

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUN 2023	VOLUME JUN 2022	% CHG	VOLUME MAY 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Futures									
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
Energy Futures									
CRUDE OIL PHY	CL	18,002,630	16,163,817	11.4%	17,124,125	5.1%	100,783,884	111,452,676	-9.6%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	0	0.0%
MINY WTI CRUDE OIL	QM	343,919	512,768	-32.9%	366,925	-6.3%	2,013,191	3,747,885	-46.3%
BRENT OIL LAST DAY	BZ	1,236,060	1,206,632	2.4%	1,195,906	3.4%	7,022,265	9,354,655	-24.9%
HEATING OIL PHY	HO	3,258,165	3,137,950	3.8%	2,770,124	17.6%	18,670,811	20,806,178	-10.3%
HTG OIL	BH	0	0	0.0%	0	0.0%	48	36	33.3%
MINY HTG OIL	QH	13	8	62.5%	10	30.0%	67	46	45.7%
RBOB PHY	RB	4,390,089	3,722,599	17.9%	4,017,556	9.3%	21,761,550	23,272,875	-6.5%
MINY RBOB GAS	QU	7	7	0.0%	7	0.0%	62	53	17.0%
NATURAL GAS	HP	165,759	211,193	-21.5%	187,015	-11.4%	1,195,134	1,159,769	3.0%
LTD NAT GAS	HH	324,143	410,790	-21.1%	346,662	-6.5%	2,154,882	2,228,374	-3.3%
MINY NATURAL GAS	QG	183,865	391,617	-53.0%	169,967	8.2%	1,549,838	1,928,719	-19.6%
NATURAL GAS PHY	NG	9,070,441	8,047,189	12.7%	8,564,307	5.9%	51,815,341	47,394,377	9.3%
RBOB GAS	RT	0	0	0.0%	0	0.0%	36	24	50.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	2,375	8,740	-72.8%	3,030	-21.6%	24,080	30,905	-22.1%
ARGUS PROPAN FAR EST INDE	7E	9,023	6,731	34.1%	8,858	1.9%	50,778	34,666	46.5%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,356	1,588	48.4%	1,993	18.2%	17,387	12,796	35.9%
BRENT BALMO SWAP	J9	20	100	-80.0%	0	0.0%	20	1,587	-98.7%
BRENT CALENDAR SWAP	CY	5,073	14,953	-66.1%	11,508	-55.9%	55,164	92,346	-40.3%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	120	-100.0%	330	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	-	0	0	0.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAR VINTAGE	GEO	5,981	1,481	303.8%	17,370	-65.6%	69,060	12,869	436.6%
CAR VINTAGE	NGO	3,740	20,500	-81.8%	5,257	-28.9%	38,471	71,686	-46.3%
CHICAGO ETHANOL SWAP	CU	90,038	61,122	47.3%	76,777	17.3%	441,455	351,031	25.8%
CHICAGO ULSD PL VS HO SPR	5C	1,305	0	0.0%	975	33.8%	5,865	3,688	59.0%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	0	0.0%



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Energy Futures									
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	72	130	-44.6%	18	300.0%	450	1,721	-73.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	510	565	-9.7%	441	15.6%	1,700	1,992	-14.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	21,781	18,489	17.8%	24,936	-12.7%	116,618	94,495	23.4%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	139	520	-73.3%	769	-81.9%	2,571	2,374	8.3%
CRUDE OIL OUTRIGHTS	42	236	78	202.6%	266	-11.3%	1,814	6,138	-70.4%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0.0%	0	1,566	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	180	-100.0%	0	0.0%	0	1,260	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	HTT	106,080	85,913	23.5%	106,243	-0.2%	858,560	434,232	97.7%
CRUDE OIL OUTRIGHTS	LSW	0	180	-100.0%	0	0.0%	100	3,830	-97.4%
CRUDE OIL OUTRIGHTS	WCW	0	555	-100.0%	0	0.0%	0	16,530	-100.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	MCL	2,108,466	2,409,153	-12.5%	2,301,964	-8.4%	11,789,075	15,647,595	-24.7%
CRUDE OIL SPRDS	ANT	0	3,236	-100.0%	390	-100.0%	2,830	5,121	-44.7%
CRUDE OIL SPRDS	BKT	750	0	-	0	-	750	0	-
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0.0%	0	3,255	-100.0%
CRUDE OIL SPRDS	WTT	49,488	61,250	-19.2%	49,260	0.5%	407,524	313,689	29.9%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	-	0	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0.0%	0	2,220	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	5	-100.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0.0%	0	2,000	-100.0%



