

## NYMEX/COMEX Exchange ADV Report - Monthly

July 2023

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Commodity		ADV JUL 2023	ADV JUL 2022	% CHG	ADV JUN 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	257,310	270,044.05	-4.7%	191,359.52	34.5%	243,925	233,477.7	4.5%
NYMEX HOT ROLLED STEEL	HR	1,263	749	68.7%	1,561.38	-19.1%	1,395	1,098.24	27.0%
NYMEX PLATINUM	PL	17,902	15,614.2	14.7%	29,602.57	-39.5%	22,343	19,827.86	12.7%
PALLADIUM	PA	2,415	1,640.05	47.3%	2,262.62	6.7%	2,944	2,233.77	31.8%
URANIUM	UX	0	0	-	0	-	0	0.17	-100.0%
COMEX SILVER	SI	59,498	60,312.65	-1.4%	80,945.43	-26.5%	72,797	68,246.87	6.7%
COMEX E-Mini GOLD	QO	1,253	1,398.45	-10.4%	1,178.14	6.3%	1,803	1,497.22	20.4%
COMEX E-Mini SILVER	QI	189	156.6	20.8%	217.52	-13.0%	293	189.09	55.0%
COMEX COPPER	HG	88,181	82,954.9	6.3%	115,913.67	-23.9%	104,570	83,881.91	24.7%
COMEX MINY COPPER	QC	198	150.95	31.4%	279.9	-29.2%	284	175.74	61.4%
ALUMINUM	AEP	130	121.8	6.6%	7.43	1647.3%	113	83.54	34.7%
ALUMINUM	ALA	0	4.5	-100.0%	0	-	2	12.12	-86.2%
ALUMINUM	ALI	4,000	2,658.75	50.5%	3,876.38	3.2%	3,674	1,189.15	209.0%
ALUMINUM	AUP	263	378.5	-30.5%	239.67	9.8%	307	302.81	1.4%
ALUMINUM	EDP	339	505.35	-32.9%	151.29	124.1%	219	221.7	-1.4%
ALUMINUM	MJP	0	7.5	-100.0%	0	-	5	16.94	-68.9%
COBALT METAL FUTURES	COB	141	57	147.2%	79.81	76.5%	139	44.72	210.4%
COBALT METAL FUTURES	MOX	1	0	-	12.86	-92.2%	5	0	-
COPPER	HGS	50	6.6	653.0%	62.38	-20.3%	81	86.61	-6.0%
COPPER	MHG	4,523	3,840.25	17.8%	5,187.33	-12.8%	5,273	1,438.44	266.6%
FERROUS PRODUCTS	BUS	37	125.45	-70.2%	40.43	-7.5%	49	127.89	-61.4%
FERROUS PRODUCTS	FSF	0	0	-	0.81	-44.4%	1	0	-
GOLD	SGC	1	28.95	-96.9%	0	-	13	40.49	-67.7%
GOLD	SGU	2	29	-94.3%	0.71	131.0%	14	328.31	-95.8%
HOT ROLLED COIL STEEL FUTURES	EHR	204	185.4	10.1%	183.62	11.2%	260	127.85	103.0%
IRON ORE CHINA	TIO	3	72.4	-95.8%	35.24	-91.3%	11	65.69	-82.7%
METALS	HDG	0	4.8	-100.0%	1.71	-100.0%	10	3.1	220.1%
METALS	LTC	0	0	-	0	-	0	0	-
METALS	LTH	87	0	-	14.76	491.0%	28	0	-
METALS	PAC	0	5	-100.0%	0	-	3	9.03	-61.5%
MICRO GOLD	MGC	63,161	44,086.9	43.3%	66,144.14	-4.5%	72,386	53,948.63	34.2%
SILVER	SIL	10,434	6,137.6	70.0%	8,838.86	18.0%	10,758	7,876.32	36.6%

### Metals Options

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

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<b>Metals Options</b>									
ALUMINUM	ALO	0	0	-	0	-	0	0	-
ALUMINUM	AX	66	0	-	124	-46.8%	55	0	-
COMEX COPPER	HX	5,972	4,432.1	34.8%	4,825.29	23.8%	6,465	3,820.13	69.2%
COMEX GOLD	ECGC	198	0	-	637.24	-68.9%	313	0	-
COMEX GOLD	OG	36,162	40,861.35	-11.5%	37,168.1	-2.7%	48,220	43,032.28	12.1%
COMEX SILVER	ECSI	196	0	-	37.43	423.5%	221	0	-
COMEX SILVER	SO	7,191	4,401.45	63.4%	6,036.76	19.1%	7,717	5,216.78	47.9%
COPPER	ECHG	52	0	-	55.24	-6.8%	171	0	-
COPPER	H1E	56	6	830.0%	12.62	342.2%	40	6.65	495.0%
COPPER	H1M	4	5.4	-19.4%	15.81	-72.5%	10	1.92	405.1%
COPPER	H1W	41	11.75	244.7%	13.57	198.4%	21	4.13	400.7%
COPPER	H2E	20	28.85	-30.7%	27.43	-27.1%	38	11.97	219.5%
COPPER	H2M	19	7.45	151.0%	31.9	-41.4%	19	2.58	638.5%
COPPER	H2W	14	6.25	120.8%	20.95	-34.1%	20	1.59	1158.9%
COPPER	H3E	34	56.75	-41.0%	66.95	-50.0%	36	11.72	210.7%
COPPER	H3M	30	19.1	55.8%	1.05	2739.8%	11	3.64	211.8%
COPPER	H3W	34	4.75	622.1%	4.67	635.0%	17	1.22	1339.4%
COPPER	H4E	28	63.7	-55.8%	4.76	491.2%	21	11.96	72.9%
COPPER	H4M	7	5.9	18.6%	2.62	167.3%	11	1.19	831.6%
COPPER	H4W	6	2.85	110.5%	4.95	21.2%	8	1.42	465.9%
COPPER	H5E	0	22.35	-100.0%	17.9	-100.0%	4	3.33	30.9%
COPPER	H5M	21	0	-	0	-	4	0	-
COPPER	H5W	0	0	-	0	-	4	1.23	233.9%
GOLD	G1M	170	267.55	-36.3%	771.81	-77.9%	500	66.92	647.2%
GOLD	G1W	780	392.9	98.4%	540.57	44.2%	535	100.06	434.2%
GOLD	G2M	508	231.65	119.3%	402.57	26.2%	544	108.86	399.5%
GOLD	G2W	872	259.75	235.8%	433.52	101.2%	561	78.96	610.3%
GOLD	G3M	320	198.9	61.1%	89.81	256.8%	345	45.38	660.0%
GOLD	G3W	461	382.2	20.5%	520.71	-11.5%	541	125.03	332.9%
GOLD	G4M	298	165.85	79.7%	323.52	-7.9%	367	42.06	772.1%
GOLD	G4W	35	322.6	-89.2%	453.9	-92.3%	364	78.19	365.8%
GOLD	G5M	332	0	-	0	-	101	0	-
GOLD	G5W	0	0	-	0	-	127	55.15	129.8%
GOLD	OG1	1,786	990.15	80.4%	1,077	65.9%	2,251	2,328.73	-3.3%
GOLD	OG2	2,306	1,988.65	15.9%	1,315.05	75.3%	2,629	2,411.69	9.0%

