



## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Interest Rate Futures</b>								
30-YR BOND	5,115,363	4,620,391	10.7%	8,212,611	-37.7%	73,337,240	70,203,290	4.5%
10-YR NOTE	23,377,816	23,204,372	0.7%	41,497,375	-43.7%	375,338,442	350,762,158	7.0%
5-YR NOTE	14,526,848	13,745,363	5.7%	27,741,309	-47.6%	226,441,088	201,904,771	12.2%
2-YR NOTE	6,212,074	4,773,794	30.1%	14,716,398	-57.8%	97,249,457	81,874,197	18.8%
FED FUND	2,923,182	2,050,712	42.5%	2,790,851	4.7%	47,978,260	33,299,445	44.1%
EURODOLLARS	46,831,739	61,808,657	-24.2%	49,599,779	-5.6%	639,847,185	654,947,336	-2.3%
5-YR SWAP RATE	63,528	108,833	-41.6%	21,609	194.0%	566,751	792,880	-28.5%
2-YR SWAP RATE	0	0	0.0%	0	0.0%	0	4,418	-100.0%
10-YR SWAP RATE	76,225	96,412	-20.9%	28,761	165.0%	601,992	631,279	-4.6%
7-YR SWAP	0	0	0.0%	0	0.0%	0	3,052	-100.0%
1-MONTH EURODOLLAR	11,747	6,804	72.6%	4,420	165.8%	66,122	19,687	235.9%
ULTRA T-BOND	2,104,033	1,828,710	15.1%	4,989,641	-57.8%	33,625,955	28,430,003	18.3%
30-YR SWAP RATE	376	2,565	-85.3%	133	182.7%	10,759	21,236	-49.3%
Ultra 10-Year Note	2,407,868	1,836,086	31.1%	4,103,050	-41.3%	29,309,367	16,979,453	72.6%
2YR BUNDLE	0	0	0.0%	0	-	0	0	0.0%
3YR BUNDLE	0	0	0.0%	0	-	0	0	0.0%
EURO 5YR BUNDLE	0	0	0.0%	0	-	0	0	0.0%
<b>Interest Rate Options</b>								
30-YR BOND	2,128,175	1,407,744	51.2%	1,922,191	10.7%	27,156,898	21,244,372	27.8%
10-YR NOTE	7,634,263	9,757,457	-21.8%	9,856,873	-22.5%	128,546,313	98,504,626	30.5%
5-YR NOTE	1,740,283	1,671,452	4.1%	2,216,853	-21.5%	29,659,494	23,880,566	24.2%
2-YR NOTE	268,560	76,309	251.9%	282,671	-5.0%	2,292,507	1,683,900	36.1%
FED FUND	0	1,305	-100.0%	65	-100.0%	16,880	94,739	-82.2%
EURODOLLARS	10,755,825	9,638,943	11.6%	10,297,198	4.5%	153,425,834	168,254,035	-8.8%
EURO MIDCURVE	11,871,252	17,375,415	-31.7%	18,023,786	-34.1%	190,004,215	140,529,194	35.2%
ULTRA T-BOND	5,754	1,255	358.5%	3,989	44.2%	40,304	86,253	-53.3%
Ultra 10-Year Note	0	1,375	-100.0%	0	0.0%	8,487	42,788	-80.2%

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<b>Equity Index Futures</b>								
DJIA	0	0	0.0%	0	-	0	0	0.0%
E-MINI S&P500	30,603,961	36,147,922	-15.3%	27,662,136	10.6%	365,601,616	472,678,663	-22.7%
S&P 500	194,543	286,440	-32.1%	78,261	148.6%	1,509,263	2,237,877	-32.6%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	-	0	0	0.0%
E-MINI MIDCAP	457,169	538,251	-15.1%	282,517	61.8%	4,332,040	5,405,757	-19.9%
S&P 400 MIDCAP	0	0	0.0%	0	-	0	0	0.0%
S&P 500 GROWTH	34	59	-42.4%	1	3,300.0%	285	290	-1.7%
S&P 500/VALUE	16,492	18,715	-11.9%	12,212	35.0%	227,150	133,679	69.9%
E-MINI RUSSELL 2000	3,548,925	0	-	2,252,563	57.6%	11,255,598	0	-
E-MINI RUSSELL 1000	23,955	984	2,334.5%	8,359	186.6%	68,918	5,213	1,222.0%
E-MINI NASDAQ 100	6,526,135	4,476,219	45.8%	6,481,711	0.7%	69,559,095	65,750,522	5.8%
NASDAQ	0	0	0.0%	0	-	0	0	0.0%
NIKKEI 225 (\$) STOCK	348,348	307,985	13.1%	425,097	-18.1%	3,375,130	4,288,493	-21.3%
NIKKEI 225 (YEN) STOCK	753,757	1,053,842	-28.5%	1,150,666	-34.5%	10,851,751	14,805,432	-26.7%
DJ US REAL ESTATE	63,323	42,928	47.5%	29,716	113.1%	374,968	241,475	55.3%
NASDAQ BIOTECH	198	1,444	-86.3%	358	-44.7%	3,805	2,312	64.6%
E-MICRO NIFTY	0	0	0.0%	0	-	0	0	0.0%
S&P ENERGY SECTOR	29,863	18,409	62.2%	8,082	269.5%	200,581	141,747	41.5%
S&P TECHNOLOGY SECTOR	32,316	12,225	164.3%	7,360	339.1%	137,930	81,412	69.4%
S&P MATERIALS SECTOR	14,656	12,346	18.7%	9,302	57.6%	108,529	85,743	26.6%
S&P HEALTH CARE SECTOR	20,910	16,523	26.6%	5,605	273.1%	184,740	146,804	25.8%
S&P UTILITIES SECTOR	64,712	30,892	109.5%	13,525	378.5%	347,959	298,401	16.6%
S&P FINANCIAL SECTOR	86,359	30,283	185.2%	14,687	488.0%	392,947	174,419	125.3%
S&P INDUSTRIAL SECTOR	14,148	20,817	-32.0%	7,495	88.8%	109,172	133,452	-18.2%
IBOVESPA INDEX	1,310	947	38.3%	590	122.0%	8,560	8,878	-3.6%
S&P CONSUMER DSCRTNRY SE	17,509	17,734	-1.3%	3,954	342.8%	95,698	150,939	-36.6%
S&P CONSUMER STAPLES SECT	46,454	22,230	109.0%	6,780	585.2%	216,011	315,638	-31.6%
FT-SE 100	1,126	588	91.5%	1,173	-4.0%	7,829	7,630	2.6%
E-MINI RUSSELL 1000 VALUE	30,029	2,446	1,127.7%	16,001	87.7%	111,903	10,640	951.7%
E-MINI S&P REAL ESTATE SELE	10,805	7,678	40.7%	1,630	562.9%	73,426	14,213	416.6%
NIFTY 50	11,288	1,923	487.0%	14,369	-21.4%	142,778	117,092	21.9%
E-MINI RUSSELL 1000 GROWTH	20,573	669	2,975.2%	8,016	156.6%	60,347	3,415	1,667.1%
E-mini (\$5) Dow	2,849,052	2,927,511	-2.7%	2,707,729	5.2%	32,866,342	42,555,855	-22.8%
BITCOIN FUTURES	9,503	0	-	0	-	9,503	0	-
E-mini FTSE China 50	2,422	1,173	106.5%	4,404	-45.0%	21,713	11,337	91.5%
E-mini FTSE 100 (USD)	958	0	0.0%	1,093	-12.4%	3,030	375	708.0%
FTSE Emerging	215	38	465.8%	266	-19.2%	937	1,525	-38.6%

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<b>Equity Index Options</b>								
DJIA	0	0	0.0%	0	-	0	0	0.0%
E-MINI S&P500	4,261,711	4,802,448	-11.3%	5,432,762	-21.6%	51,055,524	58,887,823	-13.3%
S&P 500	318,751	268,782	18.6%	435,685	-26.8%	3,893,439	5,674,293	-31.4%
E-MINI MIDCAP	0	0	0.0%	0	0.0%	0	17	-100.0%
E-MINI RUSSELL 2000	6,543	0	-	19,153	-65.8%	47,902	0	-
E-MINI NASDAQ 100	181,848	162,656	11.8%	351,587	-48.3%	2,873,368	2,568,059	11.9%
NASDAQ	0	0	0.0%	0	-	0	0	0.0%
EOM S&P 500	237,026	172,257	37.6%	278,004	-14.7%	2,347,874	2,069,567	13.4%
EOM EMINI S&P	2,555,559	2,283,508	11.9%	2,316,604	10.3%	24,790,850	20,898,070	18.6%
EOW1 S&P 500	109,985	37,132	196.2%	108,008	1.8%	1,092,049	706,582	54.6%
EOW1 EMINI S&P 500	863,745	714,471	20.9%	1,246,815	-30.7%	12,669,333	11,710,684	8.2%
EOW2 S&P 500	185,468	114,541	61.9%	243,522	-23.8%	2,097,086	1,539,741	36.2%
EOW2 EMINI S&P 500	903,260	886,740	1.9%	1,214,931	-25.7%	12,649,778	12,992,775	-2.6%
EOW4 EMINI S&P 500	898,012	980,775	-8.4%	892,935	0.6%	11,434,439	12,923,810	-11.5%
EOW3 EMINI S&P 500	2,262,927	2,822,301	-19.8%	2,992,790	-24.4%	39,320,303	27,113,276	45.0%
EOW3 S&P 500	310,077	286,878	8.1%	340,297	-8.9%	4,294,574	3,156,223	36.1%
E-mini (\$5) Dow	10,288	10,466	-1.7%	9,656	6.5%	74,244	127,484	-41.8%
EOW4 E-MINI RUSSELL 2000 WE	5,031	0	-	3,109	61.8%	16,589	0	-
EOW1 E-MINI RUSSELL 2000 WE	725	0	-	1,764	-58.9%	7,350	0	-
EOW2 E-MINI RUSSELL 2000 WE	2,352	0	-	4,977	-52.7%	13,997	0	-
EOW3 E-MINI RUSSELL 2000 WE	9,657	0	-	12,044	-19.8%	65,039	0	-
EOM E-MINI RUSSELL 2000 END	7,031	0	-	3,493	101.3%	22,049	0	-
EOW1 E-MINI RUSSELL 2000 WE	844	0	-	1,641	-48.6%	7,420	0	-
<b>Metals Futures</b>								
COMEX GOLD	5,186,587	3,521,572	47.3%	8,623,338	-39.9%	72,802,171	57,564,840	26.5%
COMEX MINY COPPER	627	559	12.2%	629	-0.3%	8,269	6,675	23.9%
COMEX SILVER	1,388,100	1,135,529	22.2%	2,539,514	-45.3%	23,034,989	18,218,740	26.4%
COMEX COPPER	2,353,163	1,433,779	64.1%	2,992,429	-21.4%	27,051,503	21,524,547	25.7%
NYMEX HOT ROLLED STEEL	5,531	2,717	103.6%	4,598	20.3%	63,229	53,884	17.3%
NYMEX PLATINUM	569,535	423,172	34.6%	381,004	49.5%	4,852,160	3,994,072	21.5%
URANIUM	941	288	226.7%	978	-3.8%	6,393	7,583	-15.7%
PALLADIUM	72,890	91,224	-20.1%	153,217	-52.4%	1,402,740	1,435,863	-2.3%
E-MICRO GOLD	83,042	59,280	40.1%	112,421	-26.1%	1,141,590	976,950	16.9%
COPPER	3,945	65	5,969.2%	3,437	14.8%	8,988	3,881	131.6%
SILVER	4,848	6,475	-25.1%	7,866	-38.4%	71,118	101,937	-30.2%
FERROUS PRODUCTS	75	0	0.0%	170	-55.9%	1,465	972	50.7%
ALUMINUM	16,336	5,730	185.1%	9,898	65.0%	156,709	110,469	41.9%
COMEX E-Mini SILVER	814	1,011	-19.5%	806	1.0%	9,704	14,985	-35.2%
METALS	0	0	0.0%	0	0.0%	0	25	-100.0%
GOLD	0	0	0.0%	0	0.0%	1	2	-50.0%
LNDN ZINC	16	3	433.3%	10	60.0%	141	230	-38.7%
Gold Kilo	104	3,725	-97.2%	285	-63.5%	3,665	56,157	-93.5%
COMEX E-Mini GOLD	4,992	7,266	-31.3%	7,107	-29.8%	92,442	130,190	-29.0%
IRON ORE 62 CHINA TSI FUTURE	2,909	13,841	-79.0%	3,700	-21.4%	90,283	199,434	-54.7%
IRON ORE 62 CHINA PLATTS FU	0	0	0.0%	870	-100.0%	9,432	3,056	208.6%
IRON ORE 58 CHINA TSI FUTURE	0	0	0.0%	0	-	0	0	0.0%

