%    | 225                      | 0                        | 0.0%    |
| ELEC FINSETTLED            | PML | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%     | -                        | 0                        | 0.0%    |
| ELEC MISO PEAK             | 9T  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 820                      | -100.0% |
| ETHANOL                    | CE1 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 175                    | 15                     | 1,066.7% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 275                      | 65                       | 323.1%  |
| ETHANOL                    | CE3 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 300                      | -100.0% |
| ETHANOL SWAP               | CVR | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 7,360                  | 5,395                  | 36.4%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 31,867                   | 21,707                   | 46.8%   |
| ETHANOL SWAP               | GVR | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 600                    | 515                    | 16.5%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 1,683                    | 770                      | 118.6%  |
| EURO-DENOMINATED PETRO P   | NWE | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%     | -                        | 0                        | 0.0%    |
| EUROPEAN JET KEROSENE N    | 30  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%    |
| GASOLINE                   | GCE | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%    |
| HEATING OIL CRACK OPTIONS  | CH  | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -        | 0                      | -                      | -     | 0               | -               | -        | 0                        | -                        | -       |
| HEATING OIL CRK SPD AVG PR | 3W  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%    |
| HEATING OIL PHY            | LB  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 900                      | -100.0% |
| HEATING OIL PHY            | OH  | 0                    | 0                    | 0.0%  | 6,185         | 4,867         | 0.27  | 19,359                 | 21,718                 | -10.9%   | 0                      | 0                      | 0.0%  | 27,473          | 18,391          | 49.4%    | 107,036                  | 87,352                   | 22.5%   |
| HENRY HUB FINANCIAL LAST   | E7  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,386                  | 3,480                  | -60.2%   | 0                      | 0                      | 0.0%  | 5               | 0               | 0.0%     | 14,443                   | 16,141                   | -10.5%  |
| HO 1 MONTH CLNDR OPTIONS   | FA  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 1,300                  | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 1,300                    | -100.0% |
| HUSTN SHIP CHNL PIPE SWP   | PK  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%     | -                        | 0                        | 0.0%    |
| LLS CRUDE OIL              | WJO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 100                      | 5,100                    | -98.0%  |
| LLS CRUDE OIL              | YVO | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -        | 0                      | -                      | -     | 0               | -               | -        | 0                        | -                        | -       |
| MCCLOSKY ARA ARGS COAL     | MTO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 90                       | 540                      | -83.3%  |
| MCCLOSKY RCH BAY COAL      | MFO | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 200                    | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 1,725                    | 0                        | 0.0%    |
| NATURAL GAS                | G10 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 250                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 250                      | -100.0% |
| NATURAL GAS 1 M CSO FIN    | G4  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 150                    | 109,700                | -99.9%   | 0                      | 0                      | 0.0%  | 1               | 0               | 0.0%     | 212,691                  | 165,700                  | 28.4%   |
| NATURAL GAS 2 M CSO FIN    | G2  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 2,750                    | -100.0% |
| NATURAL GAS 3 M CSO FIN    | G3  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 7,815                  | 5,750                  | 35.9%    | 0                      | 0                      | 0.0%  | 1               | 0               | 0.0%     | 14,295                   | 19,650                   | -27.3%  |
| NATURAL GAS 5 M CSO FIN    | G5  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,100                  | 825                    | 33.3%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 2,550                    | 4,050                    | -37.0%  |
| NATURAL GAS 6 M CSO FIN    | G6  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,000                  | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 63,650                   | 33,870                   | 87.9%   |