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<b>Metals Options</b>									
GOLD	OG3	1,513	1,881.25	-19.6%	2,025.76	-25.3%	2,539	2,466.39	3.0%
GOLD	OG4	1,877	1,605.15	17.0%	1,172.86	60.1%	1,645	2,033.48	-19.1%
GOLD	OG5	0	1,955.8	-100.0%	1,501.05	-100.0%	517	543.06	-4.8%
IRON ORE CHINA	ICT	0	0	-	0	-	0	0	-
NYMEX HOT ROLLED STEEL	HRO	97	73	32.7%	104.76	-7.5%	111	79.51	39.2%
NYMEX PLATINUM	PO	751	119.1	530.3%	907.43	-17.3%	822	280.47	193.2%
PALLADIUM	PAO	22	0.35	6142.9%	25.33	-13.8%	45	0.77	5734.5%
SILVER	M1S	39	20.05	94.8%	88.38	-55.8%	66	4.64	1332.8%
SILVER	M2S	78	21.15	266.4%	80.05	-3.2%	83	8.01	938.6%
SILVER	M3S	70	10.4	569.2%	4	1640.0%	37	3.94	848.0%
SILVER	M4S	46	10.4	340.4%	33.52	36.6%	41	3.51	1077.8%
SILVER	M5S	84	0	-	0	-	16	0	-
SILVER	SO1	259	127.9	102.1%	227.81	13.5%	352	222.71	57.9%
SILVER	SO2	424	117.5	260.4%	329.76	28.4%	399	258.88	54.1%
SILVER	SO3	286	127.45	124.8%	310.62	-7.8%	321	184.81	73.4%
SILVER	SO4	372	127.35	191.9%	191.62	94.0%	208	156.4	32.8%
SILVER	SO5	0	159.3	-100.0%	203.81	-100.0%	85	38.02	123.1%
SILVER	W1S	185	20.15	816.6%	89.14	107.2%	96	6.49	1377.3%
SILVER	W2S	94	16	487.5%	95.33	-1.4%	75	4.88	1447.3%
SILVER	W3S	63	8.9	611.8%	106.71	-40.6%	73	5.39	1251.7%
SILVER	W4S	7	7.9	-8.2%	53.95	-86.6%	38	3.11	1110.3%
SILVER	W5S	0	0	-	0	-	14	2.24	509.9%

### Energy Futures

CRUDE OIL PHY	CL	819,134	805,562.55	1.7%	857,268.1	-4.4%	813,657	885,860.6	-8.2%
CRUDE OIL	WS	0	0	-	0	-	0	0	-
MINY WTI CRUDE OIL	QM	13,437	32,741.7	-59.0%	16,377.1	-18.0%	15,847	30,574.44	-48.2%
BRENT OIL LAST DAY	BZ	53,226	66,063.7	-19.4%	58,860	-9.6%	56,158	74,138.4	-24.3%
HEATING OIL PHY	HO	155,243	144,808.65	7.2%	155,150.71	0.1%	151,220	164,599.66	-8.1%
HTG OIL	BH	2	1.8	0.0%	0	-	1	0.5	16.7%
MINY HTG OIL	QH	0	0.55	-54.5%	0.62	-59.6%	1	0.4	26.3%
RBOB PHY	RB	187,450	148,218.4	26.5%	209,051.86	-10.3%	177,157	182,203.08	-2.8%