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<b>Metals Options</b>								
COMEX GOLD	747,234	734,009	1.8%	738,327	1.2%	9,892,533	9,916,049	-0.2%
COMEX SILVER	111,985	80,152	39.7%	104,738	6.9%	1,438,930	1,375,636	4.6%
COMEX COPPER	20,129	1,833	998.1%	12,675	58.8%	107,490	38,472	179.4%
NYMEX PLATINUM	6,305	5,650	11.6%	3,699	70.5%	36,869	53,221	-30.7%
PALLADIUM	1,655	4,232	-60.9%	6,866	-75.9%	66,745	42,072	58.6%
COPPER	0	0	0.0%	0	-	0	0	0.0%
SILVER	139	478	-70.9%	38	265.8%	1,836	2,705	-32.1%
GOLD	31,112	6,406	385.7%	25,132	23.8%	190,204	59,703	218.6%
IRON ORE 62 CHINA TSI PUT OP	0	355	-100.0%	750	-100.0%	26,105	32,411	-19.5%
IRON ORE 62 CHINA TSI CALL O	0	160	-100.0%	1,284	-100.0%	18,094	39,749	-54.5%
HOT ROLLED COIL STEEL CALL	1,200	0	-	0	0.0%	1,530	0	-
<b>Energy Futures</b>								
ETHANOL	10,670	17,554	-39.2%	9,943	7.3%	149,546	172,664	-13.4%
ETHANOL FWD	0	710	-100.0%	0	-	3,324	8,216	-59.5%
HOUSTON SHIP CHANNEL BASI	0	1,448	-100.0%	5,480	-100.0%	9,257	31,848	-70.9%
NORTHWEST ROCKIES BASIS S	0	1,596	-100.0%	0	0.0%	3,088	182,708	-98.3%
HEATING OIL VS ICE GASOIL	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	1,631	2,704	-39.7%	1,588	2.7%	41,030	51,192	-19.9%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0.0%	0	32	-100.0%
NGPL MIDCONTINENT INDEX	0	0	0.0%	0	0.0%	0	7,841	-100.0%
NGPL TEXOK INDEX	0	0	0.0%	0	0.0%	0	360	-100.0%
CENTERPOINT BASIS SWAP	0	0	0.0%	465	-100.0%	999	13,180	-92.4%
NATURAL GAS	152,228	133,439	14.1%	114,877	32.5%	1,669,067	1,577,725	5.8%
HTG OIL	0	76	-100.0%	0	0.0%	340	5,578	-93.9%
LTD NAT GAS	315,588	390,903	-19.3%	313,343	0.7%	3,539,546	2,958,345	19.6%
GASOIL MINI CALENDAR SWAP	144	144	0.0%	119	21.0%	1,613	2,779	-42.0%
GASOIL 0.1 ROTTERDAM BARG	15	0	0.0%	45	-66.7%	170	30	466.7%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0.0%	334	0	0.0%
HUSTN SHIP CHNL PIPE SWP	0	0	0.0%	0	0.0%	719	0	0.0%
SAN JUAN PIPE SWAP	0	0	0.0%	0	-	0	0	0.0%
SOCAL PIPE SWAP	0	0	0.0%	0	0.0%	0	5,864	-100.0%
PANHANDLE PIPE SWAP	0	0	0.0%	0	0.0%	3,228	0	0.0%
BRENT OIL LAST DAY	1,294,608	2,098,275	-38.3%	1,570,370	-17.6%	21,839,889	23,713,109	-7.9%
BRENT CALENDAR SWAP	4,247	2,670	59.1%	2,555	66.2%	34,990	22,091	58.4%
GASOIL 0.1 CARGOES CIF NE	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	60	0	0.0%	120	-50.0%	354	120	195.0%
GASOIL 0.1 CIF NWE VS ISE	0	0	0.0%	0	0.0%	0	50	-100.0%
NY H OIL PLATTS VS NYMEX	0	0	0.0%	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI SWAP	2,520	6,325	-60.2%	1,370	83.9%	36,539	54,086	-32.4%
MARS (ARGUS) VS WTI TRD M	25,290	14,380	75.9%	38,087	-33.6%	260,006	140,278	85.4%
WTS (ARGUS) VS WTI TRD MT	0	162	-100.0%	1,626	-100.0%	9,936	12,370	-19.7%
SINGAPORE 180CST BALMO	90	35	157.1%	110	-18.2%	772	590	30.8%
SINGAPORE 380CST BALMO	165	174	-5.2%	373	-55.8%	2,693	1,933	39.3%
SINGAPORE JET KERO BALMO	0	0	0.0%	0	0.0%	536	156	243.6%
SINGAPORE NAPHTHA BALMO	0	0	0.0%	0	0.0%	0	20	-100.0%
DUBAI CRUDE OIL BALMO	50	0	0.0%	0	0.0%	50	275	-81.8%
EURO 3.5% FUEL OIL RDAM B	171	1,059	-83.9%	740	-76.9%	5,048	4,754	6.2%

