



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME OCT 2023	VOLUME OCT 2022	% CHG	VOIUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Ag Products Futures</b>									
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	18,880,510	14,339,648	31.7%	19,537,946	-3.4%	174,426,317	174,777,637	-0.2%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	1,000	-100.0%
MINY WTI CRUDE OIL	QM	333,368	463,840	-28.1%	261,441	27.5%	3,132,760	6,121,343	-48.8%
BRENT OIL LAST DAY	BZ	1,667,375	1,450,089	15.0%	1,539,022	8.3%	12,578,742	14,750,592	-14.7%
HEATING OIL PHY	HO	3,671,026	3,545,120	3.6%	3,784,471	-3.0%	33,234,277	34,069,592	-2.5%
HTG OIL	BH	0	36	-100.0%	12	-100.0%	96	108	-11.1%
MINY HTG OIL	QH	12	10	20.0%	10	20.0%	106	86	23.3%
RBOB PHY	RB	3,333,370	3,052,704	9.2%	3,686,800	-9.6%	36,896,082	35,345,370	4.4%
MINY RBOB GAS	QU	10	7	42.9%	7	42.9%	92	90	2.2%
NATURAL GAS	HP	276,412	148,152	86.6%	178,884	54.5%	1,988,154	1,697,896	17.1%
LTD NAT GAS	HH	401,835	348,893	15.2%	335,520	19.8%	3,544,514	3,535,009	0.3%
MINY NATURAL GAS	QG	167,269	198,820	-15.9%	172,950	-3.3%	2,230,084	3,085,695	-27.7%
NATURAL GAS PHY	NG	9,256,092	6,411,375	44.4%	7,283,862	27.1%	83,494,039	71,573,307	16.7%
RBOB GAS	RT	0	24	-100.0%	24	-100.0%	72	72	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	2,405	6,400	-62.4%	1,630	47.5%	35,185	60,320	-41.7%
ARGUS PROPAN FAR EST INDE	7E	14,825	6,132	141.8%	11,200	32.4%	94,998	57,241	66.0%
ARGUS PROPAN(SAUDI ARAMCO	9N	3,091	1,873	65.0%	2,938	5.2%	28,811	19,383	48.6%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0.0%	85	1,587	-94.6%
BRENT CALENDAR SWAP	CY	8,579	8,339	2.9%	12,664	-32.3%	93,374	147,977	-36.9%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	30	-100.0%	360	250	44.0%
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	7,818	5,617	39.2%	8,852	-11.7%	92,626	32,319	186.6%
CAR VINTAGE	NGO	7,227	8,343	-13.4%	4,783	51.1%	60,197	118,762	-49.3%
CEU ENERGY	TFU	0	0	-	0	0.0%	330	0	-
CEU ENERGY	TTG	177	0	-	5	3,440.0%	337	0	-
CHICAGO ETHANOL SWAP	CU	89,708	58,545	53.2%	90,765	-1.2%	770,851	597,678	29.0%

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<b>Energy Futures</b>									
CHICAGO ULSD PL VS HO SPR	5C	615	1,540	-60.1%	555	10.8%	9,815	6,683	46.9%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	10	365	-97.3%	65	-84.6%	702	2,961	-76.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,657	330	402.1%	380	336.1%	4,894	3,507	39.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	11,802	18,518	-36.3%	19,860	-40.6%	185,049	160,958	15.0%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	518	390	32.8%	419	23.6%	3,927	4,022	-2.4%
CRUDE OIL OUTRIGHTS	42	56	418	-86.6%	1,614	-96.5%	5,228	9,034	-42.1%
CRUDE OIL OUTRIGHTS	CC5	0	422	-100.0%	0	0.0%	0	1,988	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	60	-100.0%	0	0.0%	0	1,320	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	0	105	-100.0%
CRUDE OIL OUTRIGHTS	HTT	131,164	65,799	99.3%	149,157	-12.1%	1,438,800	722,917	99.0%
CRUDE OIL OUTRIGHTS	LSW	0	82	-100.0%	0	0.0%	100	4,347	-97.7%
CRUDE OIL OUTRIGHTS	WCW	0	140	-100.0%	0	0.0%	0	17,270	-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	2,537,655	2,178,545	16.5%	2,043,012	24.2%	20,007,668	26,002,781	-23.1%
CRUDE OIL SPRDS	ANT	150	330	-54.5%	1,046	-85.7%	7,163	8,466	-15.4%
CRUDE OIL SPRDS	BKT	0	0	-	0	0.0%	750	0	-
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0.0%	0	3,255	-100.0%
CRUDE OIL SPRDS	WTT	58,126	43,044	35.0%	49,325	17.8%	622,408	510,337	22.0%
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%