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## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

|                           | Commodity Indicator | Open Outcry APR 2018 | Open Outcry APR 2017 | % CHG | ELEC APR 2018 | ELEC APR 2017 | % CHG | CME ClearPort APR 2018 | CME ClearPort APR 2017 | % CHG    | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG    | CME ClearPort Y.T.D 2018 | CME ClearPort Y.T.D 2017 | % CHG   |
|---------------------------|---------------------|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|----------|------------------------|------------------------|-------|-----------------|-----------------|----------|--------------------------|--------------------------|---------|
| Energy Options            |                     |                      |                      |       |               |               |       |                        |                        |          |                        |                        |       |                 |                 |          |                          |                          |         |
| NATURAL GAS OPTION ON CAL | 6J                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 4,584                  | 120                    | 3,720.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 18,408                   | 3,800                    | 384.4%  |
| NATURAL GAS PHY           | KD                  | 0                    | 0                    | 0.0%  | 9,242         | 811           | 10.4  | 9,150                  | 28,455                 | -67.8%   | 0                      | 0                      | 0.0%  | 59,301          | 1,344           | 4,312.3% | 32,325                   | 117,635                  | -72.5%  |
| NATURAL GAS PHY           | LN                  | 0                    | 0                    | 0.0%  | 691,388       | 817,960       | -0.15 | 583,758                | 1,055,854              | -44.7%   | 0                      | 0                      | 0.0%  | 4,975,821       | 3,345,241       | 48.7%    | 3,368,270                | 5,789,362                | -41.8%  |
| NATURAL GAS PHY           | ON                  | 0                    | 0                    | 0.0%  | 100,667       | 156,092       | -0.36 | 12,422                 | 1,489                  | 734.3%   | 0                      | 0                      | 0.0%  | 689,755         | 809,582         | -14.8%   | 47,696                   | 26,220                   | 81.9%   |
| NATURAL GAS PHY           | ON1                 | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%     | -                        | 0                        | 0.0%    |
| NG HH 3 MONTH CAL         | IC                  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%     | -                        | 0                        | 0.0%    |
| N ROCKIES PIPE SWAP       | ZR                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 450                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 1,506                    | -100.0% |
| NY HARBOR HEAT OIL SWP    | AT                  | 0                    | 0                    | 0.0%  | 98            | 31            | 2.16  | 1,758                  | 3,159                  | -44.3%   | 0                      | 0                      | 0.0%  | 157             | 215             | -27.0%   | 11,586                   | 12,028                   | -3.7%   |
| NYISO ZONE G 5MW PEAK OPT | 9U                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 19,830                   | -100.0% |
| NYMEX EUROPEAN GASOIL AP  | F7                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%    |
| NYMEX EUROPEAN GASOIL OP  | F8                  | -                    | 0                    | 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               | 0               | 0.0%     | 0                        | 2,880                    | -100.0% |
| PETROCHEMICALS            | 4H                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 500                    | 515                    | -2.9%    | 0                      | 0                      | 0.0%  | 5               | 0               | 0.0%     | 2,128                    | 2,297                    | -7.4%   |
| PETROCHEMICALS            | 4J                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 255                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 1,350                    | 2,180                    | -38.1%  |
| PETROCHEMICALS            | 4K                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%    |
| PETROCHEMICALS            | CPR                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 18                     | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 18                       | -100.0% |
| PETRO OUTRIGHT EURO       | 8H                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 300                      | -100.0% |
| PETRO OUTRIGHT NA         | DAP                 | 0                    | -                    | -     | 0             | -             |       | 0                      | -                      | -        | 0                      | -                      | -     | 0               | -               | -        | 0                        | -                        | -       |