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<b>Energy Futures</b>								
EURO 1% FUEL OIL NEW BALM	0	6	-100.0%	0	0.0%	18	241	-92.5%
NY HARBOR 1% FUEL OIL BAL	0	50	-100.0%	0	0.0%	25	151	-83.4%
GULF COAST 3% FUEL OIL BA	4,255	985	332.0%	1,132	275.9%	16,992	9,656	76.0%
PREMIUM UNLND 10P FOB MED	50	98	-49.0%	193	-74.1%	914	2,889	-68.4%
GASOIL 10P CRG CIF NW VS	0	0	0.0%	0	0.0%	25	15	66.7%
GASOIL 0.1 CRG CIF NW VS	0	0	0.0%	0	0.0%	0	5	-100.0%
BRENT CFD SWAP	0	0	0.0%	0	-	0	0	0.0%
JET FUEL CRG CIF NEW VS I	0	0	0.0%	2	-100.0%	64	30	113.3%
3.5% FUEL OIL CID MED SWA	0	326	-100.0%	70	-100.0%	1,035	3,291	-68.6%
ARGUS PROPAN FAR EST INDE	3,877	1,035	274.6%	3,932	-1.4%	32,339	18,219	77.5%
ULSD 10PPM CIF VS ICE GAS	0	0	0.0%	0	0.0%	0	35	-100.0%
GASOIL 0.1 CIF VS ICE GAS	0	0	0.0%	0	0.0%	20	5	300.0%
JET FUEL BRG FOB RDM VS I	0	0	0.0%	0	0.0%	5	2	150.0%
PJM NILL DA OFF-PEAK	0	112,060	-100.0%	1,944	-100.0%	689,738	1,186,752	-41.9%
PJM AECO DA OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA PEAK	0	0	0.0%	0	0.0%	5,250	23,423	-77.6%
PJM BGE DA PEAK	0	0	0.0%	0	0.0%	0	1,275	-100.0%
PJM BGE DA OFF-PEAK	0	0	0.0%	0	0.0%	0	23,400	-100.0%
PJM JCPL DA PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM JCPL DA OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PEPCO DA OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM PPL DA PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PPL DA OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	0	0	0.0%	0	0.0%	0	5,100	-100.0%
PJM PSEG DA OFF-PEAK	0	0	0.0%	0	0.0%	0	163,800	-100.0%
PJM WESTHDA PEAK	0	16,660	-100.0%	0	0.0%	8,620	62,333	-86.2%
PJM WESTH DA OFF-PEAK	0	304,100	-100.0%	0	0.0%	54,300	1,129,110	-95.2%
PJM WESTH RT PEAK	14,725	40,975	-64.1%	4,600	220.1%	223,316	657,190	-66.0%
PJM WESTH RT OFF-PEAK	23,360	553,310	-95.8%	27,120	-13.9%	2,208,775	6,738,450	-67.2%
ALGONQUIN CITYGATES BASIS	0	0	0.0%	0	0.0%	0	8,161	-100.0%
TCO NG INDEX SWAP	0	0	0.0%	0	0.0%	0	240	-100.0%
TRANSCO ZONE 3 NG INDEX S	0	0	-	0	0.0%	6,256	0	-
MICHCON NG INDEX SWAP	0	0	0.0%	0	0.0%	0	2,200	-100.0%
CIG ROCKIES NG INDEX SWA	0	0	0.0%	0	0.0%	720	1,054	-31.7%
GASOIL 0.1 CIF MED SWAP	0	0	0.0%	0	0.0%	0	95	-100.0%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0.0%	50	195	-74.4%
ULSD 10PPM CIF MED SWAP	0	0	0.0%	0	0.0%	30	45	-33.3%
ULSD 10PPM CIF MED VS ICE	0	18	-100.0%	15	-100.0%	81	198	-59.1%
BRENT BALMO SWAP	0	250	-100.0%	0	0.0%	578	2,293	-74.8%
ICE GASOIL BALMO SWAP	0	0	-	0	0.0%	9	0	-
ULSD 10PPM CIF NW BALMO S	0	0	-	0	0.0%	6	0	-
ULSD 10PPM CIF MED BALMO	0	0	0.0%	0	0.0%	0	38	-100.0%
PERMIAN BASIS SWAP	0	856	-100.0%	0	0.0%	1,381	62,078	-97.8%
Tetco ELA Basis	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE INDEX SWAP FUTU	0	0	0.0%	0	0.0%	0	3,472	-100.0%
GULF COAST JET FUEL CLNDR	282	120	135.0%	45	526.7%	1,270	1,923	-34.0%
EUROPE 1% FUEL OIL NWE CA	56	80	-30.0%	0	0.0%	765	1,550	-50.6%
SINGAPORE FUEL 180CST CAL	733	1,506	-51.3%	849	-13.7%	12,108	14,209	-14.8%
NYISO G	0	0	0.0%	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	60,994	57,350	6.4%	65,049	-6.2%	648,712	697,778	-7.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>								
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHERN ILLINOIS OFF-PEA	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREAD	95	399	-76.2%	145	-34.5%	7,038	7,686	-8.4%
SINGAPORE JET KERO GASOIL	425	4,720	-91.0%	225	88.9%	18,735	14,485	29.3%
TETCO M-3 INDEX	0	2,568	-100.0%	0	0.0%	0	10,933	-100.0%
DOMINION TRAN INC - APP I	0	0	0.0%	2,920	-100.0%	2,920	20,026	-85.4%
CINERGY HUB PEAK MONTH	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	3,504,415	3,317,707	5.6%	3,549,278	-1.3%	43,596,206	39,389,349	10.7%
GASOIL 10PPM CARGOES CIF	0	0	0.0%	0	0.0%	0	3	-100.0%
GASOIL 10PPM VS ICE SWAP	0	44	-100.0%	15	-100.0%	727	948	-23.3%
NY1% VS GC SPREAD SWAP	2,380	3,696	-35.6%	1,505	58.1%	25,857	29,944	-13.6%
EUROPEAN NAPHTHA BALMO	267	287	-7.0%	135	97.8%	3,923	2,257	73.8%
GASOIL 0.1 BRGS FOB VS IC	0	0	0.0%	0	0.0%	0	6	-100.0%
DIESEL 10P BRG FOB RDM VS	0	100	-100.0%	0	0.0%	0	225	-100.0%
ARGUS PROPAN(SAUDI ARAMC	1,394	596	133.9%	1,106	26.0%	12,890	10,114	27.4%
PJM AECO DA PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	0	0	0.0%	0	0.0%	0	0	0.0%
MINY HTG OIL	3	5	-40.0%	4	-25.0%	35	105	-66.7%
WAHA BASIS	723	0	0.0%	0	0.0%	6,787	44,649	-84.8%
MINY NATURAL GAS	40,345	48,392	-16.6%	28,377	42.2%	311,945	338,981	-8.0%
SINGAPORE GASOIL SWAP	1,654	12,325	-86.6%	1,163	42.2%	90,723	81,687	11.1%
UP DOWN GC ULSD VS NMX HO	34,918	36,467	-4.2%	41,802	-16.5%	551,389	619,919	-11.1%
PJM NILL DA PEAK	0	1,128	-100.0%	160	-100.0%	39,492	48,608	-18.8%
PJM DAYTON DA OFF-PEAK	0	0	0.0%	0	0.0%	211,995	55,000	285.4%
LA JET (OPIS) SWAP	1,255	900	39.4%	740	69.6%	20,120	22,112	-9.0%
ULSD UP-DOWN BALMO SWP	9,050	9,575	-5.5%	6,771	33.7%	62,513	75,583	-17.3%
JET FUEL UP-DOWN BALMO CL	4,445	8,020	-44.6%	4,130	7.6%	80,836	57,075	41.6%
EIA FLAT TAX ONHWAY DIESE	301	921	-67.3%	116	159.5%	7,945	11,593	-31.5%
ARGUS LLS VS. WTI (ARG) T	30,355	8,663	250.4%	55,150	-45.0%	190,327	144,567	31.7%
JAPAN NAPHTHA BALMO SWAP	8	81	-90.1%	0	0.0%	1,418	486	191.8%
NY 3.0% FUEL OIL (PLATTS	150	150	0.0%	0	0.0%	3,410	2,450	39.2%
NY 2.2% FUEL OIL (PLATTS	0	0	0.0%	0	0.0%	0	489	-100.0%
CAISO SP15 EZGNHUB5 MW P	0	0	0.0%	0	0.0%	7,940	17,930	-55.7%
RBOB GASOLINE BALMO CLNDR	1,880	2,583	-27.2%	815	130.7%	12,245	11,080	10.5%
GASOLINE UP-DOWN BALMO SW	0	0	0.0%	0	0.0%	0	810	-100.0%
TRANSCO ZONE 4 NAT GAS IN	0	0	0.0%	0	0.0%	465	1,457	-68.1%
COLUMBIA GULF MAIN NAT G	0	0	0.0%	0	0.0%	0	2,208	-100.0%
SOUTHERN NAT LA NAT GAS	0	0	0.0%	0	0.0%	0	612	-100.0%
FL GAS ZONE 3 NAT GAS IND	0	0	0.0%	0	0.0%	0	8,310	-100.0%
COLUMB GULF MAINLINE NG B	0	0	0.0%	0	0.0%	999	22,041	-95.5%
HENRY HUB FINANCIAL LAST	1,363	0	-	1,896	-28.1%	6,507	0	-
TENNESSEE 800 LEG NG BASI	0	0	0.0%	0	0.0%	0	1,526	-100.0%
TRANSCO ZONE 1 NG BASIS	0	0	0.0%	0	-	0	0	0.0%
ONEOK OKLAHOMA NG BASIS	0	0	0.0%	0	0.0%	1,788	1,411	26.7%
SOUTH STAR TEX OKLHM KNS	0	0	0.0%	0	0.0%	0	2,292	-100.0%
TEXAS GAS ZONE1 NG BASIS	0	0	0.0%	0	0.0%	0	248	-100.0%
NYISO ZONE C 5MW D AH O P	0	0	0.0%	0	0.0%	0	54,290	-100.0%
PJM NI HUB 5MW REAL TIME	0	738,305	-100.0%	19,320	-100.0%	1,798,950	2,726,516	-34.0%
NYISO ZONE G 5MW D AH O P	9,344	0	0.0%	0	0.0%	789,929	444,481	77.7%

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>								
NYISO ZONE J 5MW D AH PK	2,550	0	0.0%	1,815	40.5%	29,340	14,431	103.3%
NYISO ZONE J 5MW D AH O P	0	0	0.0%	0	0.0%	226,600	195,471	15.9%
PJM COMED 5MW D AH PK	0	0	0.0%	0	0.0%	4,675	14,650	-68.1%
PJM COMED 5MW D AH O PK	0	0	0.0%	0	0.0%	85,390	257,480	-66.8%
NEPOOL INTR HUB 5MW D AH	0	8,715	-100.0%	0	0.0%	252,415	565,004	-55.3%
CIN HUB 5MW REAL TIME PK	0	1,790	-100.0%	0	0.0%	25,625	68,221	-62.4%
CIN HUB 5MW D AH PK	1,220	1,164	4.8%	600	103.3%	19,513	22,142	-11.9%
NYISO ZONE A 5MW D AH PK	420	0	0.0%	0	0.0%	7,235	6,560	10.3%
NYISO ZONE A 5MW D AH O P	0	18,720	-100.0%	0	0.0%	32,760	258,085	-87.3%
NEPOOL W CNT MASS 5MW D A	0	0	0.0%	0	0.0%	0	4,000	-100.0%
NEPOOL CONECTIC 5MW D AH	0	0	0.0%	0	0.0%	0	635	-100.0%
NEPOOL CNCTCT 5MW D AH O	0	0	0.0%	0	0.0%	0	11,925	-100.0%
NEPOOL SE MASS 5MW D AH P	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH O	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	0	0	0.0%	0	0.0%	765	640	19.5%
NEPOOL NE MASS 5MW D AH O	0	0	0.0%	0	0.0%	14,040	0	0.0%
NYISO ZONE C 5MW D AH PK	0	0	0.0%	0	0.0%	110	1,512	-92.7%
NEPOOL W CNTR M 5MW D AH	0	0	0.0%	0	0.0%	0	1,685	-100.0%
NYISO ZONE G 5MW D AH PK	3,064	5,620	-45.5%	2,560	19.7%	60,668	40,288	50.6%
PJM AD HUB 5MW REAL TIME	0	262,809	-100.0%	14,880	-100.0%	311,180	1,637,421	-81.0%
CIN HUB 5MW D AH O PK	0	0	0.0%	0	0.0%	326,080	322,440	1.1%
CIN HUB 5MW REAL TIME O P	0	163,440	-100.0%	0	0.0%	397,000	1,216,464	-67.4%
RBOB PHY	3,368,473	3,221,479	4.6%	3,717,345	-9.4%	49,910,909	45,428,663	9.9%
SING FUEL	0	5	-100.0%	50	-100.0%	120	70	71.4%
LLS (ARGUS) CALENDAR SWAP	0	0	0.0%	0	-	0	0	0.0%
RBOB VS HEATING OIL SWAP	650	4,375	-85.1%	200	225.0%	17,720	21,905	-19.1%
NORTHEN NATURAL GAS DEMA	0	124	-100.0%	0	0.0%	0	4,113	-100.0%
HOUSTON SHIP CHANNEL INDE	0	0	0.0%	0	0.0%	0	186	-100.0%
EUROPE JET KERO NWE CALSW	0	0	0.0%	0	0.0%	105	38	176.3%
MINY WTI CRUDE OIL	167,645	228,651	-26.7%	235,179	-28.7%	3,001,906	3,380,972	-11.2%
NEW ENGLAND HUB PEAK DAIL	0	0	0.0%	0	0.0%	0	0	0.0%
ROCKIES KERN OPAL - NW IN	0	0	0.0%	0	0.0%	0	1,046	-100.0%
NATURAL GAS PHY	10,500,608	9,802,943	7.1%	10,006,515	4.9%	108,391,797	97,480,591	11.2%
APPALACHIAN COAL (PHY)	0	0	0.0%	0	0.0%	0	130	-100.0%
WTI CALENDAR	42,145	53,143	-20.7%	37,055	13.7%	448,037	387,932	15.5%
HENRY HUB BASIS SWAP	0	2,005	-100.0%	0	0.0%	52,732	200,555	-73.7%
DEMARC INDEX FUTURE	0	0	0.0%	0	0.0%	0	800	-100.0%
WTS (ARGUS) VS WTI SWAP	13,520	13,593	-0.5%	6,022	124.5%	72,712	55,703	30.5%
PREMIUM UNLEAD 10PPM FOB	0	23	-100.0%	10	-100.0%	162	382	-57.6%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0.0%	0	2,090	-100.0%
CRUDE OIL PHY	20,204,705	23,980,985	-15.7%	27,635,706	-26.9%	310,052,767	276,768,438	12.0%
RBOB CALENDAR SWAP	3,881	7,423	-47.7%	7,924	-51.0%	83,819	80,700	3.9%
ISO NEW ENGLAND PK LMP	0	0	0.0%	0	0.0%	10	20	-50.0%
LA CARB DIESEL (OPIS)	0	0	0.0%	0	0.0%	0	52	-100.0%
CHICAGO ETHANOL SWAP	95,604	175,008	-45.4%	109,511	-12.7%	1,342,798	1,322,192	1.6%
NEW YORK ETHANOL SWAP	1,570	870	80.5%	1,105	42.1%	10,820	17,875	-39.5%
GASOIL BULLET SWAP	330	0	0.0%	0	0.0%	460	0	0.0%
EURO PROPANE CIF ARA SWA	1,036	1,124	-7.8%	1,740	-40.5%	15,311	15,813	-3.2%
JAPAN C&F NAPHTHA SWAP	1,634	1,715	-4.7%	1,564	4.5%	18,408	15,520	18.6%
NYMEX ULSD VS NYMEX HO	0	0	0.0%	0	0.0%	0	0	0.0%