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<b>Energy Futures</b>									
MINY RBOB GAS	QU	0	0.35	-14.3%	0.33	-10.0%	0	0.42	13.3%
NATURAL GAS	HP	6,807	6,848.45	-0.6%	7,893.29	-13.8%	9,245	9,005.13	2.7%
LTD NAT GAS	HH	13,477	14,596.7	-7.7%	15,435.38	-12.7%	16,836	17,502.14	-3.8%
MINY NATURAL GAS	QG	7,410	15,709.6	-52.8%	8,755.48	-15.4%	11,792	15,575.77	-24.3%
NATURAL GAS PHY	NG	323,929	291,346.75	11.2%	431,925.76	-25.0%	404,819	369,592.44	9.5%
RBOB GAS	RT	1	1.2	-50.0%	0	-	0	0.33	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	112	409	-72.6%	113.1	-1.0%	183	271.42	-32.7%
ARGUS PROPAN FAR EST INDE	7E	411	231.75	77.2%	429.67	-4.4%	410	272.92	50.1%
ARGUS PROPAN(SAUDI ARAMCO	9N	125	65.3	90.9%	112.19	11.1%	138	97.93	41.0%
BRENT BALMO SWAP	J9	1	0	-	0.95	-21.3%	0	11.02	-97.8%
BRENT CALENDAR SWAP	CY	216	501.45	-57.0%	241.57	-10.8%	413	710.94	-41.9%
BRENT FINANCIAL FUTURES	MBC	0	12	-100.0%	0	-	2	1.67	37.5%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAR VINTAGE	GEO	221	308.35	-28.3%	284.81	-22.4%	510	132.19	286.0%
CAR VINTAGE	NGO	233	764.85	-69.5%	178.1	31.0%	300	604.05	-50.4%
CEU ENERGY	TFU	17	0	-	0	-	2	0	-
CHICAGO ETHANOL SWAP	CU	3,589	2,774.6	29.4%	4,287.52	-16.3%	3,564	2,823.08	26.3%
CHICAGO ULSD PL VS HO SPR	5C	121	21.25	468.2%	62.14	94.3%	58	28.56	101.3%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	2	0	-	3.43	-47.5%	3	11.95	-71.8%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	17	27.5	-39.5%	24.29	-31.4%	14	17.65	-20.0%
CONWAY PROPANE 5 DECIMALS SWAP	8K	896	691.25	29.6%	1,037.19	-13.6%	934	752.22	24.2%
CRUDE OIL LAST DAY	26	6	28.6	-79.0%	6.62	-9.4%	19	20.46	-8.7%
CRUDE OIL OUTRIGHTS	42	44	35.4	24.7%	11.24	292.9%	19	47.54	-60.6%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	0	-	0	10.88	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	-	0	-	0	8.75	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	5.25	-100.0%	0	-	0	0.73	-100.0%
CRUDE OIL OUTRIGHTS	HTT	6,010	2,551.7	135.5%	5,051.43	19.0%	6,797	3,369.9	101.7%
CRUDE OIL OUTRIGHTS	LSW	0	0	-	0	-	1	26.6	-97.4%
CRUDE OIL OUTRIGHTS	WCW	0	0	-	0	-	0	114.79	-100.0%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL PHY	MCL	84,945	129,257.05	-34.3%	100,403.14	-15.4%	93,666	126,616.22	-26.0%
CRUDE OIL SPRDS	ANT	120	43	179.4%	0	-	36	41.53	-12.5%