| PJM MONTHLY               | JO                  | -                    | 0                    | 0.0%  | -             | 0             | 0     | -                      | 0                      | 0.0%     | -                      | 0                      | 0.0%  | -               | 0               | 0.0%     | -                        | 0                        | 0.0%    |
| PJM WES HUB PEAK CAL MTH  | 6OA                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 170                    | 480                    | -64.6%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 250                      | 2,540                    | -90.2%  |
| PJM WES HUB PEAK CAL MTH  | JOA                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 880                      | 0                        | 0.0%    |
| PJM WES HUB PEAK LMP 50MW | PMA                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 1,282                  | 1,752                  | -26.8%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 4,275                    | 9,919                    | -56.9%  |
| 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%     | 500                      | 0                        | 0.0%    |
| RBOB CALENDAR SWAP        | RA                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 460                    | 460                    | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 910                      | 2,025                    | -55.1%  |
| RBOB PHY                  | OB                  | 0                    | 0                    | 0.0%  | 2,905         | 4,148         | -0.3  | 5,445                  | 31,720                 | -82.8%   | 0                      | 0                      | 0.0%  | 19,329          | 21,247          | -9.0%    | 27,105                   | 72,339                   | -62.5%  |
| RBOB PHY                  | RF                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 125                      | 60                       | 108.3%  |
| ROTTERDAM 3.5%FUEL OIL CL | Q6                  | 0                    | 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        | PJ                  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 900                    | 270                    | 233.3%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 900                      | 900                      | 0.0%    |
| SHORT TERM                | U11                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 400                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 300                      | 1,170                    | -74.4%  |
| SHORT TERM                | U12                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 325                    | 325                    | 0.0%     | 0                      | 0                      | 0.0%  | 85              | 0               | 0.0%     | 450                      | 920                      | -51.1%  |
| SHORT TERM                | U13                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 100                    | 50                     | 100.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 100                      | 975                      | -89.7%  |
| SHORT TERM                | U14                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 10              | 0               | 0.0%     | 625                      | 800                      | -21.9%  |
| SHORT TERM                | U15                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 125             | 0               | 0.0%     | 150                      | 1,615                    | -90.7%  |
| SHORT TERM                | U22                 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 1,025                    | 450                      | 127.8%  |



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| Commodity Indicator       |     | Open Outcry APR 2018 | Open Outcry APR 2017 | % CHG | ELEC APR 2018 | ELEC APR 2017 | % CHG | CME ClearPort APR 2018 | CME ClearPort APR 2017 | % CHG    | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG    | CME ClearPort Y.T.D 2018 | CME ClearPort Y.T.D 2017 | % CHG    |
|---------------------------|-----|----------------------|----------------------|-------|---------------|---------------|-------|------------------------|------------------------|----------|------------------------|------------------------|-------|-----------------|-----------------|----------|--------------------------|--------------------------|----------|
| Energy Options            |     |                      |                      |       |               |               |       |                        |                        |          |                        |                        |       |                 |                 |          |                          |                          |          |
| SHORT TERM                | U23 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 250                    | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 80              | 0               | 0.0%     | 500                      | 620                      | -19.4%   |
| SHORT TERM                | U24 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 730                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 100                      | 1,230                    | -91.9%   |