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Energy Futures									
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	26,713	182	14,577.5%	7,704	246.7%	39,670	14,373	176.0%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	60	360	-83.3%	10	500.0%	781	816	-4.3%
ELEC FINSETTLED	47	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	CGO	1,595	3,779	-57.8%	3,532	-54.8%	12,793	5,832	119.4%
ETHANOL	MTH	0	0	0.0%	0	0.0%	0	10	-100.0%
ETHANOL	Z1B	0	0	-	0	0.0%	26	0	-
ETHANOL SWAP	MT2	525	130	303.8%	245	114.3%	2,200	1,300	69.2%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,324	1,599	233.0%	4,737	12.4%	25,804	17,875	44.4%
EURO 3.5% FUEL OIL RDAM B	KR	87	0	0.0%	39	123.1%	126	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	0.0%	0	0	-
EURO GASOIL 10PPM VS ICE	ET	0	24	-100.0%	0	0.0%	0	1,169	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	-	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	UV	3	0	0.0%	1	200.0%	223	546	-59.2%
EUROPEAN GASOIL (ICE)	7F	24	1,398	-98.3%	14	71.4%	261	10,861	-97.6%
EUROPEAN NAPHTHA BALMO	KZ	0	5	-100.0%	23	-100.0%	64	145	-55.9%
EUROPEAN NAPHTHA CRACK SPR	EN	2,697	2,045	31.9%	2,670	1.0%	19,158	16,705	14.7%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	-	0	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	840	432	94.4%	771	8.9%	6,053	4,424	36.8%
EURO PROPANE CIF ARA SWA	PS	1,881	1,357	38.6%	1,735	8.4%	11,515	10,425	10.5%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	90	300	-70.0%	105	-14.3%	1,185	300	295.0%
FREIGHT MARKETS	CS3	0	10	-100.0%	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	CS4	40	0	0.0%	30	33.3%	70	360	-80.6%
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0.0%	10	0	0.0%
FREIGHT MARKETS	FLP	24	14	71.4%	0	0.0%	29	192	-84.9%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0.0%	0	708	-100.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TC6	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	TD3	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0.0%	0	1,156	-100.0%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	30	66	-54.5%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARGES	7H	355	169	110.1%	44	706.8%	1,324	1,410	-6.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,988	1,770	12.3%	981	102.7%	10,031	19,592	-48.8%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	0	45	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	10	-100.0%	0	0.0%	0	60	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	0.0%	0	0	-
GASOIL CALENDAR SWAP	GX	9	9	0.0%	9	0.0%	45	935	-95.2%
GASOIL CRACK SPREAD CALEN	GZ	0	243	-100.0%	12	-100.0%	525	10,755	-95.1%
GASOIL MINI CALENDAR SWAP	QA	176	340	-48.2%	125	40.8%	1,235	2,353	-47.5%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	5,520	1,825	202.5%	4,560	21.1%	23,521	32,430	-27.5%
GRP THREE UNL GS (PLT) VS	A8	1,507	2,485	-39.4%	1,790	-15.8%	14,987	23,915	-37.3%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0.0%	0	740	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	-	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	11,298	6,801	66.1%	13,796	-18.1%	58,342	73,424	-20.5%
GULF COAST NO.6 FUEL OIL	MF	6,329	3,500	80.8%	4,426	43.0%	30,385	20,985	44.8%
GULF COAST NO.6 FUEL OIL	MG	11,375	5,580	103.9%	15,610	-27.1%	84,829	39,540	114.5%
GULF COAST ULSD CALENDAR	LY	60	360	-83.3%	0	0.0%	862	728	18.4%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	295	100	195.0%	40	637.5%	1,163	2,905	-60.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	0	3	-100.0%	0	0.0%	10	3	233.3%
HENRY HUB SWAP	NN	17,171	31,837	-46.1%	36,359	-52.8%	214,251	173,692	23.4%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	60	-100.0%	70	-100.0%	190	2,193	-91.3%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	5	18	-72.2%	0	0.0%	5	98	-94.9%
JAPAN C&F NAPHTHA SWAP	JA	381	135	182.2%	203	87.7%	1,062	814	30.5%