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<b>Energy Futures</b>									
CRUDE OIL SPRDS	BKT	0	0	-	35.71	-100.0%	5	0	-
CRUDE OIL SPRDS	HIL	0	0	-	0	-	0	22.6	-100.0%
CRUDE OIL SPRDS	WTT	2,256	2,051.95	10.0%	2,356.57	-4.3%	3,143	2,463.39	27.6%
CRUDE OIL TRADE AT MARKER SINGAPOR	CLS	0	0	-	0	-	0	0	-
DAILY PJM	AOR	0	0	-	0	-	0	0	-
DAILY PJM	IDO	0	0	-	0	-	0	0	-
DAILY PJM	NOC	0	0	-	0	-	0	0	-
DAILY PJM	WOR	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	FY	0	0	-	0	-	0	15.42	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.03	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	20	0	-	0	-	3	13.89	-80.0%
DUTCH TTF NATURAL GAS CAL MONTH FU1	TTF	1,449	1.05	137871.4%	1,272.05	13.9%	477	99.96	376.9%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	-	2.86	-100.0%	5	5.67	-4.3%
EMMISSIONS	CGO	161	184.75	-12.9%	75.95	111.9%	111	66.16	68.1%
ETHANOL	MTH	0	0	-	0	-	0	0.07	-100.0%
ETHANOL	Z1B	1	0	-	0	-	0	0	-
ETHANOL SWAP	MT2	7	6.75	3.7%	25	-72.0%	16	9.97	63.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	209	62.4	234.9%	253.52	-17.6%	208	132.8	56.8%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	4.14	-100.0%	1	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0	-
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-	0	8.12	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	-	0.14	-100.0%	2	3.79	-59.2%
EUROPEAN GASOIL (ICE)	7F	0	86.9	-100.0%	1.14	-100.0%	2	87.49	-97.9%
EUROPEAN NAPHTHA BALMO	KZ	1	0.35	257.1%	0	-	1	1.06	-41.4%
EUROPEAN NAPHTHA CRACK SPR	EN	163	42.15	287.1%	128.43	27.0%	156	121.86	27.8%
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	0	0	-
EUROPE NAPHTHA CALSWAP	UN	32	15.35	107.2%	40	-20.5%	46	32.85	41.4%
EURO PROPANE CIF ARA SWA	PS	112	46	142.9%	89.57	24.8%	95	78.78	21.2%
FREIGHT MARKETS	BL2	1	2.25	-66.7%	4.29	-82.5%	8	2.4	247.8%
FREIGHT MARKETS	CS3	0	0	-	0	-	0	0.07	-100.0%
FREIGHT MARKETS	CS4	0	0	-	1.9	-100.0%	0	2.5	-80.6%
FREIGHT MARKETS	FLJ	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	0	1.5	-100.0%	1.14	-100.0%	0	1.54	-86.9%
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
FREIGHT MARKETS	T2D	0	0	-	0	-	0	4.92	-100.0%
FREIGHT MARKETS	TC6	0	0	-	0	-	0	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-	0	0	-
FUEL OIL CRACK VS ICE	FO	0	1.8	-100.0%	0	-	0	8.28	-100.0%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.46	-54.5%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-	0	0	-
GAS EURO-BOB OXY NWE BARGES	7H	26	8.65	202.9%	16.9	55.0%	13	10.99	16.7%
GAS EURO-BOB OXY NWE BARGES CRK	7K	18	35.25	-49.8%	94.67	-81.3%	72	140.95	-48.8%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.31	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.07	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.25	-100.0%	0	-	0	0.45	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	GX	0	0.3	-100.0%	0.43	-100.0%	0	6.53	-95.2%
GASOIL CRACK SPREAD CALEN	GZ	0	4.35	-100.0%	0	-	4	75.29	-95.2%
GASOIL MINI CALENDAR SWAP	QA	10	7.9	31.6%	8.38	24.1%	10	17.44	-42.5%
GERMAN POWER BASELOAD CAL MONTH F	DEB	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	285	157.75	80.5%	262.86	8.3%	203	247.12	-17.9%
GRP THREE UNL GS (PLT) VS	A8	102	85.35	18.9%	71.76	41.4%	118	177.93	-33.6%
GULF COAST 3% FUEL OIL BA	VZ	0	5.35	-100.0%	0	-	0	5.88	-100.0%
GULF COAST JET VS NYM 2 H	ME	582	204.25	185.1%	538	8.2%	486	538.26	-9.7%
GULF COAST NO.6 FUEL OIL	MF	128	81.05	57.9%	301.38	-57.5%	229	156.99	45.7%
GULF COAST NO.6 FUEL OIL	MG	770	388.25	98.3%	541.67	42.1%	696	328.51	111.9%
GULF COAST ULSD CALENDAR	LY	0	0	-	2.86	-100.0%	6	5.06	18.4%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-	0	0	-
HEATING OIL BALMO CLNDR S	1G	5	13.25	-64.9%	14.05	-66.9%	9	22.01	-60.4%
HEATING OIL CRCK SPRD BAL	1H	0	6.35	-100.0%	0	-	0	0.88	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HEATING OIL PHY	MHO	0	0.15	-100.0%	0	-	0	0.04	66.4%
HENRY HUB SWAP	NN	897	757.05	18.5%	817.67	9.7%	1,612	1,311.34	23.0%
ICE BRENT DUBAI SWAP	DB	0	0	-	0	-	1	15.23	-91.3%
INDONESIAN COAL ICI4	ICI	0	0	-	0	-	0	0	-
JAPAN C&F NAPHTHA CRACK S	JB	0	10.7	-100.0%	0.24	-100.0%	0	2.17	-98.4%
JAPAN C&F NAPHTHA SWAP	JA	3	6.05	-44.6%	18.14	-81.5%	8	6.49	20.7%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	0	0.04	99.8%
JET CIF NWE VS ICE	JC	0	6	-100.0%	0	-	1	10.05	-87.1%

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<b>Energy Futures</b>									
JET FUEL UP-DOWN BALMO CL	1M	80	35.25	125.5%	65.48	21.4%	49	101.85	-51.9%
JKM LNG Futures	JKM	0	2.4	-100.0%	0	-	0	14.97	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	5	0	-	0	-	16	15.22	8.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-	2	0	-
LA JET (OPIS) SWAP	JS	18	6.25	188.0%	43.33	-58.5%	28	22.74	24.1%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	-	0	-	4	0.65	534.4%
MARS (ARGUS) VS WTI SWAP	YX	0	3.75	-100.0%	0	-	0	11.18	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	535	533.65	0.2%	753.33	-29.0%	852	742.68	14.7%
MCCLOSKEY ARA ARGS COAL	MTF	29	203.65	-85.6%	58.29	-49.6%	48	326.99	-85.3%
MCCLOSKEY RCH BAY COAL	MFF	0	8.3	-100.0%	0	-	0	20.76	-99.6%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	6	0.5	1000.0%	0	-	1	1.62	-44.2%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-	1	0.35	320.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	0	17.4	-100.0%	2.05	-100.0%	6	18.99	-66.0%
MJC FUT	MJC	0	0	-	0	-	0	0	-
MNC FUT	MNC	24	63.95	-62.5%	31.05	-22.9%	51	80.67	-36.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	2,295	1,709.3	34.3%	1,219.67	88.2%	1,632	1,734.21	-5.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	4	20.75	-80.7%	19.76	-79.8%	31	43.01	-26.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	10,447	6,060.9	72.4%	11,731.19	-10.9%	11,145	8,112.05	37.4%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	131	118.3	10.8%	87.24	50.2%	118	152.6	-22.7%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	1,138	1,256.25	-9.4%	1,752.81	-35.1%	1,250	1,133.15	10.4%
MONT BELVIEU NATURAL GASOLINE BALM	R0	33	105.95	-68.5%	97.38	-65.7%	76	67.26	12.9%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	4,115	2,521.65	63.2%	3,621.38	13.6%	3,276	2,543.45	28.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	35	38.45	-9.5%	41.86	-16.9%	56	74.65	-25.0%
NATURAL GAS	NWM	17	0	-	0	-	3	0	-
NATURAL GAS PEN SWP	NP	736	1,739.8	-57.7%	1,213.86	-39.4%	1,075	2,454.46	-56.2%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-	0	0	-
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	63	41.25	53.3%	56.43	12.1%	35	42.44	-16.7%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	MP	80	65.55	21.3%	120.33	-33.9%	119	55.78	113.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-	0	0	-
NY HARBOR RESIDUAL FUEL 1	MM	0	1.25	-100.0%	3.33	-100.0%	5	7.47	-30.2%