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**CMEG Exchange Volume Report - Monthly**

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>								
LA CARBOB GASOLINE(OPIS)S	450	0	0.0%	300	50.0%	3,225	5,950	-45.8%
LA CARB DIESEL (OPIS) SWA	100	627	-84.1%	125	-20.0%	2,220	7,904	-71.9%
JAPAN C&F NAPHTHA CRACK S	755	573	31.8%	830	-9.0%	7,398	4,944	49.6%
LLS (ARGUS) VS WTI SWAP	9,030	4,280	111.0%	8,239	9.6%	64,990	71,223	-8.8%
MINY RBOB GAS	4	2	100.0%	4	0.0%	51	51	0.0%
RBOB GAS	1,910	2,176	-12.2%	1,850	3.2%	28,456	19,381	46.8%
RBOB CRACK SPREAD	555	3,479	-84.0%	650	-14.6%	11,362	18,804	-39.6%
RBOB UP-DOWN CALENDAR SW	0	0	0.0%	0	0.0%	0	9,203	-100.0%
NY HARBOR RESIDUAL FUEL 1	2,481	1,590	56.0%	780	218.1%	28,543	39,080	-27.0%
NY HARBOR HEAT OIL SWP	1,255	5,024	-75.0%	1,067	17.6%	24,739	29,320	-15.6%
LA JET FUEL VS NYM NO 2 H	0	30	-100.0%	0	0.0%	25	840	-97.0%
ANR OKLAHOMA	0	0	0.0%	0	0.0%	0	4,787	-100.0%
MICHIGAN BASIS	0	973	-100.0%	156	-100.0%	2,748	27,346	-90.0%
Sumas Basis Swap	0	0	0.0%	0	0.0%	6,238	18,059	-65.5%
NGPL MID-CONTINENT	0	0	0.0%	600	-100.0%	4,674	30,002	-84.4%
TEXAS EASTERN ZONE M-3 BA	0	1,053	-100.0%	908	-100.0%	9,512	84,221	-88.7%
PJM MONTHLY	0	0	0.0%	0	0.0%	120	2,946	-95.9%
NORTHEN NATURAL GAS VENTL	0	0	0.0%	48	-100.0%	132	9,216	-98.6%
DOMINION TRANSMISSION INC	0	6,397	-100.0%	4,508	-100.0%	53,117	230,295	-76.9%
TCO BASIS SWAP	0	668	-100.0%	667	-100.0%	8,949	34,344	-73.9%
CIG BASIS	0	519	-100.0%	730	-100.0%	1,456	82,139	-98.2%
PJM DAILY	0	0	0.0%	0	0.0%	0	1,300	-100.0%
COLUMBIA GULF ONSHORE	0	868	-100.0%	0	0.0%	1,332	3,976	-66.5%
Tetco STX Basis	0	0	0.0%	0	0.0%	0	1,611	-100.0%
Transco Zone 3 Basis	0	0	0.0%	0	0.0%	302	1,032	-70.7%
HENRY HUB SWING FUTURE	0	0	0.0%	0	0.0%	0	290	-100.0%
EL PASO PERMIAN INDEX SWA	0	0	0.0%	0	0.0%	0	1,612	-100.0%
HENRY HUB INDEX SWAP FUTU	0	2,418	-100.0%	0	0.0%	50,542	181,858	-72.2%
WAHA INDEX SWAP FUTURE	0	0	0.0%	0	0.0%	0	8,728	-100.0%
GULF COAST GASOLINE CLNDR	0	0	0.0%	0	0.0%	0	1,300	-100.0%
EUROPE NAPHTHA CALSWAP	2,234	1,816	23.0%	1,963	13.8%	31,941	18,916	68.9%
EUROPE 1% FUEL OIL RDAM C	0	8	-100.0%	0	0.0%	39	142	-72.5%
EUROPE 3.5% FUEL OIL RDAM	7,309	12,415	-41.1%	8,695	-15.9%	85,392	91,573	-6.7%
EUROPE 3.5% FUEL OIL MED	43	489	-91.2%	320	-86.6%	1,744	4,552	-61.7%
PANHANDLE BASIS SWAP FUTU	0	1,824	-100.0%	0	0.0%	3,060	97,142	-96.8%
SAN JUAN BASIS SWAP	0	186	-100.0%	0	0.0%	2,254	76,144	-97.0%
SOCAL BASIS SWAP	0	0	0.0%	0	-	0	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	0	915	-100.0%	856	-100.0%	3,726	14,883	-75.0%
NYISO A	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO J	0	0	0.0%	0	0.0%	0	172	-100.0%
GULF COAST JET VS NYM 2 H	25,008	35,357	-29.3%	27,375	-8.6%	480,097	388,487	23.6%
NY HARBOR RESIDUAL FUEL C	0	0	0.0%	0	-	0	0	0.0%
EURO 3.5% FUEL OIL SPREAD	0	735	-100.0%	180	-100.0%	4,466	9,548	-53.2%
GASOIL CALENDAR SWAP	0	23	-100.0%	0	0.0%	244	352	-30.7%
EURO GASOIL 10 CAL SWAP	0	0	0.0%	0	0.0%	0	3	-100.0%
NGPL MIDCONTINENT SWING S	0	0	0.0%	0	0.0%	0	620	-100.0%
DEMARC SWING SWAP	0	0	0.0%	0	0.0%	0	62	-100.0%
CENTERPOINT EAST INDEX	0	0	0.0%	0	0.0%	0	740	-100.0%
CRUDE OIL	5,230	12,422	-57.9%	18,023	-71.0%	121,799	152,903	-20.3%
BRENT FINANCIAL FUTURES	96	192	-50.0%	1,062	-91.0%	43,469	7,031	518.2%

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>								
WTI-BRENT BULLET SWAP	250	0	0.0%	0	0.0%	1,154	500	130.8%
WTI-BRENT CALENDAR SWAP	42,010	9,542	340.3%	38,056	10.4%	251,432	137,258	83.2%
DATED TO FRONTLINE BRENT	0	1,230	-100.0%	400	-100.0%	14,450	21,815	-33.8%
ICE BRENT DUBAI SWAP	2,267	11,082	-79.5%	20,075	-88.7%	119,797	33,163	261.2%
GASOIL CRACK SPREAD CALEN	2,394	8,784	-72.7%	7,395	-67.6%	77,557	64,857	19.6%
EUROPEAN NAPHTHA CRACK SP	5,416	6,547	-17.3%	7,541	-28.2%	80,745	69,363	16.4%
EURO GASOIL 10PPM VS ICE	0	102	-100.0%	5	-100.0%	430	796	-46.0%
JET CIF NWE VS ICE	70	100	-30.0%	273	-74.4%	1,318	890	48.1%
JET BARGES VS ICE GASOIL	0	0	0.0%	0	0.0%	0	22	-100.0%
SINGAPORE GASOIL VS ICE	618	8,065	-92.3%	40	1,445.0%	70,787	44,904	57.6%
NATURAL GAS PEN SWP	47,572	101,696	-53.2%	84,159	-43.5%	973,379	1,330,312	-26.8%
WESTERN RAIL DELIVERY PRB	0	105	-100.0%	120	-100.0%	2,520	9,342	-73.0%
EASTERN RAIL DELIVERY CSX	15	800	-98.1%	15	0.0%	4,870	14,967	-67.5%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0.0%	2,540	26,638	-90.5%
TC5 RAS TANURA TO YOKOHAM	75	0	0.0%	0	0.0%	75	15	400.0%
TD3 MEG TO JAPAN 250K MT	360	0	-	0	0.0%	390	0	-
TC2 ROTTERDAM TO USAC 37K	140	0	0.0%	80	75.0%	220	0	0.0%
PJM OFF-PEAK LMP SWAP FUT	0	0	0.0%	0	0.0%	0	140	-100.0%
NYISO A OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO G OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO J OFF-PEAK	0	0	0.0%	0	0.0%	0	80	-100.0%
ISO NEW ENGLAND OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB DAILY	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	0	0	0.0%	0	0.0%	0	240	-100.0%
FUELOIL SWAP:CARGOES VS.B	112	190	-41.1%	171	-34.5%	3,086	4,029	-23.4%
EAST/WEST FUEL OIL SPREAD	0	30	-100.0%	0	0.0%	1,255	398	215.3%
SINGAPORE 380CST FUEL OIL	10,702	12,324	-13.2%	8,298	29.0%	116,554	101,072	15.3%
SINGAPORE JET KEROSENE SW	0	771	-100.0%	350	-100.0%	12,979	8,346	55.5%
SINGAPORE NAPHTHA SWAP	0	0	0.0%	0	-	0	0	0.0%
SONAT BASIS SWAP FUTURE	0	186	-100.0%	0	0.0%	0	554	-100.0%
FLORIDA GAS ZONE3 BASIS S	0	0	0.0%	0	0.0%	0	5,449	-100.0%
TRANSCO ZONE4 BASIS SWAP	0	4,884	-100.0%	0	0.0%	13,239	28,622	-53.7%
ANR LOUISIANA BASIS SWAP	0	124	-100.0%	0	0.0%	0	245	-100.0%
TENNESSEE 500 LEG BASIS S	0	0	0.0%	0	0.0%	428	1,630	-73.7%
TENNESSEE ZONE 0 BASIS SW	0	0	0.0%	484	-100.0%	484	3,028	-84.0%
TRANSCO ZONE 6 INDEX	0	0	0.0%	0	0.0%	856	6,742	-87.3%
CINERGY HUB OFF-PEAK MONT	0	0	0.0%	0	0.0%	0	60	-100.0%
GULF COAST ULSD CALENDAR	379	1,345	-71.8%	54	601.9%	5,953	10,572	-43.7%
GULF COAST ULSD CRACK SPR	0	100	-100.0%	0	0.0%	3,870	6,981	-44.6%
HENRY HUB SWAP	225,231	358,426	-37.2%	184,369	22.2%	2,275,687	5,002,282	-54.5%
DUBAI CRUDE OIL CALENDAR	1,910	6,630	-71.2%	4,162	-54.1%	83,846	30,297	176.7%
USGC UNL 87 CRACK SPREAD	0	0	0.0%	0	0.0%	0	175	-100.0%
NYH NO 2 CRACK SPREAD CAL	210	890	-76.4%	420	-50.0%	14,244	22,662	-37.1%
NO 2 UP-DOWN SPREAD CALEN	100	750	-86.7%	0	0.0%	3,759	3,412	10.2%
SINGAPORE MOGAS 92 UNLEAD	280	375	-25.3%	265	5.7%	2,076	5,953	-65.1%
ETHANOL T2 FOB ROTT INCL DU	1,636	5,558	-70.6%	5,559	-70.6%	45,681	33,306	37.2%
SINGAPORE MOGAS 92 UNLEAD	3,760	12,320	-69.5%	9,249	-59.3%	85,721	120,268	-28.7%
PROPANE NON-LDH MT. BEL (OF	8,530	12,004	-28.9%	9,825	-13.2%	87,065	138,706	-37.2%
PROPANE NON-LDH MB (OPIS) B	325	150	116.7%	0	0.0%	5,252	5,997	-12.4%