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Energy Futures									
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	12	6	100.0%
JET CIF NWE VS ICE	JC	0	111	-100.0%	0	0.0%	186	1,327	-86.0%
JET FUEL UP-DOWN BALMO CL	1M	1,375	663	107.4%	202	580.7%	5,471	13,961	-60.8%
JKM LNG Futures	JKM	0	0	0.0%	0	0.0%	0	2,107	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	0	28	-100.0%	270	-100.0%	2,268	2,191	3.5%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	910	75	1,113.3%	520	75.0%	3,705	3,150	17.6%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0.0%	590	93	534.4%
MARS (ARGUS) VS WTI SWAP	YX	0	75	-100.0%	0	0.0%	0	1,535	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	15,820	19,068	-17.0%	7,355	115.1%	111,970	96,273	16.3%
MCCLOSKEY ARA ARGS COAL	MTF	1,224	7,061	-82.7%	787	55.5%	6,345	43,013	-85.2%
MCCLOSKEY RCH BAY COAL	MFF	0	574	-100.0%	0	0.0%	12	2,824	-99.6%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	15	-100.0%	0	0.0%	20	223	-91.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	50	-100.0%	0	0.0%	210	50	320.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	43	216	-80.1%	215	-80.0%	929	2,386	-61.1%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	0	0.0%
MNC FUT	MNC	652	1,845	-64.7%	635	2.7%	6,858	10,338	-33.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	25,613	46,532	-45.0%	30,866	-17.0%	189,115	215,540	-12.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	415	1,100	-62.3%	70	492.9%	4,445	5,778	-23.1%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	246,355	163,084	51.1%	265,963	-7.4%	1,395,913	1,046,917	33.3%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,832	1,430	28.1%	1,751	4.6%	14,367	19,608	-26.7%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	36,809	25,236	45.9%	22,500	63.6%	157,309	138,048	14.0%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	2,045	1,529	33.7%	1,958	4.4%	10,268	7,566	35.7%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	76,049	58,622	29.7%	89,209	-14.8%	389,492	315,824	23.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	879	1,570	-44.0%	2,121	-58.6%	7,361	9,980	-26.2%
NATURAL GAS	NWM	0	0	-	150	-100.0%	150	0	-
NATURAL GAS PEN SWP	NP	25,491	69,327	-63.2%	22,963	11.0%	140,045	318,646	-56.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	0	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	1,185	970	22.2%	605	95.9%	3,827	5,287	-27.6%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	2,527	1,471	71.8%	3,756	-32.7%	15,563	6,721	131.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	70	75	-6.7%	105	-33.3%	750	1,050	-28.6%
NYH NO 2 CRACK SPREAD CAL	HK	4,066	1,566	159.6%	2,020	101.3%	23,191	13,970	66.0%
NYISO CAPACITY	LHV	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	4,892	125	3,813.6%	2,054	138.2%	8,604	2,081	313.5%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	81	155	-47.7%	159	-49.1%	1,072	875	22.5%
PETROCHEMICALS	32	15	35	-57.1%	85	-82.4%	496	249	99.2%
PETROCHEMICALS	3NA	85	81	4.9%	227	-62.6%	361	178	102.8%
PETROCHEMICALS	51	0	13	-100.0%	0	0.0%	0	13	-100.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	60	364	-83.5%
PETROCHEMICALS	8I	518	695	-25.5%	1,058	-51.0%	4,327	5,994	-27.8%
PETROCHEMICALS	91	289	193	49.7%	455	-36.5%	2,493	2,099	18.8%
PETROCHEMICALS	MAA	170	5	3,300.0%	190	-10.5%	910	420	116.7%
PETROCHEMICALS	MAE	1,682	1,020	64.9%	1,863	-9.7%	8,875	6,840	29.8%
PETROCHEMICALS	MAS	300	415	-27.7%	197	52.3%	2,825	2,415	17.0%
PETROCHEMICALS	MBE	280	300	-6.7%	0	0.0%	610	610	0.0%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	448	249	79.9%	332	34.9%	2,906	1,264	129.9%
PETROCHEMICALS	PMF	6	0	0.0%	0	0.0%	26	12	116.7%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	10,190	15,703	-35.1%	11,925	-14.5%	65,996	102,911	-35.9%
PETRO CRCKS & SPRDS NA	EXR	260	228	14.0%	389	-33.2%	1,492	2,240	-33.4%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	450	325	38.5%	0	0.0%	935	525	78.1%
PETRO CRCKS & SPRDS NA	GCI	375	0	0.0%	0	0.0%	375	150	150.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	96	-100.0%	96	275	-65.1%
PETRO CRCKS & SPRDS NA	GFC	20	0	0.0%	225	-91.1%	795	1,350	-41.1%

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Energy Futures									
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0.0%	1,300	577	125.3%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	595	67	788.1%	1,275	-53.3%	4,469	5,553	-19.5%
PETRO CRCKS & SPRDS NA	RVG	35	1,729	-98.0%	2,235	-98.4%	8,669	15,827	-45.2%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	12	-100.0%	12	0	-
PETRO CRK&SPRD EURO	1NB	0	150	-100.0%	0	0.0%	265	1,785	-85.2%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0.0%	95	121	-21.5%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0.0%	120	575	-79.1%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	EPN	678	395	71.6%	538	26.0%	2,456	2,185	12.4%
PETRO CRK&SPRD EURO	EVC	30	0	0.0%	0	0.0%	375	787	-52.4%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	9	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	0	0.0%	30	0	-
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	194	18	977.8%	243	-20.2%	665	712	-6.6%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0.0%	0	50	-100.0%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0.0%	0	2	-100.0%
PETROLEUM PRODUCTS	CMS	0	50	-100.0%	50	-100.0%	1,020	720	41.7%
PETROLEUM PRODUCTS	EWG	0	249	-100.0%	210	-100.0%	1,406	2,829	-50.3%
PETROLEUM PRODUCTS	H5F	75	60	25.0%	25	200.0%	400	185	116.2%
PETROLEUM PRODUCTS	JCC	0	1,524	-100.0%	600	-100.0%	7,870	7,856	0.2%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5F	10	55	-81.8%	17	-41.2%	99	261	-62.1%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0.0%	0	1,148	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0.0%	15	20	-25.0%
PETROLEUM PRODUCTS ASIA	MJN	330	380	-13.2%	130	153.8%	2,654	6,141	-56.8%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0D	0	11	-100.0%	24	-100.0%	161	145	11.0%