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<b>Energy Futures</b>									
NYH NO 2 CRACK SPREAD CAL	HK	182	33.75	440.0%	193.62	-5.9%	186	101.7	83.2%
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	55	74.95	-26.6%	232.95	-76.4%	67	24.86	171.1%
PETROCHEMICALS	22	7	3.3	116.7%	3.86	85.4%	8	6.53	29.1%
PETROCHEMICALS	32	3	1.55	83.9%	0.71	299.0%	4	1.94	97.5%
PETROCHEMICALS	3NA	0	0	-	4.05	-90.1%	3	1.24	107.3%
PETROCHEMICALS	51	1	0.1	550.0%	0	-	0	0.1	-13.3%
PETROCHEMICALS	81	0	3	-100.0%	0	-	0	2.94	-85.8%
PETROCHEMICALS	8I	13	16.65	-22.5%	24.67	-47.7%	32	43.94	-27.5%
PETROCHEMICALS	91	17	2.75	500.0%	13.76	19.9%	20	14.96	31.1%
PETROCHEMICALS	MAA	6	0	-	8.1	-32.1%	7	2.92	142.9%
PETROCHEMICALS	MAE	74	32	132.2%	80.1	-7.2%	72	51.94	38.5%
PETROCHEMICALS	MAS	23	16.75	35.2%	14.29	58.6%	23	19.1	19.2%
PETROCHEMICALS	MBE	6	0	-	13.33	-58.7%	5	4.24	18.0%
PETROCHEMICALS	MNB	0	0	-	0	-	0	0.1	-100.0%
PETROCHEMICALS	MPS	39	15.95	145.1%	21.33	83.3%	26	10.99	133.0%
PETROCHEMICALS	PMF	0	0	-	0.29	-100.0%	0	0.08	116.8%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	CRB	826	978.25	-15.6%	485.24	70.1%	573	850.53	-32.6%
PETRO CRCKS & SPRDS NA	EXR	3	7.1	-53.5%	12.38	-73.3%	11	16.54	-34.6%
PETRO CRCKS & SPRDS NA	GBB	0	5	-100.0%	21.43	-100.0%	6	4.34	49.6%
PETRO CRCKS & SPRDS NA	GCI	0	0	-	17.86	-100.0%	3	1.04	150.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	-	0	-	1	1.91	-65.1%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0.95	-100.0%	6	9.38	-41.1%
PETRO CRCKS & SPRDS NA	HOB	2	0	-	0	-	9	4.01	130.5%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	4	2.5	60.0%	28.33	-85.9%	32	38.91	-18.8%
PETRO CRCKS & SPRDS NA	RVG	23	53.45	-57.9%	1.67	1250.0%	63	117.33	-46.0%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	1NB	0	0	-	0	-	2	12.4	-85.2%
PETRO CRK&SPRD EURO	43	0	0	-	0	-	1	0.84	-14.9%
PETRO CRK&SPRD EURO	BOB	0	0	-	0	-	1	3.99	-79.1%
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	EPN	23	15.5	48.1%	32.29	-28.9%	20	17.33	16.8%
PETRO CRK&SPRD EURO	EVC	0	0	-	1.43	-100.0%	3	5.47	-52.4%



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<b>Energy Futures</b>									
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-	0	0.06	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	NOB	5	4.15	13.3%	9.24	-49.1%	5	5.52	-4.5%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-	0	0.35	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	-	0	-	0	0.01	49.6%
PETROLEUM PRODUCTS	CMS	0	10	-100.0%	0	-	7	6.39	10.9%
PETROLEUM PRODUCTS	EWG	0	0	-	0	-	10	19.65	-50.3%
PETROLEUM PRODUCTS	H5F	0	2	-100.0%	3.57	-100.0%	3	1.56	77.8%
PETROLEUM PRODUCTS	JCC	5	77.4	-93.5%	0	-	55	65.31	-15.2%
PETROLEUM PRODUCTS	R5F	0	0.9	-61.1%	0.48	-26.5%	1	1.94	-62.0%
PETROLEUM PRODUCTS	S53	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	VU	11	0	-	0	-	1	7.97	-81.7%
PETROLEUM PRODUCTS ASIA	E6M	0	0.25	-100.0%	0	-	0	0.17	-40.0%
PETROLEUM PRODUCTS ASIA	MJN	7	9.25	-24.3%	15.71	-55.5%	19	43.93	-55.8%
PETRO OUTRIGHT EURO	0B	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0D	0	1.4	-75.0%	0	-	1	1.2	-2.9%
PETRO OUTRIGHT EURO	0F	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT EURO	5L	0	0	-	0.95	-100.0%	1	0	-
PETRO OUTRIGHT EURO	7I	0	0	-	0	-	1	1.98	-73.7%
PETRO OUTRIGHT EURO	7R	0	0.3	16.7%	1.43	-75.5%	0	0.26	76.3%
PETRO OUTRIGHT EURO	CBB	3	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CGB	1	0	-	0	-	0	0.21	-50.0%
PETRO OUTRIGHT EURO	CPB	16	5.75	184.3%	1.9	758.4%	12	10.06	24.0%
PETRO OUTRIGHT EURO	EWN	3	3.45	-5.8%	13.38	-75.7%	15	5.13	188.6%
PETRO OUTRIGHT EURO	M1B	27	47.6	-43.7%	38.14	-29.7%	43	55.24	-21.3%
PETRO OUTRIGHT EURO	MBN	46	8.8	422.7%	39.33	16.9%	31	31.92	-3.3%
PETRO OUTRIGHT EURO	MEF	0	0.5	-100.0%	0	-	0	0.55	-97.5%
PETRO OUTRIGHT EURO	MQA	13	0	-	12.38	3.8%	9	0.96	872.5%
PETRO OUTRIGHT EURO	R53	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	R5M	33	62.1	-47.3%	46.57	-29.8%	56	87.63	-36.4%
PETRO OUTRIGHT EURO	R5O	28	25.35	10.3%	33.1	-15.5%	29	52.64	-45.8%
PETRO OUTRIGHT EURO	RBM	0	0	-	0	-	1	0.66	7.4%
PETRO OUTRIGHT EURO	S5B	0	0	-	0.05	-100.0%	0	0.03	-80.1%
PETRO OUTRIGHT EURO	S5F	16	5.95	160.5%	18.14	-14.6%	18	6.19	183.9%
PETRO OUTRIGHT EURO	S5M	70	91.7	-23.4%	80.57	-12.9%	83	108.62	-23.3%