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>								
NY JET FUEL (PLATTS) HEAT OIL	0	0	0.0%	0	0.0%	0	0	0.0%
JET AV FUEL (P) CAR FM ICE GA	0	0	0.0%	0	0.0%	36	172	-79.1%
FUEL OIL (PLATS) CAR CM	0	150	-100.0%	0	0.0%	20	1,279	-98.4%
FUEL OIL (PLATS) CAR CN	0	0	0.0%	0	0.0%	0	54	-100.0%
NY ULSD (ARGUS) VS HEATING	0	1,762	-100.0%	13	-100.0%	8,245	9,621	-14.3%
PJM PECO ZONE5MW PEAK CAL	0	0	0.0%	0	0.0%	0	0	0.0%
IN DELIVERY MONTH EUA	0	1,250	-100.0%	0	0.0%	2,850	37,241	-92.3%
DATED BRENT (PLATTS) DAILY S	0	0	0.0%	0	0.0%	1,400	200	600.0%
PETRO OUTRIGHT EURO	4,218	8,258	-48.9%	3,500	20.5%	74,419	113,418	-34.4%
GAS EURO-BOB OXY NWE BARG	14,611	18,496	-21.0%	17,089	-14.5%	223,046	176,701	26.2%
GAS EURO-BOB OXY NWE BARG	3,565	5,234	-31.9%	3,197	11.5%	72,390	82,333	-12.1%
PREM UNL GAS 10PPM RDAM F	0	0	0.0%	0	0.0%	7	7	0.0%
PREM UNL GAS 10PPM RDAM F	0	0	0.0%	0	0.0%	37	274	-86.5%
MONT BELVIEU NORMAL BUTAN	18,774	38,249	-50.9%	42,791	-56.1%	346,469	345,287	0.3%
MONT BELVIEU ETHANE 5 DECI	14,734	51,587	-71.4%	12,620	16.8%	256,776	590,762	-56.5%
MONT BELVIEU LDH PROPANE 5	100,522	85,879	17.1%	101,199	-0.7%	1,122,133	1,345,538	-16.6%
EUROPEAN GASOIL (ICE)	601	11,179	-94.6%	1,490	-59.7%	31,421	1,574,187	-98.0%
ERCOT NORTH ZMCPE 5MW OF	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	76,320	0	0.0%	39,200	94.7%	191,440	4,280	4,372.9%
ERCOT NORTH ZMCPE 5MW PE	0	0	0.0%	2,100	-100.0%	6,810	235	2,797.9%
ERCOT HOUSTON Z MCPE 5MW	0	0	-	0	0.0%	3,880	0	-
SINGAPORE JET KERO VS. GAS	0	0	0.0%	0	0.0%	50	50	0.0%
MONT BELVIEU NORMAL BUTAN	696	736	-5.4%	584	19.2%	8,436	7,211	17.0%
MONT BELVIEU ETHANE OPIS B	335	375	-10.7%	180	86.1%	3,205	1,920	66.9%
MONT BELVIEU NATURAL GASO	323	200	61.5%	480	-32.7%	3,667	1,981	85.1%
MONT BELVIEU LDH PROPANE C	1,502	2,283	-34.2%	1,113	35.0%	19,536	12,068	61.9%
CONWAY NORMAL BUTANE (OPI	259	165	57.0%	75	245.3%	8,299	2,760	200.7%
CONWAY NATURAL GASOLINE (	34	0	0.0%	120	-71.7%	2,984	1,691	76.5%
CONWAY PROPANE 5 DECIMALS	10,777	8,073	33.5%	10,550	2.2%	109,794	88,313	24.3%
PETROCHEMICALS	2,842	3,153	-9.9%	4,094	-30.6%	47,827	62,640	-23.6%
MONT BELVIEU NATURAL GASO	21,700	4,670	364.7%	15,730	38.0%	85,506	91,566	-6.6%
ELEC NYISO OFF-PEAK	0	0	0.0%	0	0.0%	70,200	0	0.0%
ELEC MISO PEAK	0	215	-100.0%	0	0.0%	3,825	215	1,679.1%
MARS BLEND CRUDE OIL	3,209	939	241.7%	1,000	220.9%	18,177	19,795	-8.2%
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF MED BALMO	0	0	0.0%	0	-	0	0	0.0%
RBOB CRACK SPREAD BALMO S	0	60	-100.0%	0	0.0%	0	410	-100.0%
DIESEL 10PPM BARGES FOB B	0	0	-	0	0.0%	3	0	-
RBOB (PLATTS) CAL SWAP	0	0	0.0%	0	0.0%	0	297	-100.0%
PJM DUQUESNE 5MW D AH PK	0	0	0.0%	0	-	0	0	0.0%
PJM DUQUS 5MW D AH O PK	0	0	0.0%	0	-	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	5,390	2,237	140.9%	5,535	-2.6%	53,220	32,645	63.0%
HEATING OIL CRCK SPRD BAL	0	0	0.0%	0	0.0%	0	20	-100.0%
CHICAGO ULSD PL VS HO SPR	570	150	280.0%	155	267.7%	2,208	2,888	-23.5%
PETRO CRK&SPRD EURO	6,326	9,255	-31.6%	7,879	-19.7%	89,879	89,972	-0.1%
GRP THREE UNL GS (PLT) VS	1,505	395	281.0%	2,005	-24.9%	13,644	16,815	-18.9%
CRUDE OIL OUTRIGHTS	55,263	9,001	514.0%	62,031	-10.9%	379,934	88,084	331.3%
PJM WES HUB PEAK LMP 50 M	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D AH	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0.0%	0	23,480	-100.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>								
HEATING OIL BALMO CLNDR S	227	0	0.0%	0	0.0%	1,057	479	120.7%
FREIGHT MARKETS	225	268	-16.0%	18	1,150.0%	1,847	2,557	-27.8%
PLASTICS	280	250	12.0%	270	3.7%	6,264	5,129	22.1%
ELEC FINSETTLED	0	0	0.0%	0	0.0%	0	1,270	-100.0%
NEPOOL RHD ISLD 5MW D AH	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	498	78	538.5%	493	1.0%	3,651	651	460.8%
TRANSCO ZONE 6 PIPE SWAP	0	0	0.0%	0	-	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	4,141	17,004	-75.6%	6,445	-35.7%	154,102	199,278	-22.7%
PJM APS ZONE DA PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	51,458	2,110	2,338.8%	42,885	20.0%	192,022	46,402	313.8%
ELEC ERCOT OFF PEAK	0	0	0.0%	0	-	0	0	0.0%
GC ULSD VS GC JET SPREAD	0	0	0.0%	0	-	0	0	0.0%
ALGON CITY GATES NAT GAS	0	0	0.0%	0	0.0%	0	6,224	-100.0%
MJC FUT	235	0	0.0%	115	104.3%	1,540	895	72.1%
PETRO CRCKS & SPRDS NA	23,750	42,445	-44.0%	39,845	-40.4%	444,027	424,343	4.6%
RBOB SPREAD (PLATTS) SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	0	856	-100.0%	422	-100.0%	2,587	38,064	-93.2%
MCCLOSKEY RCH BAY COAL	2,564	8,906	-71.2%	2,635	-2.7%	55,540	191,566	-71.0%
NGPL TEX/OK	0	1,880	-100.0%	1,080	-100.0%	9,214	33,872	-72.8%
MNC FUT	1,845	4,025	-54.2%	2,750	-32.9%	45,730	47,818	-4.4%
MCCLOSKEY ARA ARGS COAL	19,098	49,614	-61.5%	28,239	-32.4%	501,130	1,793,838	-72.1%
DLY GAS EURO-BOB OXY	0	0	0.0%	0	0.0%	0	60	-100.0%
DAILY PJM	0	0	0.0%	0	0.0%	0	2,720	-100.0%
ONTARIO POWER SWAPS	5	105	-95.2%	0	0.0%	1,160	4,945	-76.5%
INDIANA MISO	0	0	0.0%	0	0.0%	0	112	-100.0%
SINGAPORE GASOIL	5,359	4,099	30.7%	4,412	21.5%	60,222	49,445	21.8%
PETRO CRCKS & SPRDS ASIA	792	0	0.0%	378	109.5%	3,076	1,344	128.9%
EMMISSIONS	0	0	0.0%	0	-	0	0	0.0%
PJM ATSI ELEC	0	0	0.0%	0	0.0%	49,350	35,490	39.1%
PETROLEUM PRODUCTS ASIA	1,438	1,505	-4.5%	1,042	38.0%	21,120	16,650	26.8%
NYISO CAPACITY	0	234	-100.0%	132	-100.0%	5,658	4,768	18.7%
AUSTRIALIAN COKE COAL	120	252	-52.4%	120	0.0%	1,243	4,821	-74.2%
PETROLEUM PRODUCTS	2,723	3,700	-26.4%	5,455	-50.1%	36,036	28,061	28.4%
EURO-DENOMINATED PETRO P	0	756	-100.0%	0	0.0%	1,514	1,112	36.2%
COAL SWAP	45	55	-18.2%	70	-35.7%	1,720	3,265	-47.3%
MGN1 SWAP FUT	52	140	-62.9%	70	-25.7%	1,126	1,689	-33.3%
NATURAL GAS INDEX	0	0	0.0%	0	0.0%	656	6,702	-90.2%
INDONESIAN COAL	0	0	0.0%	0	0.0%	5	220	-97.7%
UCM FUT	0	10	-100.0%	30	-100.0%	295	353	-16.4%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN MISO	0	0	0.0%	0	0.0%	112,170	134,880	-16.8%
CHICAGO ULSD (PLATTS) SWA	0	0	0.0%	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	0	0	0.0%	0	0.0%	125	300	-58.3%
MGF FUT	0	0	0.0%	30	-100.0%	316	100	216.0%
TENN 800 LEG NAT GAS INDE	0	0	0.0%	0	0.0%	0	1,285	-100.0%
NEPOOL RHODE IL 5MW D AH	0	0	0.0%	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE A	668	690	-3.2%	195	242.6%	5,378	5,429	-0.9%
NATURAL GAS FIXED PRICE SW	0	0	0.0%	0	0.0%	360	0	0.0%