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Energy Futures								
PETRO OUTFRIGHT EURO	0E	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	0F	0	0.0%	0	0.0%	0	9	-100.0%
PETRO OUTFRIGHT EURO	1T	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	5L	20	0	-	10	100.0%	90	0
PETRO OUTFRIGHT EURO	7I	0	0	0.0%	0	0.0%	75	285
PETRO OUTFRIGHT EURO	7R	30	6	400.0%	0	0.0%	60	32
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	0	0.0%	5	0
PETRO OUTFRIGHT EURO	CGB	0	30	-100.0%	0	0.0%	0	30
PETRO OUTFRIGHT EURO	CPB	40	264	-84.8%	76	-47.4%	1,469	1,333
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	-	0	0
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	-	0	0
PETRO OUTFRIGHT EURO	EWN	281	12	2,241.7%	331	-15.1%	2,068	670
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	-	0	0
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	-	0	0
PETRO OUTFRIGHT EURO	JFB	0	0	0.0%	0	-	0	0
PETRO OUTFRIGHT EURO	M1B	801	1,258	-36.3%	1,089	-26.4%	5,720	7,002
PETRO OUTFRIGHT EURO	MBB	0	0	0.0%	0	-	0	0
PETRO OUTFRIGHT EURO	MBN	826	946	-12.7%	948	-12.9%	3,524	4,421
PETRO OUTFRIGHT EURO	MEF	0	20	-100.0%	0	0.0%	2	69
PETRO OUTFRIGHT EURO	MQA	260	0	0.0%	198	31.3%	1,085	138
PETRO OUTFRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	0
PETRO OUTFRIGHT EURO	R5B	0	0	0.0%	0	-	0	0
PETRO OUTFRIGHT EURO	R5M	978	1,547	-36.8%	878	11.4%	7,375	11,376
PETRO OUTFRIGHT EURO	R5O	695	674	3.1%	453	53.4%	3,548	7,073
PETRO OUTFRIGHT EURO	RBM	0	38	-100.0%	19	-100.0%	102	95
PETRO OUTFRIGHT EURO	S5B	1	0	0.0%	0	0.0%	1	5
PETRO OUTFRIGHT EURO	S5F	381	115	231.3%	285	33.7%	2,220	772
PETRO OUTFRIGHT EURO	S5M	1,692	1,616	4.7%	1,702	-0.6%	10,594	13,807
PETRO OUTFRIGHT EURO	S5O	646	2,562	-74.8%	421	53.4%	4,473	19,900
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0
PETRO OUTFRIGHT EURO	SR5	0	0	-	0	0.0%	240	0
PETRO OUTFRIGHT EURO	TLB	0	0	0.0%	0	-	0	0
PETRO OUTFRIGHT EURO	ULB	0	0	-	0	0.0%	150	0
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0
PETRO OUTFRIGHT NA	A8B	365	135	170.4%	130	180.8%	855	1,220



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Energy Futures									
PETRO OUTHRIGHT NA	AB6	625	290	115.5%	825	-24.2%	2,275	2,055	10.7%
PETRO OUTHRIGHT NA	BCR	1,560	2,215	-29.6%	760	105.3%	6,145	17,135	-64.1%
PETRO OUTHRIGHT NA	FCB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTHRIGHT NA	JE	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTHRIGHT NA	JET	3,485	50	6,870.0%	3,175	9.8%	10,385	2,985	247.9%
PETRO OUTHRIGHT NA	JTB	900	0	0.0%	325	176.9%	1,450	1,611	-10.0%
PETRO OUTHRIGHT NA	MBL	60	90	-33.3%	27	122.2%	217	695	-68.8%
PETRO OUTHRIGHT NA	MEN	10	90	-88.9%	148	-93.2%	312	496	-37.1%
PETRO OUTHRIGHT NA	MEO	160	196	-18.4%	80	100.0%	897	1,444	-37.9%
PETRO OUTHRIGHT NA	MFD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTHRIGHT NA	MMF	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0.0%	0	0	0.0%
PLASTICS	PGP	1,094	1,582	-30.8%	1,507	-27.4%	5,090	6,601	-22.9%
PREMIUM UNLD 10P FOB MED	3G	0	45	-100.0%	0	0.0%	15	60	-75.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,120	2,222	-49.6%	650	72.3%	7,035	10,635	-33.9%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	37,625	15,034	150.3%	31,228	20.5%	144,432	81,313	77.6%
RBOB CALENDAR SWAP	RL	5,263	2,817	86.8%	8,413	-37.4%	43,859	35,873	22.3%
RBOB CRACK SPREAD	RM	1,765	775	127.7%	7,230	-75.6%	14,956	12,832	16.6%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	0.0%	100	0	-
RBOB GASOLINE BALMO CLNDR	1D	1,359	792	71.6%	2,058	-34.0%	7,048	10,386	-32.1%
RBOB PHY	MRB	1	11	-90.9%	4	-75.0%	19	11	72.7%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0.0%	30	375	-92.0%
SINGAPORE 180CST BALMO	BS	3	0	-	6	-50.0%	16	0	-
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	163	36	352.8%	289	-43.6%	943	1,268	-25.6%
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	0.0%	0	0	-
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREAD	SD	0	30	-100.0%	0	0.0%	24	30	-20.0%