| SHORT TERM                | U25 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 100                      | -100.0%  |
| SHORT TERM                | U26 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 300                    | 20                     | 1,400.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 300                      | 20                       | 1,400.0% |
| SHORT TERM NATURAL GAS    | U01 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 425                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 125                      | 1,150                    | -89.1%   |
| SHORT TERM NATURAL GAS    | U02 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 75              | 0               | 0.0%     | 900                      | 855                      | 5.3%     |
| SHORT TERM NATURAL GAS    | U03 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 30              | 0               | 0.0%     | 100                      | 890                      | -88.8%   |
| SHORT TERM NATURAL GAS    | U04 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 125                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 250                      | 200                      | 25.0%    |
| SHORT TERM NATURAL GAS    | U05 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 200                    | 550                    | -63.6%   | 0                      | 0                      | 0.0%  | 25              | 0               | 0.0%     | 600                      | 600                      | 0.0%     |
| SHORT TERM NATURAL GAS    | U06 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 450                    | 600                    | -25.0%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 450                      | 4,500                    | -90.0%   |
| SHORT TERM NATURAL GAS    | U07 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 500                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 250                      | 1,675                    | -85.1%   |
| SHORT TERM NATURAL GAS    | U08 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 1,225                    | 1,850                    | -33.8%   |
| SHORT TERM NATURAL GAS    | U09 | 0                    | 0                    | 0.0%  | 33            | 0             | 0     | 425                    | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 34              | 0               | 0.0%     | 700                      | 1,380                    | -49.3%   |
| SHORT TERM NATURAL GAS    | U10 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 100                    | 300                    | -66.7%   | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 200                      | 3,700                    | -94.6%   |
| SHORT TERM NATURAL GAS    | U16 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 35              | 0               | 0.0%     | 550                      | 400                      | 37.5%    |
| SHORT TERM NATURAL GAS    | U17 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 300                    | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 70              | 0               | 0.0%     | 450                      | 1,155                    | -61.0%   |
| SHORT TERM NATURAL GAS    | U18 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 500                      | 0                        | 0.0%     |
| SHORT TERM NATURAL GAS    | U19 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 125                    | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 60              | 0               | 0.0%     | 125                      | 805                      | -84.5%   |
| SHORT TERM NATURAL GAS    | U20 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 50                     | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 1,525                    | -100.0%  |
| SHORT TERM NATURAL GAS    | U21 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 250                    | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 665                      | -100.0%  |
| SHORT TERM NATURAL GAS    | U27 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 150                    | 120                    | 25.0%    | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 400                      | 1,870                    | -78.6%   |
| SHORT TERM NATURAL GAS    | U28 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 45                     | -100.0%  | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 100                      | 245                      | -59.2%   |
| SHORT TERM NATURAL GAS    | U29 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 300                      | 0                        | 0.0%     |
| SHORT TERM NATURAL GAS    | U30 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 100                      | 660                      | -84.8%   |
| SHORT TERM NATURAL GAS    | U31 | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 25              | 0               | 0.0%     | 0                        | 3,385                    | -100.0%  |
| SINGAPORE GASOIL CALEND   | M2  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%     |
| SINGAPORE JET FUEL CALEND | N2  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 0                      | 0                      | 0.0%     | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%     | 0                        | 0                        | 0.0%     |