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<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	S5O	30	128	-76.5%	30.76	-2.2%	35	155.97	-77.4%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	SR5	0	0.75	-100.0%	0	-	2	0.1	1499.5%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	1	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	A8B	14	28	-50.9%	17.38	-20.9%	8	12.36	-36.5%
PETRO OUTRIGHT NA	AB6	18	37	-50.7%	29.76	-38.7%	18	19.41	-5.5%
PETRO OUTRIGHT NA	BCR	93	63	47.6%	74.29	25.2%	56	127.74	-56.5%
PETRO OUTRIGHT NA	JE	0	0	-	0	-	0	0.42	-100.0%
PETRO OUTRIGHT NA	JET	34	16.25	107.7%	165.95	-79.7%	77	22.99	234.1%
PETRO OUTRIGHT NA	JTB	8	22.5	-66.7%	42.86	-82.5%	11	14.31	-22.4%
PETRO OUTRIGHT NA	MBL	0	0	-	2.86	-100.0%	2	4.83	-68.8%
PETRO OUTRIGHT NA	MEN	0	2.1	-85.7%	0.48	-37.0%	2	3.74	-40.9%
PETRO OUTRIGHT NA	MEO	2	12.75	-86.3%	7.62	-77.0%	6	11.8	-45.1%
PETRO OUTRIGHT NA	MMF	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	Z9	0	0	-	0	-	0	0	-
PJM DAILY	JD	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	B3	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	N9	0	0	-	0	-	0	0	-
PJM WESTH RT PEAK	L1	0	0	-	0	-	0	0	-
PLASTICS	PGP	31	28.55	9.8%	52.1	-39.8%	40	49.81	-20.3%
PREMIUM UNLD 10P FOB MED	3G	0	0	-	0	-	0	0.42	-75.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	122	58.5	109.1%	53.33	129.4%	66	81.98	-19.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	1,245	605.15	105.8%	1,791.67	-30.5%	1,176	648.72	81.3%
RBOB CALENDAR SWAP	RL	586	165.25	254.6%	250.62	133.8%	386	272.07	41.9%
RBOB CRACK SPREAD	RM	34	16.5	107.6%	84.05	-59.2%	109	91.4	18.8%
RBOB CRACK SPREAD BALMO S	1E	0	6.35	-100.0%	0	-	1	0.88	-21.3%
RBOB GASOLINE BALMO CLNDR	1D	27	39.7	-33.1%	64.71	-59.0%	53	77.64	-32.2%
RBOB PHY	MRB	0	0.7	-71.4%	0.05	320.2%	0	0.17	-8.0%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	0	9	-100.0%	0	-	0	3.85	-94.6%
SINGAPORE 180CST BALMO	BS	0	0	-	0.14	-100.0%	0	0	-
SINGAPORE 380CST BALMO	BT	0	0	-	0	-	0	0.01	-100.0%
SINGAPORE 380CST FUEL OIL	SE	4	0.55	627.3%	7.76	-48.5%	7	8.88	-20.0%

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<b>Energy Futures</b>									
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-	0	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-	0	0.21	-20.0%
SINGAPORE GASOIL	MAF	0	18.75	-98.7%	0.29	-12.5%	2	25.19	-93.5%
SINGAPORE GASOIL	MTB	0	0	-	0	-	0	1.29	-100.0%
SINGAPORE GASOIL	MTS	5	16	-71.6%	10.81	-57.9%	18	15.99	14.2%
SINGAPORE GASOIL	SBM	0	0	-	0.48	-100.0%	0	2.31	-97.0%
SINGAPORE GASOIL CALENDAR	MSG	7	1.15	508.7%	2.57	172.2%	3	7.99	-63.9%
SINGAPORE GASOIL SWAP	SG	3	3.75	-14.7%	50.86	-93.7%	37	20.59	79.9%
SINGAPORE GASOIL VS ICE	GA	0	0	-	0	-	0	27.33	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	0	-	0	-	0	25.37	-100.0%
SINGAPORE JET KEROSENE SW	KS	0	0	-	0	-	0	2.81	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-	1	5.63	-87.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	13	0	-	58.81	-78.6%	23	4.17	460.3%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	1	1.83	-34.8%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	1.35	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	0	-	0	42.95	-100.0%
ULSD UP-DOWN BALMO SWP	1L	237	158.7	49.3%	298.33	-20.6%	327	329.37	-0.7%
UP DOWN GC ULSD VS NMX HO	LT	1,584	709.55	123.2%	1,487.14	6.5%	1,452	1,422.63	2.1%
WTI-BRENT CALENDAR SWAP	BK	2,448	1,914.65	27.9%	2,535.1	-3.4%	2,401	2,746.53	-12.6%
WTI CALENDAR	CS	3,070	1,569.25	95.6%	2,733.67	12.3%	2,982	3,106.86	-4.0%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	47.62	-100.0%	13	0	-
WTS (ARGUS) VS WTI SWAP	FF	71	15.75	352.4%	292.86	-75.7%	127	130.99	-2.8%
WTS (ARGUS) VS WTI TRD MT	FH	33	0	-	0	-	13	40.87	-67.6%