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## CMEG Exchange Volume Report - Monthly

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<b>Energy Futures</b>								
ELEC WEST POWER PEAK	0	0	0.0%	0	0.0%	1,540	5,390	-71.4%
CAISO SP15 EZGNHUB5 PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
MINI RBOB V. EBOBARG NWE BF	120	50	140.0%	90	33.3%	5,846	3,891	50.2%
NY HARBOR LOW SULPUR GAS	0	1,555	-100.0%	0	0.0%	4,273	6,586	-35.1%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%	0	0	0.0%
DY EURO 3.5% FUEL OI RDA	0	0	0.0%	0	0.0%	1,500	0	0.0%
ELEC WEST POWER OFF-PEAK	0	0	0.0%	0	0.0%	0	1,840	-100.0%
ERCOT DAILY 5MW PEAK	0	0	-	0	0.0%	0	0	-
MINI RBOB V. EBOB(ARGUS) NW	1,412	4,504	-68.7%	1,503	-6.1%	26,045	21,690	20.1%
3.5% FUEL OIL CIF BALMO S	0	90	-100.0%	0	0.0%	175	397	-55.9%
ELEC ERCOT DLY OFF PK	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	0	0	-	0	0.0%	690	0	-
SUMAS NAT GAS PLATTS FIXED	0	0	0.0%	0	0.0%	306	0	0.0%
CANADIAN LIGHT SWEET OIL	0	446	-100.0%	0	0.0%	7,344	20,906	-64.9%
CENTER POINT NAT GAS FIXED	0	0	0.0%	0	-	0	0	0.0%
COLUMBIA GULF NAT GAS FIXE	0	0	0.0%	0	-	0	0	0.0%
DIESEL10PPM BARG VS ICE LS	0	0	0.0%	0	-	0	0	0.0%
EU LOW SULPHUR GASOIL CRA	0	0	0.0%	0	-	0	0	0.0%
MJB FUT	0	0	0.0%	0	-	0	0	0.0%
VENTURA NAT GAS PLATTS FIX	0	0	0.0%	0	-	0	0	0.0%
<b>Energy Options</b>								
ETHANOL	0	400	-100.0%	0	0.0%	400	450	-11.1%
NATURAL GAS	0	0	0.0%	0	0.0%	450	500	-10.0%
PGE CITYGATE PIPE SWAP	0	0	0.0%	0	-	0	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0.0%	4,030	6,540	-38.4%
HUSTN SHIP CHNL PIPE SWP	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0.0%	3,240	9,108	-64.4%
SOCAL PIPE SWAP	0	0	0.0%	0	0.0%	0	11,200	-100.0%
PANHANDLE PIPE SWAP	0	0	-	0	0.0%	8,640	0	-
BRENT OIL LAST DAY	75,501	25,341	197.9%	70,197	7.6%	582,928	315,563	84.7%
BRENT CALENDAR SWAP	0	1,704	-100.0%	0	0.0%	5,347	15,237	-64.9%
SINGAPORE JET FUEL CALEND	0	480	-100.0%	0	0.0%	0	1,440	-100.0%
ROTTERDAM 3.5%FUEL OIL CL	0	120	-100.0%	0	0.0%	0	640	-100.0%
SINGAPORE FUEL OIL 180 CS	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	38,338	36,359	5.4%	34,288	11.8%	397,891	611,303	-34.9%
HENRY HUB FINANCIAL LAST	6,393	5,371	19.0%	2,722	134.9%	47,791	28,902	65.4%
RBOB PHY	10,539	10,501	0.4%	13,840	-23.9%	294,631	390,639	-24.6%
NATURAL GAS PHY	3,805,825	2,344,056	62.4%	3,074,387	23.8%	31,407,669	27,340,396	14.9%
CRUDE OIL APO	94,893	84,502	12.3%	65,365	45.2%	640,113	409,273	56.4%
NATURAL GAS 3 M CSO FIN	13,400	650	1,961.5%	26,000	-48.5%	159,825	228,182	-30.0%
NATURAL GAS 1 M CSO FIN	56,022	54,625	2.6%	42,765	31.0%	487,016	168,709	188.7%
WTI CRUDE OIL 1 M CSO FI	70,430	173,200	-59.3%	129,300	-45.5%	771,245	1,851,715	-58.3%
CRUDE OIL PHY	2,385,874	3,985,730	-40.1%	4,114,009	-42.0%	43,869,843	46,514,953	-5.7%
RBOB CALENDAR SWAP	0	159	-100.0%	50	-100.0%	2,865	6,744	-57.5%
RBOB 1MO CAL SPD OPTIONS	50	0	0.0%	1,200	-95.8%	6,758	11,850	-43.0%
NY HARBOR HEAT OIL SWP	1,512	7,056	-78.6%	2,873	-47.4%	36,891	67,799	-45.6%
PJM MONTHLY	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	58,976	99,625	-40.8%	70,074	-15.8%	564,527	279,675	101.9%

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Options</b>								
HEATING OIL CRACK OPTIONS	0	0	-	0	0.0%	100	0	-
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0.0%	1,700	5,900	-71.2%
NG HH 3 MONTH CAL	0	0	0.0%	0	0.0%	0	500	-100.0%
CRUDE OIL 1MO	104,118	227,688	-54.3%	219,140	-52.5%	2,084,297	3,005,974	-30.7%
WTI 12 MONTH CALENDAR OPT	0	0	0.0%	0	-	0	0	0.0%
NYMEX EUROPEAN GASOIL APO	0	0	0.0%	0	0.0%	0	30	-100.0%
NYMEX EUROPEAN GASOIL OPT	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0.0%	300	0	0.0%
NYISO ZONE G 5MW PEAK OPTI	0	0	0.0%	0	0.0%	19,830	11,160	77.7%
PETROCHEMICALS	345	710	-51.4%	643	-46.3%	12,885	20,321	-36.6%
NATURAL GAS OPTION ON CALE	2,000	2,360	-15.3%	2,900	-31.0%	14,670	28,068	-47.7%
ELEC MISO PEAK	0	0	0.0%	0	0.0%	820	3,420	-76.0%
EUROPEAN JET KEROSENE NW	0	0	0.0%	0	0.0%	0	60	-100.0%
PJM CALENDAR STRIP	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0.0%	11,770	2,290	414.0%
APPALACHIAN COAL	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 6 M CSO FIN	13,050	2,075	528.9%	6,600	97.7%	70,320	11,275	523.7%
ELECTRICITY OFF PEAK	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	0	0	0.0%	0	0.0%	0	264	-100.0%
SINGAPORE GASOIL CALENDAR	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL CRK SPD AVG PRI	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO OUTRIGHT NA	0	0	-	72	-100.0%	72	0	-
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0.0%	4,050	1,200	237.5%
ETHANOL SWAP	6,536	12,251	-46.6%	10,296	-36.5%	75,497	89,330	-15.5%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	-	0	0	0.0%
GASOIL CRACK SPREAD AVG PR	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 2 M CSO FIN	3,400	450	655.6%	2,000	70.0%	14,950	4,505	231.9%
MCCLOSKEY RCH BAY COAL	275	0	0.0%	0	0.0%	275	2,485	-88.9%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	150	-100.0%	1,600	9,505	-83.2%
SHORT TERM	3,986	1,650	141.6%	2,282	74.7%	36,485	31,646	15.3%
SHORT TERM CRUDE OIL	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 12 M CSO FIN	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	6,577	4,230	55.5%	7,120	-7.6%	98,986	69,444	42.5%
COAL API4 INDEX	0	0	0.0%	30	-100.0%	30	1,640	-98.2%
COAL API2 INDEX	75	2,550	-97.1%	345	-78.3%	11,108	158,437	-93.0%
EURO-DENOMINATED PETRO P	0	0	0.0%	0	0.0%	0	0	0.0%
COAL SWAP	0	0	0.0%	0	0.0%	785	1,671	-53.0%
DAILY CRUDE OIL	0	0	0.0%	0	-	0	0	0.0%
GASOLINE	0	0	0.0%	0	0.0%	0	872	-100.0%
PJM WES HUB PEAK CAL MTH	140	130	7.7%	0	0.0%	4,100	11,520	-64.4%
LLS CRUDE OIL	0	0	0.0%	1,800	-100.0%	10,650	11,730	-9.2%
12 MO GASOIL CAL SWAP SPR	0	0	-	200	-100.0%	830	0	-
1 MO GASOIL CAL SWAP SPR	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	440	0	0.0%	788	-44.2%	14,257	11,935	19.5%
PJM ELECTRIC	0	0	0.0%	0	-	0	0	0.0%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	0.0%	2,000	0	-

### FX Futures

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**CMEG Exchange Volume Report - Monthly**