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Energy Futures									
SINGAPORE GASOIL	MAF	6	564	-98.9%	5	20.0%	231	3,253	-92.9%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0.0%	0	186	-100.0%
SINGAPORE GASOIL	MTS	227	215	5.6%	187	21.4%	2,538	1,983	28.0%
SINGAPORE GASOIL	SBM	10	0	0.0%	0	0.0%	10	332	-97.0%
SINGAPORE GASOIL CALENDAR	MSG	54	20	170.0%	82	-34.1%	276	1,128	-75.5%
SINGAPORE GASOIL SWAP	SG	1,068	13	8,115.4%	811	31.7%	5,269	2,890	82.3%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0.0%	21	3,936	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0.0%	0	3,653	-100.0%
SINGAPORE JET KEROSENE SW	KS	0	0	0.0%	0	0.0%	0	405	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	600	-100.0%	0	0.0%	100	810	-87.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	1,235	123	904.1%	750	64.7%	3,110	600	418.3%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	172	264	-34.8%
TC5 RAS TANURA TO YOKOHAM	TH	0	120	-100.0%	0	0.0%	0	195	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0.0%	0	6,185	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	6,265	3,520	78.0%	8,450	-25.9%	42,340	44,255	-4.3%
UP DOWN GC ULSD VS NMX HO	LT	31,230	14,416	116.6%	33,050	-5.5%	177,460	190,668	-6.9%
WTI-BRENT CALENDAR SWAP	BK	53,237	56,397	-5.6%	31,968	66.5%	296,717	357,208	-16.9%
WTI CALENDAR	CS	57,407	60,196	-4.6%	65,392	-12.2%	368,029	416,003	-11.5%
WTI MIDLAND CRUDE OIL	WTL	1,000	0	0.0%	0	0.0%	1,900	0	0.0%
WTS (ARGUS) VS WTI SWAP	FF	6,150	2,142	187.1%	1,007	510.7%	16,900	18,547	-8.9%
WTS (ARGUS) VS WTI TRD MT	FH	0	600	-100.0%	300	-100.0%	1,249	5,885	-78.8%
Energy Options									
BRENT CALENDAR SWAP	BA	90	0	0.0%	550	-83.6%	1,068	3,086	-65.4%
BRENT CRUDE OIL 1 M CSO	9C	600	0	0.0%	0	0.0%	600	89,250	-99.3%
BRENT OIL LAST DAY	BE	500	35,608	-98.6%	2,002	-75.0%	28,196	90,162	-68.7%
BRENT OIL LAST DAY	BZO	8,354	17,155	-51.3%	12,060	-30.7%	66,905	128,997	-48.1%
COAL API2 INDEX	F2C	100	0	0.0%	15	566.7%	280	390	-28.2%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0.0%	0	100	-100.0%
CRUDE OIL	6Y	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL 1MO	WA	44,975	34,480	30.4%	28,025	60.5%	262,100	459,996	-43.0%
CRUDE OIL APO	AO	27,127	19,004	42.7%	25,750	5.3%	163,326	130,245	25.4%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%



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Energy Options									
CRUDE OIL OUTRIGHTS	ECCL	2,636	0	-	3,548	-25.7%	40,036	0	-
CRUDE OIL PHY	LC	15,322	20,950	-26.9%	11,412	34.3%	180,238	255,358	-29.4%
CRUDE OIL PHY	LO	2,487,614	2,347,982	5.9%	2,764,559	-10.0%	14,199,597	15,553,715	-8.7%
CRUDE OIL PHY	LO1	34,133	33,284	2.6%	71,717	-52.4%	271,514	197,129	37.7%
CRUDE OIL PHY	LO2	49,697	22,546	120.4%	57,889	-14.2%	272,488	130,038	109.5%
CRUDE OIL PHY	LO3	37,445	17,948	108.6%	25,388	47.5%	191,909	114,910	67.0%
CRUDE OIL PHY	LO4	43,273	23,589	83.4%	37,040	16.8%	261,108	186,870	39.7%
CRUDE OIL PHY	LO5	65,030	13	500,130.8%	0	0.0%	125,905	17,890	603.8%
CRUDE OIL PHY	MCO	15,008	2,266	562.3%	15,052	-0.3%	98,166	2,266	4,232.1%
CRUDE OIL PHY	MW1	1,131	206	449.0%	2,570	-56.0%	9,016	206	4,276.7%
CRUDE OIL PHY	MW2	1,593	193	725.4%	2,143	-25.7%	9,872	193	5,015.0%
CRUDE OIL PHY	MW3	1,420	158	798.7%	1,088	30.5%	9,018	158	5,607.6%
CRUDE OIL PHY	MW4	1,881	364	416.8%	1,647	14.2%	15,045	364	4,033.2%
CRUDE OIL PHY	MW5	2,862	0	-	0	0.0%	4,649	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	2,828	4,297	-34.2%	3,580	-21.0%	14,477	21,913	-33.9%
ETHANOL SWAP	GVR	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	FLO	0	0	0.0%	0	0.0%	0	30	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	0.0%	0	750	-100.0%
HEATING OIL PHY	FZ	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	0	0	0.0%	54	-100.0%	106	382	-72.3%
HEATING OIL PHY	OH	4,661	7,180	-35.1%	5,621	-17.1%	67,760	71,772	-5.6%
HENRY HUB FINANCIAL LAST	E7	24,856	4,434	460.6%	9,507	161.4%	81,423	33,461	143.3%
HENRY HUB FINANCIAL LAST	ECNG	832	0	-	475	75.2%	16,135	0	-
HO 1 MONTH CLNDR OPTIONS	FA	100	0	0.0%	1,050	-90.5%	12,050	3,325	262.4%
LLS CRUDE OIL	HTO	0	0	0.0%	0	0.0%	0	1,200	-100.0%
LLS CRUDE OIL	WTO	0	0	0.0%	0	0.0%	3,000	900	233.3%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	6	0	0.0%	112	-94.6%	118	350	-66.3%
NATURAL GAS	LN2	2	85	-97.6%	0	0.0%	102	689	-85.2%
NATURAL GAS	LN3	516	25	1,964.0%	1	51,500.0%	517	1,057	-51.1%
NATURAL GAS	LN4	2	0	0.0%	0	0.0%	2	1,516	-99.9%
NATURAL GAS	LN5	14	0	0.0%	0	0.0%	14	2	600.0%
NATURAL GAS 1 M CSO FIN	G4	110,753	29,000	281.9%	55,250	100.5%	476,957	592,742	-19.5%
NATURAL GAS 2 M CSO FIN	G2	0	1,200	-100.0%	250	-100.0%	250	13,750	-98.2%