### Energy Options

BRENT CALENDAR SWAP	BA	27	0	-	4.29	537.0%	11	21.43	-47.7%
BRENT CRUDE OIL 1 M CSO	9C	0	0	-	28.57	-100.0%	4	619.79	-99.3%
BRENT OIL LAST DAY	BE	0	8.75	-100.0%	23.81	-100.0%	196	627.34	-68.8%
BRENT OIL LAST DAY	BZO	384	547.25	-29.9%	397.81	-3.5%	518	971.82	-46.7%
COAL API2 INDEX	F2C	0	0	-	4.76	-100.0%	2	2.71	-28.2%
COAL API2 INDEX	F2Q	0	0	-	0	-	0	0.69	-100.0%
CRUDE OIL 1MO	WA	4,538	1,588	185.7%	2,141.67	111.9%	2,450	3,414.97	-28.2%
CRUDE OIL APO	AO	1,350	1,039.7	29.9%	1,291.76	4.5%	1,322	1,048.88	26.0%

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<b>Energy Options</b>									
CRUDE OIL OUTRIGHTS	ECCL	201	0	-	125.52	60.3%	306	0	-
CRUDE OIL PHY	LC	848	874	-3.0%	729.62	16.2%	1,369	1,894.71	-27.7%
CRUDE OIL PHY	LO	103,395	114,338.7	-9.6%	118,457.81	-12.7%	112,969	123,892.28	-8.8%
CRUDE OIL PHY	LO1	3,045	534.45	469.7%	1,625.38	87.3%	2,308	1,443.18	60.0%
CRUDE OIL PHY	LO2	2,546	1,207.6	110.9%	2,366.52	7.6%	2,246	1,070.76	109.8%
CRUDE OIL PHY	LO3	2,164	3.05	70834.4%	1,783.1	21.3%	1,633	798.41	104.6%
CRUDE OIL PHY	LO4	2,173	1,676.05	29.6%	2,060.62	5.5%	2,115	1,530.49	38.2%
CRUDE OIL PHY	LO5	0	1,313.25	-100.0%	3,096.67	-100.0%	874	306.63	185.1%
CRUDE OIL PHY	MCO	639	328.45	94.6%	714.67	-10.6%	770	61.35	1155.8%
CRUDE OIL PHY	ML1	0	0	-	0	-	0	0	-
CRUDE OIL PHY	MW1	76	23.35	224.0%	53.86	40.5%	73	4.67	1464.5%
CRUDE OIL PHY	MW2	94	49.95	87.6%	75.86	23.5%	82	8.28	885.4%
CRUDE OIL PHY	MW3	57	0	-	67.62	-15.7%	71	1.1	6329.2%
CRUDE OIL PHY	MW4	59	132.5	-55.5%	89.57	-34.2%	113	20.93	438.3%
CRUDE OIL PHY	MW5	0	76.85	-100.0%	136.29	-100.0%	32	10.67	202.5%
CRUDE OIL PHY	WL2	0	0	-	0	-	0	0	-
ELEC FINSETTLED	PJN	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	54	123.7	-56.1%	134.67	-59.6%	108	169.35	-36.2%
FREIGHT MARKETS	FLO	0	0	-	0	-	0	0.21	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	5.21	-100.0%
HEATING OIL PHY	LB	0	0	-	0	-	1	2.65	-72.3%
HEATING OIL PHY	OH	256	364.5	-29.9%	221.95	15.1%	506	549.04	-7.8%
HENRY HUB FINANCIAL LAST	E7	799	175.55	355.2%	1,183.62	-32.5%	676	256.75	163.5%
HENRY HUB FINANCIAL LAST	ECNG	43	0	-	39.62	7.8%	118	0	-
HO 1 MONTH CLNDR OPTIONS	FA	480	65	638.5%	4.76	9980.0%	150	32.12	368.1%
LLS CRUDE OIL	HTO	0	0	-	0	-	0	8.33	-100.0%
LLS CRUDE OIL	WTO	0	0	-	0	-	21	6.25	233.3%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	0	0	-
NATURAL GAS	LN1	14	0	-	0.29	4868.5%	3	2.43	14.9%
NATURAL GAS	LN2	12	0.45	2588.9%	0.1	12610.1%	2	4.85	-50.7%
NATURAL GAS	LN3	15	0.25	5860.0%	24.57	-39.4%	6	7.38	-23.3%
NATURAL GAS	LN4	58	0	-	0.1	60876.9%	8	10.53	-23.3%
NATURAL GAS	LN5	0	0.15	-100.0%	0.67	-100.0%	0	0.03	180.1%
NATURAL GAS 1 M CSO FIN	G4	5,595	4,295	30.3%	5,273.95	6.1%	4,089	4,712.79	-13.2%
NATURAL GAS 2 M CSO FIN	G2	50	17.5	185.7%	0	-	9	97.92	-91.1%