| SOCAL PIPE SWAP           | ZN  | 0                    | 0                    | 0.0%  | 0             | 0             | 0     | 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%  | 18,100        | 300           | 59.33 | 122,660                | 30,973                 | 296.0%   | 0                      | 0                      | 0.0%  | 128,821         | 3,840           | 3,254.7% | 397,667                  | 187,293                  | 112.3%   |
| WTI CRUDE OIL 1 M CSO FI  | 7A  | 0                    | 0                    | 0.0%  | 750           | 0             | 0     | 116,750                | 27,200                 | 329.2%   | 0                      | 0                      | 0.0%  | 10,950          | 0               | 0.0%     | 310,100                  | 199,300                  | 55.6%    |

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|                             |     | Open   | Open   |      | ELEC      | ELEC      | %     | CME       | CME       | %        | Open   | Open   |      | ELEC       | ELEC       | %        | CME       | CME       |          |
|-----------------------------|-----|--------|--------|------|-----------|-----------|-------|-----------|-----------|----------|--------|--------|------|------------|------------|----------|-----------|-----------|----------|
| Commodity Indicator         |     | Outcry | Outcry | %    | APR       | APR       | CHG   | ClearPort | ClearPort | CHG      | Outcry | Outcry | %    | Y.T.D      | Y.T.D      | CHG      | ClearPort | ClearPort | %        |
|                             |     | 2018   | 2017   |      | 2018      | 2017      |       | APR 2018  | APR 2017  |          | Y.T.D  | Y.T.D  |      | 2018       | 2017       |          | Y.T.D     | Y.T.D     |          |
| <b>Metals Futures</b>       |     |        |        |      |           |           |       |           |           |          |        |        |      |            |            |          |           |           |          |
| COMEX GOLD                  | GC  | 0      | 0      | 0.0% | 6,403,880 | 4,461,090 | 0.44  | 251,181   | 151,076   | 66.3%    | 0      | 0      | 0.0% | 28,865,817 | 20,383,912 | 41.6%    | 1,065,768 | 718,742   | 48.3%    |
| NYMEX HOT ROLLED STEEL      | HR  | 0      | 0      | 0.0% | 2,748     | 152       | 17.08 | 9,326     | 1,030     | 805.4%   | 0      | 0      | 0.0% | 12,025     | 728        | 1,551.8% | 29,211    | 11,722    | 149.2%   |
| NYMEX PLATINUM              | PL  | 0      | 0      | 0.0% | 412,608   | 274,939   | 0.5   | 11,097    | 5,636     | 96.9%    | 0      | 0      | 0.0% | 1,734,008  | 1,386,755  | 25.0%    | 42,998    | 41,925    | 2.6%     |
| PALLADIUM                   | PA  | 0      | 0      | 0.0% | 139,059   | 92,121    | 0.51  | 6,079     | 5,740     | 5.9%     | 0      | 0      | 0.0% | 487,400    | 427,334    | 14.1%    | 22,291    | 22,442    | -0.7%    |
| URANIUM                     | UX  | 0      | 0      | 0.0% | 27        | 0         | 0     | 0         | 200       | -100.0%  | 0      | 0      | 0.0% | 79         | 412        | -80.8%   | 833       | 2,082     | -60.0%   |
| COMEX SILVER                | SI  | 0      | 0      | 0.0% | 2,519,813 | 2,056,271 | 0.23  | 105,943   | 64,606    | 64.0%    | 0      | 0      | 0.0% | 8,552,886  | 6,671,830  | 28.2%    | 257,499   | 168,290   | 53.0%    |
| COMEX E-Mini GOLD           | QO  | 0      | 0      | 0.0% | 6,988     | 7,370     | -0.05 | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 28,545     | 38,377     | -25.6%   | 0         | 0         | 0.0%     |
| COMEX E-Mini SILVER         | QI  | 0      | 0      | 0.0% | 1,201     | 720       | 0.67  | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 4,959      | 3,406      | 45.6%    | 0         | 0         | 0.0%     |
| COMEX COPPER                | HG  | 0      | 0      | 0.0% | 3,055,902 | 2,238,991 | 0.36  | 35,055    | 27,794    | 26.1%    | 0      | 0      | 0.0% | 11,250,981 | 8,008,170  | 40.5%    | 112,345   | 126,713   | -11.3%   |
| COMEX MINY COPPER           | QC  | 0      | 0      | 0.0% | 531       | 790       | -0.33 | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 2,399      | 3,614      | -33.6%   | 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         | 30        | -100.0%  |
| ALUMINUM                    | AEP | 0      | 0      | 0.0% | 0         | 20        | -1    | 2,988     | 1,385     | 115.7%   | 0      | 0      | 0.0% | 0          | 60         | -100.0%  | 7,036     | 15,399    | -54.3%   |
| ALUMINUM                    | ALA | 0      | 0      | 0.0% | 0         | 0         | 0     | 2,050     | 0         | 0.0%     | 0      | 0      | 0.0% | 0          | 0          | 0.0%     | 2,925     | 100       | 2,825.0% |
| ALUMINUM                    | ALI | 0      | 0      | 0.0% | 0         | 220       | -1    | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 0          | 3,414      | -100.0%  | 0         | 620       | -100.0%  |
| ALUMINUM                    | AUP | 0      | 0      | 0.0% | 1,107     | 132       | 7.39  | 10,098    | 4,821     | 109.5%   | 0      | 0      | 0.0% | 3,204      | 939        | 241.2%   | 47,254    | 33,801    | 39.8%    |