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Commodity		VOLUME JUN 2023	VOLUME JUN 2022	% CHG	VOLUME MAY 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Options									
NATURAL GAS 3 M CSO FIN	G3	100,950	32,350	212.1%	122,240	-17.4%	518,240	216,000	139.9%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	8,650	46,250	-81.3%
NATURAL GAS 6 M CSO FIN	G6	0	3,000	-100.0%	0	0.0%	65,250	76,900	-15.1%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0.0%	0	300	-100.0%
NATURAL GAS OPT	JKO	0	0	0.0%	0	0.0%	0	5,250	-100.0%
NATURAL GAS OPT	TFO	0	0	0.0%	0	0.0%	0	700	-100.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	0	0.0%	0	0.0%	0	600	-100.0%
NATURAL GAS PHY	KD	100	2,375	-95.8%	700	-85.7%	2,100	6,800	-69.1%
NATURAL GAS PHY	LN	2,776,396	2,371,770	17.1%	2,712,558	2.4%	15,519,834	13,164,487	17.9%
NATURAL GAS PHY	ON	129,278	111,470	16.0%	88,287	46.4%	512,852	589,387	-13.0%
NATURAL GAS PHY	ON3	0	0	-	0	0.0%	1	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	5,553	2,401	131.3%	1,615	243.8%	20,899	12,866	62.4%
PETROCHEMICALS	4H	7	2,280	-99.7%	72	-90.3%	397	3,163	-87.4%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4K	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	DAP	0	0	0.0%	30	-100.0%	90	375	-76.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	-	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	1,550	-100.0%	0	0.0%	0	1,550	-100.0%
RBOB CALENDAR SWAP	RA	0	1,150	-100.0%	0	0.0%	0	2,952	-100.0%
RBOB PHY	OB	2,320	5,050	-54.1%	3,401	-31.8%	19,284	22,133	-12.9%
RBOB PHY	RF	0	130	-100.0%	24	-100.0%	45	1,200	-96.3%
SHORT TERM	U11	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM	U12	0	0	0.0%	0	0.0%	0	550	-100.0%
SHORT TERM	U13	0	0	0.0%	0	0.0%	700	100	600.0%
SHORT TERM	U14	0	50	-100.0%	0	0.0%	100	500	-80.0%
SHORT TERM	U15	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM	U23	0	0	-	0	0.0%	50	0	-
SHORT TERM	U24	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U25	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	200	-100.0%



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Energy Options									
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	150	250	-40.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	150	-100.0%	150	0	0.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	4,150	0	0.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	200	-100.0%	300	400	-25.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	400	-100.0%	1,000	500	100.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	150	550	-72.7%
SHORT TERM NATURAL GAS	U07	0	175	-100.0%	0	0.0%	0	725	-100.0%
SHORT TERM NATURAL GAS	U08	0	50	-100.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0.0%	400	200	100.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	100	0	0.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	50	0	0.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	300	550	-45.5%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	250	250	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	0	500	-100.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U30	0	100	-100.0%	0	0.0%	150	100	50.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	200	-100.0%	1,700	200	750.0%
WTI-BRENT BULLET SWAP	BV	8,675	83,854	-89.7%	20,550	-57.8%	93,550	212,030	-55.9%
WTI CRUDE OIL 1 M CSO FI	7A	47,225	68,100	-30.7%	101,300	-53.4%	432,485	393,600	9.9%
Metals Futures									
COMEX GOLD	GC	4,018,550	3,575,107	12.4%	6,109,790	-34.2%	29,979,021	28,219,908	6.2%
NYMEX HOT ROLLED STEEL	HR	32,789	20,709	58.3%	20,014	63.8%	175,581	143,166	22.6%
NYMEX PLATINUM	PL	621,654	527,839	17.8%	413,837	50.2%	2,859,334	2,542,928	12.4%
PALLADIUM	PA	47,515	29,047	63.6%	91,821	-48.3%	375,594	288,862	30.0%
URANIUM	UX	0	0	0.0%	0	0.0%	0	24	-100.0%
COMEX SILVER	SI	1,699,854	1,596,851	6.5%	1,438,802	18.1%	9,292,882	8,621,296	7.8%
COMEX E-Mini GOLD	QO	24,741	26,483	-6.6%	35,675	-30.6%	234,560	187,631	25.0%
COMEX E-Mini SILVER	QI	4,568	3,245	40.8%	6,172	-26.0%	38,427	24,097	59.5%