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<b>Energy Options</b>									
NATURAL GAS 3 M CSO FIN	G3	1,091	2,255	-51.6%	4,807.14	-77.3%	3,750	1,813.19	106.8%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	60	321.18	-81.3%
NATURAL GAS 6 M CSO FIN	G6	0	200	-100.0%	0	-	453	561.81	-19.3%
NATURAL GAS OPT	JFO	0	0	-	0	-	0	2.08	-100.0%
NATURAL GAS OPT	JKO	0	7.5	-100.0%	0	-	0	37.5	-100.0%
NATURAL GAS OPT	TFO	0	0	-	0	-	0	4.86	-100.0%
NATURAL GAS OPTION ON CALENDAR STR	6J	0	0	-	0	-	0	4.17	-100.0%
NATURAL GAS PHY	KD	8	176.5	-95.8%	4.76	57.5%	16	71.74	-78.2%
NATURAL GAS PHY	LN	112,829	91,451.85	23.4%	132,209.33	-14.7%	123,447	104,121.69	18.6%
NATURAL GAS PHY	ON	4,960	3,880.4	27.8%	6,156.1	-19.4%	4,250	4,631.91	-8.2%
NATURAL GAS PHY	ON3	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	218	53.3	308.6%	264.43	-17.6%	175	96.75	81.3%
PETROCHEMICALS	4H	0	0	-	0.33	-10.0%	3	21.97	-87.3%
PETROCHEMICALS	4J	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	0	0	-	0	-	1	2.6	-76.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-	0	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	50	-100.0%	0	-	0	17.71	-100.0%
RBOB CALENDAR SWAP	RA	0	22.25	-100.0%	0	-	0	23.59	-100.0%
RBOB PHY	OB	213	152.9	39.5%	110.48	93.0%	164	174.94	-6.5%
RBOB PHY	RF	0	3	-100.0%	0	-	0	8.75	-96.4%
SHORT TERM	U11	0	0	-	0	-	0	2.08	-100.0%
SHORT TERM	U12	0	0	-	0	-	0	3.82	-100.0%
SHORT TERM	U13	0	0	-	0	-	5	0.69	600.0%
SHORT TERM	U14	0	0	-	0	-	1	3.47	-80.0%
SHORT TERM	U15	0	0	-	0	-	0	0	-
SHORT TERM	U22	0	0	-	0	-	0	1.39	-100.0%
SHORT TERM	U23	0	0	-	0	-	0	0	-
SHORT TERM	U24	0	0	-	0	-	0	0	-
SHORT TERM	U25	0	0	-	0	-	0	1.39	-100.0%
SHORT TERM	U26	0	0	-	0	-	0	1.39	-100.0%
SHORT TERM NATURAL GAS	U01	18	0	-	0	-	3	1.74	100.0%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	29	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-	2	2.78	-25.0%
SHORT TERM NATURAL GAS	U05	0	0	-	0	-	7	3.47	100.0%

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<b>Energy Options</b>								
SHORT TERM NATURAL GAS U06	0	0	-	0	-	1	3.82	-72.7%
SHORT TERM NATURAL GAS U07	0	10	-100.0%	0	-	0	6.42	-100.0%
SHORT TERM NATURAL GAS U08	0	0	-	0	-	0	1.39	-100.0%
SHORT TERM NATURAL GAS U09	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS U10	0	0	-	0	-	3	1.39	100.0%
SHORT TERM NATURAL GAS U16	0	0	-	0	-	1	0	-
SHORT TERM NATURAL GAS U17	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS U18	0	0	-	0	-	0	2.08	-100.0%
SHORT TERM NATURAL GAS U19	0	0	-	0	-	2	3.82	-45.5%
SHORT TERM NATURAL GAS U20	5	0	-	0	-	2	1.74	40.0%
SHORT TERM NATURAL GAS U21	0	22.5	-100.0%	0	-	0	6.6	-100.0%
SHORT TERM NATURAL GAS U28	0	5	-100.0%	0	-	0	0.69	-100.0%
SHORT TERM NATURAL GAS U29	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS U30	0	0	-	0	-	1	0.69	50.0%
SHORT TERM NATURAL GAS U31	0	0	-	0	-	12	1.39	750.0%
WTI-BRENT BULLET SWAP BV	428	3,334.5	-87.2%	413.1	3.5%	709	1,935.56	-63.4%
WTI CRUDE OIL 1 M CSO FI 7A	1,424	1,215	17.2%	2,248.81	-36.7%	3,201	2,902.08	10.3%

### TOTAL FUTURES GROUP

Energy Futures	1,715,533	1,689,732.2	1.5%	1,912,588.67	-10.3%	1,802,474	1,920,549.15	-6.1%
Metals Futures	511,586	491,276.6	4.1%	508,198.19	0.7%	543,707	476,551.92	14.1%
<b>TOTAL FUTURES</b>	<b>2,227,118</b>	<b>2,181,008.8</b>	<b>2.1%</b>	<b>2,420,786.86</b>	<b>-8.0%</b>	<b>2,346,180.92</b>	<b>2,397,101.07</b>	<b>-2.1%</b>

### TOTAL OPTIONS GROUP

Energy Options	250,162	231,623.7	8.0%	288,374.52	-13.3%	271,462	260,423.29	4.2%
Metals Options	64,284	61,545.3	4.4%	62,589.62	2.7%	79,874	63,881.44	25.0%
<b>TOTAL OPTIONS</b>	<b>314,446</b>	<b>293,169</b>	<b>7.3%</b>	<b>350,964.14</b>	<b>-10.4%</b>	<b>351,336.09</b>	<b>324,304.73</b>	<b>8.3%</b>

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<b>TOTAL COMBINED</b>								
Metals	575,870	552,821.9	4.2%	570,787.81	0.9%	623,581	540,433.36	15.4%
Energy	1,965,695	1,921,355.9	2.3%	2,200,963.19	-10.7%	2,073,936	2,180,972.44	-4.9%
<b>GRAND TOTAL</b>	<b>2,541,565</b>	<b>2,474,177.8</b>	<b>2.7%</b>	<b>2,771,751</b>	<b>-8.3%</b>	<b>2,697,517.01</b>	<b>2,721,405.8</b>	<b>-0.9%</b>