| ALUMINUM                    | CUP | 0      | -      | -    | 0         | -         |       | 0         | -         | -        | 0      | -      | -    | 25         | -          | -        | 180       | -         | -        |
| ALUMINUM                    | EDP | 0      | 0      | 0.0% | 0         | 0         | 0     | 174       | 375       | -53.6%   | 0      | 0      | 0.0% | 5          | 2          | 150.0%   | 6,687     | 975       | 585.8%   |
| ALUMINUM                    | MJP | 0      | 0      | 0.0% | 0         | 0         | 0     | 1,194     | 0         | 0.0%     | 0      | 0      | 0.0% | 0          | 10         | -100.0%  | 7,299     | 4,648     | 57.0%    |
| COPPER                      | HGS | 0      | 0      | 0.0% | 0         | 0         | 0     | 691       | 307       | 125.1%   | 0      | 0      | 0.0% | 0          | 0          | 0.0%     | 10,073    | 923       | 991.3%   |
| E-MICRO GOLD                | MGC | 0      | 0      | 0.0% | 133,405   | 84,964    | 0.57  | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 519,152    | 345,221    | 50.4%    | 0         | 0         | 0.0%     |
| FERROUS PRODUCTS            | BUS | 0      | 0      | 0.0% | 4         | 0         | 0     | 1,483     | 30        | 4,843.3% | 0      | 0      | 0.0% | 46         | 35         | 31.4%    | 9,148     | 180       | 4,982.2% |
| GOLD                        | GPS | 0      | 0      | 0.0% | 0         | 0         | 0     | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 0          | 0          | 0.0%     | 0         | 0         | 0.0%     |
| Gold Kilo                   | GCK | 0      | 0      | 0.0% | 60        | 230       | -0.74 | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 136        | 1,631      | -91.7%   | 0         | 0         | 0.0%     |
| 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         | 1,292     | -100.0%  |
| IRON ORE 62 CHINA TSI FUTUR | TIO | 0      | 0      | 0.0% | 10        | 301       | -0.97 | 3,579     | 11,048    | -67.6%   | 0      | 0      | 0.0% | 26         | 1,529      | -98.3%   | 14,388    | 42,497    | -66.1%   |
| LNDN ZINC                   | ZNC | 0      | 0      | 0.0% | 7         | 15        | -0.53 | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 40         | 35         | 14.3%    | 0         | 0         | 0.0%     |
| METALS                      | LED | -      | 0      | 0.0% | -         | 0         | 0     | -         | 0         | 0.0%     | -      | 0      | 0.0% | -          | 0          | 0.0%     | -         | 0         | 0.0%     |
| SILVER                      | SIL | 0      | 0      | 0.0% | 9,335     | 4,643     | 1.01  | 0         | 0         | 0.0%     | 0      | 0      | 0.0% | 29,268     | 19,690     | 48.6%    | 0         | 0         | 0.0%     |

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| Commodity Indicator          |     | Open Outcry APR 2018 | Open Outcry APR 2017 | % CHG | ELEC APR 2018 | ELEC APR 2017 | % CHG  | CME ClearPort APR 2018 | CME ClearPort APR 2017 | % CHG   | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG  | CME ClearPort Y.T.D 2018 | CME ClearPort Y.T.D 2017 | % CHG    |
|------------------------------|-----|----------------------|----------------------|-------|---------------|---------------|--------|------------------------|------------------------|---------|------------------------|------------------------|-------|-----------------|-----------------|--------|--------------------------|--------------------------|----------|
| Metals Options               |     |                      |                      |       |               |               |        |                        |                        |         |                        |                        |       |                 |                 |        |                          |                          |          |
| COMEX COPPER                 | HX  | 0                    | 0                    | 0.0%  | 14,079        | 3,989         | 2.53   | 10,285                 | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 59,123          | 13,253          | 346.1% | 23,093                   | 2,679                    | 762.0%   |
| COMEX GOLD                   | OG  | 0                    | 0                    | 0.0%  | 754,169       | 627,619       | 0.2    | 205,170                | 156,373                | 31.2%   | 0                      | 0                      | 0.0%  | 3,043,068       | 2,450,183       | 24.2%  | 799,654                  | 684,048                  | 16.9%    |
| COMEX SILVER                 | SO  | 0                    | 0                    | 0.0%  | 152,003       | 103,427       | 0.47   | 25,204                 | 10,357                 | 143.4%  | 0                      | 0                      | 0.0%  | 512,645         | 367,784         | 39.4%  | 78,555                   | 50,876                   | 54.4%    |
| GOLD                         | OG1 | 0                    | 0                    | 0.0%  | 10,641        | 2,331         | 3.56   | 60                     | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 40,212          | 9,606           | 318.6% | 860                      | 0                        | 0.0%     |
| GOLD                         | OG2 | 0                    | 0                    | 0.0%  | 7,328         | 2,514         | 1.91   | 0                      | 300                    | -100.0% | 0                      | 0                      | 0.0%  | 29,854          | 9,238           | 223.2% | 2,670                    | 600                      | 345.0%   |