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Commodity		VOLUME JUN 2023	VOLUME JUN 2022	% CHG	VOLUME MAY 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Futures									
COMEX COPPER	HG	2,434,187	2,021,310	20.4%	1,928,499	26.2%	13,294,521	10,419,897	27.6%
COMEX MINY COPPER	QC	5,878	4,134	42.2%	6,294	-6.6%	36,868	22,287	65.4%
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	AEP	156	814	-80.8%	370	-57.8%	13,612	9,594	41.9%
ALUMINUM	ALA	0	15	-100.0%	60	-100.0%	240	1,655	-85.5%
ALUMINUM	ALI	81,404	31,786	156.1%	87,977	-7.5%	449,105	118,062	280.4%
ALUMINUM	AUP	5,033	10,152	-50.4%	6,901	-27.1%	38,973	36,035	8.2%
ALUMINUM	EDP	3,177	3,713	-14.4%	4,294	-26.0%	24,705	21,818	13.2%
ALUMINUM	MJP	0	0	0.0%	0	0.0%	760	2,290	-66.8%
COBALT METAL FUTURES	COB	1,676	2,721	-38.4%	1,825	-8.2%	17,168	5,299	224.0%
COBALT METAL FUTURES	MOX	270	0	-	167	61.7%	756	0	-
COPPER	HGS	1,310	1,759	-25.5%	12	10,816.7%	10,732	12,340	-13.0%
COPPER	MHG	108,934	87,414	24.6%	111,840	-2.6%	668,849	130,331	413.2%
FERROUS PRODUCTS	BUS	849	2,613	-67.5%	425	99.8%	6,359	15,907	-60.0%
FERROUS PRODUCTS	FSF	17	0	-	61	-72.1%	133	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	0	375	-100.0%	459	-100.0%	1,865	5,252	-64.5%
GOLD	SGU	15	1,070	-98.6%	526	-97.1%	1,975	46,697	-95.8%
HOT ROLLED COIL STEEL FUTURES	EHR	3,856	3,396	13.5%	2,964	30.1%	33,295	14,703	126.5%
IRON ORE CHINA	TIO	740	1,884	-60.7%	0	0.0%	1,575	8,012	-80.3%
METALS	HDG	36	0	0.0%	0	0.0%	1,431	351	307.7%
METALS	LTH	310	0	0.0%	176	76.1%	2,333	0	0.0%
METALS	PAC	0	200	-100.0%	0	0.0%	500	1,200	-58.3%
MICRO GOLD	MGC	1,389,027	922,500	50.6%	1,924,257	-27.8%	9,160,381	6,886,865	33.0%
SILVER	SIL	185,616	127,590	45.5%	245,426	-24.4%	1,340,517	1,011,438	32.5%
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	2,604	0	-	1,035	151.6%	6,604	0	-
COMEX COPPER	HX	101,331	98,837	2.5%	87,337	16.0%	811,495	461,456	75.9%
COMEX GOLD	ECGC	13,382	0	-	4,068	229.0%	41,133	0	-
COMEX GOLD	OG	780,530	705,068	10.7%	1,199,706	-34.9%	6,220,380	5,379,421	15.6%
COMEX SILVER	ECSI	786	0	-	1,210	-35.0%	27,905	0	-
COMEX SILVER	SO	126,772	89,115	42.3%	173,988	-27.1%	967,437	663,187	45.9%
COPPER	ECHG	1,160	0	-	553	109.8%	23,536	0	-

