

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
Metals Futures									
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

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		JUL 2023	JUL 2022		JUN 2023		Y.T.D 2023	Y.T.D 2022	
Metals Options									
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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Metals Options									
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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Energy Futures									
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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Energy Futures										
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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Energy Futures										
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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Commodity		ADV JUL 2023	ADV JUL 2022	% CHG	ADV JUN 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Energy Futures									
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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Commodity		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	
		JUL 2023	JUL 2022		JUN 2023		Y.T.D 2023	Y.T.D 2022		
Energy Futures										
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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Commodity	July 2023			July 2022			Y.T.D 2023			Y.T.D 2022		
	ADV	ADV	% CHG	ADV	% CHG	ADV	% CHG	ADV	% CHG	ADV	% CHG	
Energy Futures												
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 OUTFRIGHT EURO	0B	0	0	-	0	-	0	0	-			
PETRO OUTFRIGHT EURO	0D	0	1.4	-75.0%	0	-	1	1.2	-2.9%			
PETRO OUTFRIGHT EURO	0F	0	0	-	0	-	0	0.06	-100.0%			
PETRO OUTFRIGHT EURO	5L	0	0	-	0.95	-100.0%	1	0	-			
PETRO OUTFRIGHT EURO	7I	0	0	-	0	-	1	1.98	-73.7%			
PETRO OUTFRIGHT EURO	7R	0	0.3	16.7%	1.43	-75.5%	0	0.26	76.3%			
PETRO OUTFRIGHT EURO	CBB	3	0	-	0	-	0	0	-			
PETRO OUTFRIGHT EURO	CGB	1	0	-	0	-	0	0.21	-50.0%			
PETRO OUTFRIGHT EURO	CPB	16	5.75	184.3%	1.9	758.4%	12	10.06	24.0%			
PETRO OUTFRIGHT EURO	EWN	3	3.45	-5.8%	13.38	-75.7%	15	5.13	188.6%			
PETRO OUTFRIGHT EURO	M1B	27	47.6	-43.7%	38.14	-29.7%	43	55.24	-21.3%			
PETRO OUTFRIGHT EURO	MBN	46	8.8	422.7%	39.33	16.9%	31	31.92	-3.3%			
PETRO OUTFRIGHT EURO	MEF	0	0.5	-100.0%	0	-	0	0.55	-97.5%			
PETRO OUTFRIGHT EURO	MQA	13	0	-	12.38	3.8%	9	0.96	872.5%			
PETRO OUTFRIGHT EURO	R53	0	0	-	0	-	0	0	-			
PETRO OUTFRIGHT EURO	R5M	33	62.1	-47.3%	46.57	-29.8%	56	87.63	-36.4%			
PETRO OUTFRIGHT EURO	R5O	28	25.35	10.3%	33.1	-15.5%	29	52.64	-45.8%			
PETRO OUTFRIGHT EURO	RBM	0	0	-	0	-	1	0.66	7.4%			
PETRO OUTFRIGHT EURO	S5B	0	0	-	0.05	-100.0%	0	0.03	-80.1%			
PETRO OUTFRIGHT EURO	S5F	16	5.95	160.5%	18.14	-14.6%	18	6.19	183.9%			
PETRO OUTFRIGHT EURO	S5M	70	91.7	-23.4%	80.57	-12.9%	83	108.62	-23.3%			

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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	
Energy Futures									
PETRO OUTFRIGHT EURO	S5O	30	128	-76.5%	30.76	-2.2%	35	155.97	-77.4%
PETRO OUTFRIGHT EURO	SMU	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	SR5	0	0.75	-100.0%	0	-	2	0.1	1499.5%
PETRO OUTFRIGHT EURO	ULB	0	0	-	0	-	1	0	-
PETRO OUTFRIGHT EURO	V0	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT NA	A8B	14	28	-50.9%	17.38	-20.9%	8	12.36	-36.5%
PETRO OUTFRIGHT NA	AB6	18	37	-50.7%	29.76	-38.7%	18	19.41	-5.5%
PETRO OUTFRIGHT NA	BCR	93	63	47.6%	74.29	25.2%	56	127.74	-56.5%
PETRO OUTFRIGHT NA	JE	0	0	-	0	-	0	0.42	-100.0%
PETRO OUTFRIGHT NA	JET	34	16.25	107.7%	165.95	-79.7%	77	22.99	234.1%
PETRO OUTFRIGHT NA	JTB	8	22.5	-66.7%	42.86	-82.5%	11	14.31	-22.4%
PETRO OUTFRIGHT NA	MBL	0	0	-	2.86	-100.0%	2	4.83	-68.8%
PETRO OUTFRIGHT NA	MEN	0	2.1	-85.7%	0.48	-37.0%	2	3.74	-40.9%
PETRO OUTFRIGHT NA	MEO	2	12.75	-86.3%	7.62	-77.0%	6	11.8	-45.1%
PETRO OUTFRIGHT 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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Commodity		ADV JUL 2023	ADV JUL 2022	% CHG	ADV JUN 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Energy Futures									
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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Commodity	July 2023			July 2022		June 2023		Y.T.D 2023			Y.T.D 2022		
	ADV	ADV	% CHG	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	ADV	ADV	% CHG
Energy Options													
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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Commodity		ADV	ADV	% CHG	ADV	% CHG	ADV	ADV	% CHG	
		JUL 2023	JUL 2022		JUN 2023		Y.T.D 2023	Y.T.D 2022		
Energy Options										
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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Commodity	July 2023			July 2022			Y.T.D 2023			Y.T.D 2022		
	ADV	ADV	% CHG	ADV	ADV	% CHG	ADV	ADV	% CHG	ADV	ADV	% CHG
Energy Options												
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%			
TOTAL FUTURES		2,227,118	2,181,008.8	2.1%	2,420,786.86	-8.0%	2,346,180.92	2,397,101.07	-2.1%			
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%			
TOTAL OPTIONS		314,446	293,169	7.3%	350,964.14	-10.4%	351,336.09	324,304.73	8.3%			

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Commodity	July 2023			July 2022			Y.T.D 2023			Y.T.D 2022		
	ADV	ADV	% CHG	ADV	ADV	% CHG	ADV	ADV	% CHG	ADV	ADV	% CHG
TOTAL COMBINED												
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%				
GRAND TOTAL	2,541,565	2,474,177.8	2.7%	2,771,751	-8.3%	2,697,517.01	2,721,405.8	-0.9%				