| GOLD                         | OG3 | 0                    | 0                    | 0.0%  | 8,271         | 3,763         | 1.2    | 0                      | 50                     | -100.0% | 0                      | 0                      | 0.0%  | 33,082          | 12,144          | 172.4% | 3,550                    | 1,210                    | 193.4%   |
| GOLD                         | OG4 | 0                    | 0                    | 0.0%  | 8,085         | 1,897         | 3.26   | 0                      | 100                    | -100.0% | 0                      | 0                      | 0.0%  | 22,261          | 4,663           | 377.4% | 1,250                    | 100                      | 1,150.0% |
| GOLD                         | OG5 | 0                    | 0                    | 0.0%  | 0             | 0             | 0      | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 6,835           | 2,608           | 162.1% | 0                        | 0                        | 0.0%     |
| HOT ROLLED COIL STEEL CALL   | HRO | 0                    | -                    | -     | 0             | -             |        | 0                      | -                      | -       | 0                      | -                      | -     | 0               | -               | -      | 0                        | -                        | -        |
| IRON ORE 62 CHINA TSI CALL C | ICT | 0                    | 0                    | 0.0%  | 0             | 0             | 0      | 0                      | 3,250                  | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 200                      | 7,832                    | -97.4%   |
| IRON ORE 62 CHINA TSI PUT O  | ICT | 0                    | 0                    | 0.0%  | 0             | 0             | 0      | 0                      | 460                    | -100.0% | 0                      | 0                      | 0.0%  | 0               | 0               | 0.0%   | 1,080                    | 12,685                   | -91.5%   |
| NYMEX PLATINUM               | PO  | 0                    | 0                    | 0.0%  | 741           | 895           | -0.17  | 200                    | 1,700                  | -88.2%  | 0                      | 0                      | 0.0%  | 5,798           | 2,514           | 130.6% | 6,736                    | 7,839                    | -14.1%   |
| PALLADIUM                    | PAO | 0                    | 0                    | 0.0%  | 2,273         | 1,333         | 0.71   | 2,317                  | 3,369                  | -31.2%  | 0                      | 0                      | 0.0%  | 7,630           | 3,418           | 123.2% | 6,732                    | 10,179                   | -33.9%   |
| SILVER                       | SO1 | 0                    | 0                    | 0.0%  | 121           | 111           | 0.09   | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 621             | 223             | 178.5% | 0                        | 0                        | 0.0%     |
| SILVER                       | SO2 | 0                    | 0                    | 0.0%  | 115           | 0             | 0      | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 350             | 140             | 150.0% | 0                        | 0                        | 0.0%     |
| SILVER                       | SO3 | 0                    | 0                    | 0.0%  | 321           | 0             | 0      | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 758             | 180             | 321.1% | 0                        | 0                        | 0.0%     |
| SILVER                       | SO4 | 0                    | 0                    | 0.0%  | 46            | 7             | 5.57   | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 365             | 43              | 748.8% | 0                        | 0                        | 0.0%     |
| SILVER                       | SO5 | 0                    | 0                    | 0.0%  | 0             | 0             | 0      | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 133             | 0               | 0.0%   | 0                        | 0                        | 0.0%     |
| TOTAL FUTURES GROUP          |     |                      |                      |       |               |               |        |                        |                        |         |                        |                        |       |                 |                 |        |                          |                          |          |
| Ag Products Futures          |     | 0                    | 0                    | 0.0%  | 63            | 24            | 162.5% | 0                      | 0                      | 0.0%    | 0                      | 0                      | 0.0%  | 65              | 95              | -31.6% | 0                        | 0                        | 0.0%     |
| Energy Futures               |     | 0                    | 0                    | 0.0%  | 45,962,519    | 36,817,497    | 24.8%  | 2,695,990              | 4,831,948              | -44.2%  | 0                      | 0                      | 0.0%  | 183,270,392     | 158,454,079     | 15.7%  | 11,939,822               | 17,288,059               | -30.9%   |