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Commodity		VOLUME JUN 2023	VOLUME JUN 2022	% CHG	VOLUME MAY 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Options									
COPPER	H1E	265	358	-26.0%	1,425	-81.4%	4,584	838	447.0%
COPPER	H1M	332	168	97.6%	209	58.9%	1,312	169	676.3%
COPPER	H1W	285	303	-5.9%	471	-39.5%	2,164	359	502.8%
COPPER	H2E	576	242	138.0%	645	-10.7%	5,105	1,146	345.5%
COPPER	H2M	670	188	256.4%	234	186.3%	2,366	222	965.8%
COPPER	H2W	440	43	923.3%	455	-3.3%	2,607	104	2,406.7%
COPPER	H3E	1,406	132	965.2%	757	85.7%	4,571	552	728.1%
COPPER	H3M	22	112	-80.4%	188	-88.3%	1,039	142	631.7%
COPPER	H3W	98	56	75.0%	338	-71.0%	1,833	80	2,191.2%
COPPER	H4E	100	136	-26.5%	500	-80.0%	2,414	448	438.8%
COPPER	H4M	55	36	52.8%	138	-60.1%	1,453	53	2,641.5%
COPPER	H4W	104	148	-29.7%	238	-56.3%	1,040	148	602.7%
COPPER	H5E	376	0	0.0%	0	0.0%	627	32	1,859.4%
COPPER	H5M	0	0	-	0	0.0%	191	0	-
COPPER	H5W	0	177	-100.0%	331	-100.0%	591	177	233.9%
GOLD	G1M	16,208	2,785	482.0%	11,860	36.7%	68,595	4,285	1,500.8%
GOLD	G1W	11,352	2,881	294.0%	9,954	14.0%	61,382	6,551	837.0%
GOLD	G2M	8,454	9,566	-11.6%	12,389	-31.8%	68,147	11,043	517.1%
GOLD	G2W	9,104	4,311	111.2%	10,962	-16.9%	63,315	6,175	925.3%
GOLD	G3M	1,886	1,055	78.8%	7,885	-76.1%	43,249	2,556	1,592.1%
GOLD	G3W	10,935	8,230	32.9%	8,820	24.0%	68,735	10,361	563.4%
GOLD	G4M	6,794	1,035	556.4%	11,898	-42.9%	46,853	2,739	1,610.6%
GOLD	G4W	9,532	4,565	108.8%	8,209	16.1%	51,758	4,808	976.5%
GOLD	G5M	0	0	-	0	0.0%	7,925	0	-
GOLD	G5W	0	7,941	-100.0%	12,889	-100.0%	18,252	7,941	129.8%
GOLD	OG1	22,617	50,087	-54.8%	78,734	-71.3%	288,438	315,534	-8.6%
GOLD	OG2	27,616	45,276	-39.0%	71,382	-61.3%	332,466	307,511	8.1%
GOLD	OG3	42,541	61,552	-30.9%	53,530	-20.5%	335,410	317,535	5.6%
GOLD	OG4	24,630	29,950	-17.8%	29,846	-17.5%	199,332	260,718	-23.5%
GOLD	OG5	31,522	0	0.0%	0	0.0%	74,484	39,085	90.6%
IRON ORE CHINA	ICT	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	HRO	2,200	2,104	4.6%	1,180	86.4%	13,995	9,990	40.1%
NYMEX PLATINUM	PO	19,056	6,067	214.1%	26,803	-28.9%	103,400	38,005	172.1%
PALLADIUM	PAO	532	7	7,500.0%	1,357	-60.8%	6,039	104	5,706.7%
SILVER	M1S	1,856	209	788.0%	2,270	-18.2%	8,790	267	3,192.1%

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Metals Options									
SILVER	M2S	1,681	563	198.6%	1,894	-11.2%	10,435	731	1,327.5%
SILVER	M3S	84	65	29.2%	1,141	-92.6%	3,983	359	1,009.5%
SILVER	M4S	704	207	240.1%	1,519	-53.7%	5,032	297	1,594.3%
SILVER	M5S	0	0	-	0	0.0%	607	0	-
SILVER	SO1	4,784	4,283	11.7%	7,979	-40.0%	45,484	29,512	54.1%
SILVER	SO2	6,925	4,991	38.7%	13,197	-47.5%	48,968	34,929	40.2%
SILVER	SO3	6,523	3,145	107.4%	5,013	30.1%	40,427	24,064	68.0%
SILVER	SO4	4,024	2,675	50.4%	3,377	19.2%	22,481	19,974	12.6%
SILVER	SO5	4,280	0	0.0%	0	0.0%	12,213	2,289	433.6%
SILVER	W1S	1,872	137	1,266.4%	2,066	-9.4%	10,119	532	1,802.1%
SILVER	W2S	2,002	192	942.7%	1,034	93.6%	8,982	382	2,251.3%
SILVER	W3S	2,241	429	422.4%	1,074	108.7%	9,222	598	1,442.1%
SILVER	W4S	1,133	195	481.0%	939	20.7%	5,277	290	1,719.7%
SILVER	W5S	0	322	-100.0%	1,670	-100.0%	1,964	322	509.9%
TOTAL FUTURES GROUP									
Ag Products Futures		0	0	0.0%	0	-	0	0	0.0%
Energy Futures		40,164,362	37,167,861	8.1%	38,136,322	5.3%	225,245,634	242,764,433	-7.2%
Metals Futures		10,672,162	9,002,727	18.5%	12,438,644	-14.2%	68,062,052	58,797,945	15.8%
TOTAL FUTURES		50,836,524	46,170,588	10.1%	50,574,966	0.5%	293,307,686	301,562,378	-2.7%
TOTAL OPTIONS GROUP									
Energy Options		6,055,865	5,307,822	14.1%	6,190,082	-2.2%	34,087,324	32,868,480	3.7%
Metals Options		1,314,382	1,149,944	14.3%	1,874,697	-29.9%	10,216,146	7,968,021	28.2%
TOTAL OPTIONS		7,370,247	6,457,766	14.1%	8,064,779	-8.6%	44,303,470	40,836,501	8.5%



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TOTAL COMBINED								
Ag Products	0	0	0.0%	0		0	0	-
Energy	46,220,227	42,475,683	8.8%	44,326,404	4.3%	259,332,958	275,632,913	-5.9%
Metals	11,986,544	10,152,671	18.1%	14,313,341	-16.3%	78,278,198	66,765,966	17.2%
GRAND TOTAL	58,206,771	52,628,354	10.6%	58,639,745	-0.7%	337,611,156	342,398,879	-1.4%