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>FX Futures</b>								
AUSTRALIAN DOLLAR	1,966,392	1,739,780	13.0%	1,980,249	-0.7%	24,054,242	25,303,506	-4.9%
BRITISH POUND	3,085,661	2,507,782	23.0%	2,940,816	4.9%	31,167,897	29,126,002	7.0%
BRAZIL REAL	93,122	78,467	18.7%	99,341	-6.3%	1,147,242	1,004,902	14.2%
CANADIAN DOLLAR	1,741,275	1,413,141	23.2%	1,420,388	22.6%	19,222,524	18,697,306	2.8%
E-MINI EURO FX	106,688	108,639	-1.8%	89,758	18.9%	1,142,522	949,208	20.4%
EURO FX	5,462,093	5,128,281	6.5%	4,593,652	18.9%	56,455,834	49,455,909	14.2%
E-MINI JAPANESE YEN	8,653	31,162	-72.2%	10,916	-20.7%	318,114	393,096	-19.1%
JAPANESE YEN	3,132,614	3,151,760	-0.6%	3,496,263	-10.4%	41,623,449	36,588,788	13.8%
MEXICAN PESO	1,375,988	1,048,297	31.3%	1,025,569	34.2%	13,082,141	14,074,359	-7.0%
NEW ZEALND DOLLAR	558,411	556,812	0.3%	518,702	7.7%	6,352,688	5,938,492	7.0%
NKR/USD CROSS RATE	3,153	4,753	-33.7%	1,608	96.1%	25,688	23,898	7.5%
RUSSIAN RUBLE	141,378	82,923	70.5%	55,738	153.6%	700,678	481,686	45.5%
S.AFRICAN RAND	70,140	35,162	99.5%	39,227	78.8%	671,568	242,283	177.2%
SWISS FRANC	715,528	625,752	14.3%	527,189	35.7%	6,978,111	5,968,783	16.9%
AD/CD CROSS RATES	0	10	-100.0%	0	0.0%	838	69	1,114.5%
AD/JY CROSS RATES	3,840	8,304	-53.8%	1,567	145.1%	33,516	52,139	-35.7%
AD/NE CROSS RATES	66	1	6,500.0%	51	29.4%	1,160	733	58.3%
BP/JY CROSS RATES	5,147	2,325	121.4%	4,219	22.0%	40,981	22,624	81.1%
BP/SF CROSS RATES	191	2	9,450.0%	175	9.1%	1,103	479	130.3%
CD/JY CROSS RATES	0	0	0.0%	0	0.0%	1,490	15	9,833.3%
EC/AD CROSS RATES	6,304	3,446	82.9%	1,721	266.3%	40,887	21,928	86.5%
EC/CD CROSS RATES	9,203	5,905	55.9%	2,342	293.0%	57,521	33,735	70.5%
EC/NOK CROSS RATES	253	2	12,550.0%	766	-67.0%	3,149	11	28,527.3%
EC/SEK CROSS RATES	1,590	747	112.9%	1,225	29.8%	10,456	3,527	196.5%
EFX/BP CROSS RATES	162,438	95,621	69.9%	70,433	130.6%	1,029,005	956,015	7.6%
EFX/JY CROSS RATES	122,607	75,525	62.3%	56,325	117.7%	877,007	542,332	61.7%
EFX/SF CROSS RATES	63,067	60,728	3.9%	17,259	265.4%	464,544	477,722	-2.8%
SF/JY CROSS RATES	0	0	-	0	0.0%	32	0	-
SKR/USD CROSS RATES	7,020	5,630	24.7%	1,500	368.0%	35,201	26,231	34.2%
HUNGARIAN FORINT (US)	0	0	0.0%	0	-	0	0	0.0%
POLISH ZLOTY (US)	411	5,975	-93.1%	313	31.3%	4,046	23,053	-82.4%
POLISH ZLOTY (EC)	37	42	-11.9%	19	94.7%	444	19,906	-97.8%
SHEKEL	982	0	0.0%	35	2,705.7%	1,468	0	0.0%
RMB USD	24	289	-91.7%	1	2,300.0%	345	3,803	-90.9%
KOREAN WON	323	35	822.9%	150	115.3%	786	207	279.7%
TURKISH LIRA	8,772	400	2,093.0%	370	2,270.8%	27,812	420	6,521.9%
TURKISH LIRA (EU)	0	0	0.0%	0	-	0	0	0.0%
E-MICRO EUR/USD	217,510	304,069	-28.5%	227,772	-4.5%	2,987,367	3,371,953	-11.4%
E-MICRO GBP/USD	49,472	63,146	-21.7%	55,621	-11.1%	681,701	1,038,606	-34.4%
E-MICRO USD/CAD	0	0	0.0%	0	0.0%	0	22	-100.0%
E-MICRO USD/CHF	0	0	0.0%	0	0.0%	0	1	-100.0%
E-MICRO USD/JPY	0	0	0.0%	0	0.0%	0	4	-100.0%
E-MICRO AUD/USD	65,633	69,951	-6.2%	83,620	-21.5%	1,012,132	1,218,358	-16.9%
INDIAN RUPEE	44,530	15,301	191.0%	69,855	-36.3%	472,388	160,255	194.8%
E-MICRO USD/CNH	0	0	0.0%	0	0.0%	0	61	-100.0%
E-MICRO CAD/USD	21,505	13,588	58.3%	17,650	21.8%	244,321	245,995	-0.7%
E-MICRO JPY/USD	22,521	51,185	-56.0%	37,845	-40.5%	450,068	396,958	13.4%
E-MICRO INR/USD	1,985	3,297	-39.8%	3,423	-42.0%	31,089	29,960	3.8%
CHINESE RENMINBI (CNH)	2,247	3,214	-30.1%	2,098	7.1%	19,826	21,091	-6.0%
USDZAR	1	0	0.0%	0	0.0%	1	46	-97.8%

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>FX Futures</b>								
BDI	0	1,033	-100.0%	0	0.0%	6,243	13,532	-53.9%
E-MICRO CHF/USD	936	1,314	-28.8%	1,346	-30.5%	11,952	21,814	-45.2%
<b>FX Options</b>								
AUSTRALIAN DOLLAR	0	42,836	-100.0%	0	0.0%	212,674	1,482,477	-85.7%
BRITISH POUND	0	57,338	-100.0%	0	0.0%	476,257	2,284,567	-79.2%
CANADIAN DOLLAR	0	41,383	-100.0%	0	0.0%	190,922	1,455,388	-86.9%
EURO FX	0	349,989	-100.0%	0	0.0%	1,319,366	7,613,024	-82.7%
JAPANESE YEN	0	84,122	-100.0%	0	0.0%	576,337	3,420,975	-83.2%
MEXICAN PESO	820	1,007	-18.6%	2,086	-60.7%	37,948	50,933	-25.5%
NEW ZEALND DOLLAR	0	0	0.0%	0	-	0	0	0.0%
RUSSIAN RUBLE	0	0	0.0%	0	0.0%	0	1,373	-100.0%
SWISS FRANC	0	2,483	-100.0%	0	0.0%	5,710	71,289	-92.0%
JAPANESE YEN (EU)	0	189	-100.0%	2	-100.0%	182	6,126	-97.0%
EURO FX (EU)	4	91	-95.6%	16	-75.0%	509	28,664	-98.2%
SWISS FRANC (EU)	0	0	-	0	0.0%	15	0	-
CANADIAN DOLLAR (EU)	10	7	42.9%	25	-60.0%	146	1,818	-92.0%
BRITISH POUND (EU)	180	106	69.8%	178	1.1%	4,609	9,270	-50.3%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	0.0%	2	1,146	-99.8%
CHF/USD PQO 2pm Fix	1,550	5,244	-70.4%	2,504	-38.1%	38,775	13,121	195.5%
GBP/USD PQO 2pm Fix	220,091	79,080	178.3%	394,149	-44.2%	2,703,047	220,889	1,123.7%
AUD/USD PQO 2pm Fix	74,703	66,533	12.3%	100,896	-26.0%	1,311,708	170,930	667.4%
EUR/USD PQO 2pm Fix	614,134	335,479	83.1%	831,835	-26.2%	7,803,347	737,055	958.7%
JPY/USD PQO 2pm Fix	179,838	179,330	0.3%	277,757	-35.3%	3,113,821	395,282	687.7%
CAD/USD PQO 2pm Fix	169,890	68,690	147.3%	141,355	20.2%	1,741,208	174,857	895.8%

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Commodities and Alternative Investments</b>								
<b>Futures</b>								
CORN	3,879,230	3,983,427	-2.6%	10,685,818	-63.7%	89,876,782	85,625,219	5.0%
SOYBEAN	5,213,938	4,891,612	6.6%	3,726,423	39.9%	54,504,169	61,730,753	-11.7%
SOYBEAN MEAL	2,490,763	2,058,660	21.0%	2,590,954	-3.9%	25,996,399	25,953,938	0.2%
SOYBEAN OIL	2,702,867	2,599,837	4.0%	3,128,091	-13.6%	30,232,316	29,429,298	2.7%
OATS	10,239	10,090	1.5%	19,561	-47.7%	169,252	225,230	-24.9%
ROUGH RICE	24,080	35,335	-31.9%	16,068	49.9%	271,183	305,045	-11.1%
WHEAT	400	6,108	-93.5%	598	-33.1%	120,874	77,631	55.7%
MINI CORN	5,517	8,570	-35.6%	14,781	-62.7%	115,646	143,840	-19.6%
MINI SOYBEAN	18,547	21,315	-13.0%	15,324	21.0%	204,819	296,336	-30.9%
MINI WHEAT	2,759	4,270	-35.4%	5,043	-45.3%	67,718	74,698	-9.3%
LIVE CATTLE	990,439	1,070,654	-7.5%	1,501,601	-34.0%	16,165,210	13,122,784	23.2%
FEEDER CATTLE	274,899	201,104	36.7%	248,101	10.8%	3,541,833	2,537,955	39.6%
LEAN HOGS	731,250	833,836	-12.3%	1,098,220	-33.4%	11,242,021	9,195,000	22.3%
LUMBER	18,386	12,839	43.2%	18,739	-1.9%	205,099	174,982	17.2%
MILK	25,402	37,643	-32.5%	27,303	-7.0%	319,828	321,959	-0.7%
MLK MID	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	5,315	3,309	60.6%	3,930	35.2%	60,375	55,375	9.0%
BUTTER CS	4,025	2,769	45.4%	3,863	4.2%	40,323	39,170	2.9%
CLASS IV MILK	323	1,580	-79.6%	417	-22.5%	10,447	14,302	-27.0%
DRY WHEY	1,629	1,855	-12.2%	1,844	-11.7%	20,786	16,042	29.6%
GSCI EXCESS RETURN FUT	113,965	90,713	25.6%	1,980	5,655.8%	437,683	344,822	26.9%
GOLDMAN SACHS	28,228	34,518	-18.2%	33,561	-15.9%	403,424	359,987	12.1%
HDD WEATHER	7,539	2,700	179.2%	250	2,915.6%	9,239	6,204	48.9%
CDD WEATHER	0	0	0.0%	0	0.0%	26,250	3,375	677.8%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	0	350	-100.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	1,100	1,575	-30.2%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	400	650	-38.5%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	0	200	-100.0%
CAT EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	0	250	-100.0%
HOUSING INDEX	3	7	-57.1%	2	50.0%	136	146	-6.8%
DOW-UBS COMMOD INDEX	163,492	62,564	161.3%	57,947	182.1%	1,093,237	417,312	162.0%
COTTON	1	1	0.0%	3	-66.7%	20	578	-96.5%
COCOA TAS	5	13	-61.5%	1	400.0%	92	2,607	-96.5%
COFFEE	0	0	0.0%	1	-100.0%	41	169	-75.7%
SUGAR 11	0	0	0.0%	0	0.0%	42	418	-90.0%
USD CRUDE PALM OIL	1,310	660	98.5%	1,580	-17.1%	6,434	3,140	104.9%
CASH-SETTLED CHEESE	12,865	8,044	59.9%	15,408	-16.5%	128,370	117,899	8.9%
FERTILIZER PRODUCS	2,170	930	133.3%	2,445	-11.2%	21,700	22,842	-5.0%
S&P GSCI ENHANCED ER SWAP	30,056	34,066	-11.8%	0	0.0%	134,259	116,459	15.3%
CHI WHEAT	1,619,394	1,578,131	2.6%	3,692,929	-56.1%	33,717,805	31,059,726	8.6%
Intercommodity Spread	0	0	0.0%	0	0.0%	0	0	0.0%
KC WHEAT	660,735	625,961	5.6%	1,539,903	-57.1%	12,623,018	9,690,816	30.3%
DJ_UBS ROLL SELECT INDEX FU	1,318	2,140	-38.4%	0	0.0%	8,640	5,036	71.6%
PALM OIL	0	0	0.0%	0	0.0%	0	0	0.0%
MALAYSIAN PALM SWAP	4,040	13,492	-70.1%	5,580	-27.6%	105,112	117,440	-10.5%