| Metals Futures               |     | 0                    | 0                    | 0.0%  | 12,686,685    | 9,222,969     | 37.6%  | 440,938                | 274,048                | 60.9%   | 0                      | 0                      | 0.0%  | 51,491,001      | 37,297,104      | 38.1%  | 1,635,935                | 1,192,381                | 37.2%    |
| TOTAL FUTURES                |     | 0                    | 0                    | 0.0%  | 58,649,267    | 46,040,490    | 27.4%  | 3,136,928              | 5,105,996              | -38.6%  | 0                      | 0                      | 0.0%  | 234,761,458     | 195,751,278     | 19.9%  | 13,575,757               | 18,480,440               | -26.5%   |
| TOTAL OPTIONS GROUP          |     |                      |                      |       |               |               |        |                        |                        |         |                        |                        |       |                 |                 |        |                          |                          |          |
| Energy Options               |     | 0                    | 0                    | 0.0%  | 4,054,321     | 4,227,564     | -4.1%  | 2,106,030              | 2,350,687              | -10.4%  | 0                      | 0                      | 0.0%  | 18,578,316      | 16,372,899      | 13.5%  | 9,008,832                | 10,723,194               | -16.0%   |
| Metals Options               |     | 0                    | 0                    | 0.0%  | 958,193       | 747,886       | 28.1%  | 243,236                | 175,959                | 38.2%   | 0                      | 0                      | 0.0%  | 3,762,735       | 2,875,997       | 30.8%  | 924,380                  | 778,048                  | 18.8%    |
| TOTAL OPTIONS                |     | 0                    | 0                    | 0.0%  | 5,012,514     | 4,975,450     | 0.7%   | 2,349,266              | 2,526,646              | -7.0%   | 0                      | 0                      | 0.0%  | 22,341,051      | 19,248,896      | 16.1%  | 9,933,212                | 11,501,242               | -13.6%   |

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| Commodity<br>Indicator | Open<br>Outcry<br>APR<br>2018 | Open<br>Outcry<br>APR<br>2017 | %<br>CHG | ELEC<br>APR<br>2018 | ELEC<br>APR 2017 | %<br>CHG | CME<br>ClearPort<br>APR 2018 | CME<br>ClearPort<br>APR 2017 | %<br>CHG | Open<br>Outcry<br>Y.T.D<br>2018 | Open<br>Outcry<br>Y.T.D<br>2017 | %<br>CHG | ELEC<br>Y.T.D<br>2018 | ELEC<br>Y.T.D<br>2017 | %<br>CHG | CME<br>ClearPort<br>Y.T.D<br>2018 | CME<br>ClearPort<br>Y.T.D<br>2017 | %<br>CHG |
|------------------------|-------------------------------|-------------------------------|----------|---------------------|------------------|----------|------------------------------|------------------------------|----------|---------------------------------|---------------------------------|----------|-----------------------|-----------------------|----------|-----------------------------------|-----------------------------------|----------|
| TOTAL COMBINED         |                               |                               |          |                     |                  |          |                              |                              |          |                                 |                                 |          |                       |                       |          |                                   |                                   |          |
| Ag Products            | 0                             | 0                             | 0.0%     | 63                  | 24               | 162.5%   | 0                            | 0                            | 0.0%     | 0                               | 0                               | 0.0%     | 65                    | 95                    | -31.6%   | 0                                 | 0                                 | 0.0%     |
| Energy                 | 0                             | 0                             | 0.0%     | 50,016,840          | 41,045,061       | 21.9%    | 4,802,020                    | 7,182,635                    | -33.1%   | 0                               | 0                               | 0.0%     | 201,848,708           | 174,826,978           | 15.5%    | 20,948,654                        | 28,011,253                        | -25.2%   |
| Metals                 | 0                             | 0                             | 0.0%     | 13,644,878          | 9,970,855        | 36.8%    | 684,174                      | 450,007                      | 52.0%    | 0                               | 0                               | 0.0%     | 55,253,736            | 40,173,101            | 37.5%    | 2,560,315                         | 1,970,429                         | 29.9%    |
| GRAND TOTAL            | 0                             | 0                             | 0.0%     | 63,661,781          | 51,015,940       | 24.8%    | 5,486,194                    | 7,632,642                    | -28.1%   | 0                               | 0                               | 0.0%     | 257,102,509           | 215,000,174           | 19.6%    | 23,508,969                        | 29,981,682                        | -21.6%   |