**Commodities and Alternative Investments**  
**Options**

CORN	907,261	1,081,443	-16.1%	1,597,246	-43.2%	23,884,970	22,794,484	4.8%
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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Commodities and Alternative Investments</b>								
<b>Options</b>								
SOYBEAN	1,159,974	1,082,946	7.1%	1,176,613	-1.4%	16,980,581	20,109,648	-15.6%
SOYBEAN MEAL	253,230	135,984	86.2%	171,572	47.6%	2,160,060	2,269,279	-4.8%
SOYBEAN OIL	117,231	164,344	-28.7%	194,610	-39.8%	2,050,228	2,298,191	-10.8%
SOYBEAN CRUSH	25	32	-21.9%	76	-67.1%	741	4,825	-84.6%
OATS	618	1,241	-50.2%	996	-38.0%	14,062	18,576	-24.3%
ROUGH RICE	924	593	55.8%	2,640	-65.0%	24,741	19,775	25.1%
WHEAT	350	0	0.0%	100	250.0%	1,900	409	364.5%
LIVE CATTLE	191,199	243,778	-21.6%	246,013	-22.3%	2,901,400	4,032,890	-28.1%
FEEDER CATTLE	34,442	26,568	29.6%	28,328	21.6%	412,553	409,638	0.7%
LEAN HOGS	138,961	198,179	-29.9%	217,787	-36.2%	2,536,927	2,208,546	14.9%
LUMBER	1,609	1,026	56.8%	2,715	-40.7%	16,219	12,522	29.5%
MILK	28,477	53,886	-47.2%	41,858	-32.0%	421,226	383,472	9.8%
MLK MID	78	174	-55.2%	142	-45.1%	834	924	-9.7%
NFD MILK	4,872	815	497.8%	4,697	3.7%	53,069	34,398	54.3%
BUTTER CS	2,273	2,205	3.1%	3,044	-25.3%	22,987	15,851	45.0%
CLASS IV MILK	985	1,878	-47.6%	1,896	-48.0%	20,321	13,873	46.5%
DRY WHEY	847	293	189.1%	1,356	-37.5%	7,481	1,325	464.6%
HDD WEATHER	0	1,000	-100.0%	0	0.0%	1,250	2,000	-37.5%
CDD WEATHER	0	0	0.0%	0	0.0%	47,000	1,000	4,600.0%
HDD SEASONAL STRIP	0	700	-100.0%	4,500	-100.0%	16,000	20,200	-20.8%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	2,800	29,250	-90.4%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	1,500	5,500	-72.7%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	2,500	-100.0%	2,500	2,500	0.0%
HOUSING INDEX	0	0	0.0%	4	-100.0%	46	18	155.6%
CORN NEARBY+2 CAL SPRD	100	1,515	-93.4%	2,005	-95.0%	15,940	36,758	-56.6%
SOYBN NEARBY+2 CAL SPRD	0	300	-100.0%	0	0.0%	1,060	1,701	-37.7%
WHEAT NEARBY+2 CAL SPRD	610	1,082	-43.6%	1,395	-56.3%	17,903	55,023	-67.5%
JULY-DEC CORN CAL SPRD	400	50	700.0%	0	0.0%	17,802	36,834	-51.7%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	409	-100.0%	2,133	590	261.5%
JULY-NOV SOYBEAN CAL SPRD	545	339	60.8%	10	5,350.0%	71,412	66,019	8.2%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0.0%	1,614	33,619	-95.2%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0.0%	0	493	-100.0%
NOV-NOV SOYBEAN CAL SPRD	0	0	0.0%	0	0.0%	164	2,982	-94.5%
LV CATL CSO	0	581	-100.0%	0	0.0%	1,972	851	131.7%
SOYMEAL NEARBY+2 CAL SPRD	0	0	0.0%	0	0.0%	0	3,785	-100.0%
CASH-SETTLED CHEESE	16,146	9,545	69.2%	13,371	20.8%	119,578	91,630	30.5%
SOY OIL NEARBY+2 CAL SPRD	0	0	0.0%	0	-	0	0	0.0%
DEC-DEC CORN CAL SPRD	76	895	-91.5%	0	0.0%	12,136	18,778	-35.4%
JULY-DEC SOY OIL CAL SPRD	0	20	-100.0%	0	0.0%	640	1,020	-37.3%
WHEAT-CORN ICSCO	2,290	300	663.3%	1,015	125.6%	9,846	17,752	-44.5%
DEC-JULY CORN CAL SPRD	0	0	0.0%	290	-100.0%	39,888	26,543	50.3%
NOV-JULY SOYBEAN CAL SPRD	0	0	0.0%	0	0.0%	1,696	0	0.0%
AUG-NOV SOYBEAN CAL SPRD	0	0	0.0%	0	0.0%	103	20	415.0%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	0.0%	36	0	-
MAR-JULY WHEAT CAL SPRD	645	843	-23.5%	200	222.5%	2,214	3,193	-30.7%
CHI WHEAT	428,446	454,644	-5.8%	483,666	-11.4%	7,513,694	6,977,412	7.7%
Intercommodity Spread	0	600	-100.0%	0	0.0%	701	4,046	-82.7%
KC WHEAT	32,905	19,624	67.7%	27,307	20.5%	530,134	346,680	52.9%
AUG-DEC SOYBEAN MEAL CSO	0	0	0.0%	0	0.0%	0	5	-100.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Commodities and Alternative Investments</b>								
<b>Options</b>								
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0.0%	70	2,420	-97.1%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	-	0	0	0.0%
SEP-DEC SOYBEAN MEAL CSO	0	0	0.0%	0	-	0	0	0.0%
<b>Ags Futures</b>								
FERTILIZER PRODUCS	750	0	-	1,800	-58.3%	5,700	0	-
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	4,081	0	0.0%	3,800	7.4%	34,751	10	347,410.0%
<b>Foreign Exchange Options</b>								
AUD/USD PQO 2pm Fix	138	0	-	634	-78.2%	772	0	-
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	103,650,799	114,082,699	-9.1%	153,705,937	-32.6%	1,524,372,618	1,439,873,205	5.9%
Equity Index Futures	45,801,048	45,999,221	-0.4%	41,215,658	11.1%	502,259,554	609,809,228	-17.6%
Metals Futures	9,694,455	6,706,236	44.6%	14,842,277	-34.7%	130,806,992	104,404,492	25.3%
Energy Futures	40,841,587	46,986,542	-13.1%	48,596,471	-16.0%	565,088,313	530,972,794	6.4%
FX Futures	19,279,711	17,303,796	11.4%	17,457,117	10.4%	211,491,577	196,951,823	7.4%
Commodities and Alternative Invest	19,045,129	18,238,753	4.4%	28,458,269	-33.1%	281,882,082	271,611,558	3.8%
Ags Futures	750	0	-	1,800	-58.3%	5,700	0	-
Foreign Exchange Futures	4,081	0	0.0%	3,800	7.4%	34,751	10	347,410.0%
<b>TOTAL FUTURES</b>	<b>238,317,560</b>	<b>249,317,247</b>	<b>-4.4%</b>	<b>304,281,329</b>	<b>-21.7%</b>	<b>3,215,941,587</b>	<b>3,153,623,110</b>	<b>2.0%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	13,130,840	13,542,955	-3.0%	15,909,777	-17.5%	168,773,207	160,368,404	5.2%
Interest Rate Options	34,404,112	39,931,255	-13.8%	42,603,626	-19.2%	531,150,932	454,320,473	16.9%
Metals Options	919,759	833,275	10.4%	893,509	2.9%	11,780,336	11,560,018	1.9%
Energy Options	6,758,695	7,083,973	-4.6%	7,901,436	-14.5%	81,784,467	81,766,300	0.0%
FX Options	1,261,220	1,313,907	-4.0%	1,750,803	-28.0%	19,536,583	18,139,184	7.7%
Commodities and Alternative Invest	3,325,519	3,487,423	-4.6%	4,228,361	-21.4%	59,942,132	62,417,248	-4.0%
Foreign Exchange Options	138	0	-	634	-78.2%	772	0	-
<b>TOTAL OPTIONS</b>	<b>59,800,283</b>	<b>66,192,788</b>	<b>-9.7%</b>	<b>73,288,146</b>	<b>-18.4%</b>	<b>872,968,429</b>	<b>788,571,627</b>	<b>10.7%</b>

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## CMEG Exchange Volume Report - Monthly

	VOLUME DEC 2017	VOLUME DEC 2016	% CHG	VOLUME NOV 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>TOTAL COMBINED</b>								
Interest Rate	138,054,911	154,013,954	-10.4%	196,309,563	-29.7%	2,055,523,550	1,894,193,678	8.5%
Equity Index	58,931,888	59,542,176	-1.0%	57,125,435	3.2%	671,032,761	770,177,632	-12.9%
Metals	10,614,214	7,539,511	40.8%	15,735,786	-32.5%	142,587,328	115,964,510	23.0%
Energy	47,600,282	54,070,515	-12.0%	56,497,907	-15.7%	646,872,780	612,739,094	5.6%
FX	20,540,931	18,617,703	10.3%	19,207,920	6.9%	231,028,160	215,091,007	7.4%
Commodities and Alternative Invest	22,370,648	21,726,176	3.0%	32,686,630	-31.6%	341,824,214	334,028,806	2.3%
Ags	750	0	-	1,800	-58.3%	5,700		-
Foreign Exchange	4,219	0	0.0%	4,434	-4.8%	35,523	10	355,130.0%
<b>GRAND TOTAL</b>	<b>298,117,843</b>	<b>315,510,035</b>	<b>-5.5%</b>	<b>377,569,475</b>	<b>-21.0%</b>	<b>4,088,910,016</b>	<b>3,942,194,737</b>	<b>3.7%</b>

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