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<b>Energy Futures</b>									
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	1,500	0	0.0%	0	0.0%	2,300	2,000	15.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	49,599	0	0.0%	59,091	-16.1%	244,083	14,607	1,571.0%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	555	0	0.0%	318	74.5%	1,654	838	97.4%
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	3,148	1,437	119.1%	2,808	12.1%	23,347	19,037	22.6%
ETHANOL	MTH	0	0	0.0%	0	0.0%	0	10	-100.0%
ETHANOL	Z1B	0	0	-	0	0.0%	36	0	-
ETHANOL SWAP	MT2	355	300	18.3%	85	317.6%	2,890	1,965	47.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	6,320	2,783	127.1%	2,115	198.8%	41,826	34,878	19.9%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0.0%	126	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	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	59	13	353.8%	25	136.0%	309	559	-44.7%
EUROPEAN GASOIL (ICE)	7F	48	199	-75.9%	32	50.0%	341	13,463	-97.5%
EUROPEAN NAPHTHA BALMO	KZ	0	5	-100.0%	33	-100.0%	127	181	-29.8%
EUROPEAN NAPHTHA CRACK SPR	EN	4,936	1,292	282.0%	2,687	83.7%	33,608	21,407	57.0%
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	856	343	149.6%	546	56.8%	9,091	5,881	54.6%
EURO PROPANE CIF ARA SWA	PS	2,806	2,313	21.3%	2,178	28.8%	20,359	17,897	13.8%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	222	0	0.0%	75	196.0%	1,552	1,245	24.7%
FREIGHT MARKETS	CS3	0	0	0.0%	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	CS4	0	0	0.0%	0	0.0%	70	360	-80.6%
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0.0%	46	0	0.0%
FREIGHT MARKETS	FLP	0	68	-100.0%	0	0.0%	54	296	-81.8%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	0	36	-100.0%
FREIGHT MARKETS	T2D	0	20	-100.0%	0	0.0%	0	728	-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%



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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%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0.0%	0	1,192	-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	240	21	1,042.9%	388	-38.1%	3,041	1,982	53.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	3,037	1,207	151.6%	4,644	-34.6%	20,938	24,763	-15.4%
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	0	0.0%	0	0.0%	1	66	-98.5%
GASOIL 10PPM VS ICE SWAP	TP	0	12	-100.0%	0	0.0%	0	12	-100.0%
GASOIL CALENDAR SWAP	GX	24	6	300.0%	0	0.0%	69	977	-92.9%
GASOIL CRACK SPREAD CALEN	GZ	0	0	0.0%	0	0.0%	525	10,959	-95.2%
GASOIL MINI CALENDAR SWAP	QA	288	116	148.3%	89	223.6%	2,027	2,817	-28.0%
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	2,160	4,826	-55.2%	3,565	-39.4%	40,577	46,203	-12.2%
GRP THREE UNL GS (PLT) VS	A8	3,475	905	284.0%	1,510	130.1%	27,133	30,862	-12.1%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0.0%	0	967	-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	7,209	5,219	38.1%	9,418	-23.5%	95,989	96,448	-0.5%
GULF COAST NO.6 FUEL OIL	MF	2,230	9,657	-76.9%	846	163.6%	36,865	45,197	-18.4%
GULF COAST NO.6 FUEL OIL	MG	18,025	13,424	34.3%	15,285	17.9%	143,126	78,277	82.8%
GULF COAST ULSD CALENDAR	LY	609	0	0.0%	318	91.5%	1,789	804	122.5%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	79	87	-9.2%	264	-70.1%	1,599	3,490	-54.2%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	127	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	0	40	-100.0%	3	-100.0%	16	66	-75.8%
HENRY HUB SWAP	NN	26,873	23,546	14.1%	20,077	33.8%	306,017	280,566	9.1%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	75	-100.0%	415	2,193	-81.1%
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%

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JAPAN C&F NAPHTHA CRACK S	JB	0	0.0%	5	-100.0%	10	428	-97.7%	
JAPAN C&F NAPHTHA SWAP	JA	204	141	44.7%	284	-28.2%	1,822	1,163	56.7%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	23	-100.0%	35	6	483.3%
JET CIF NWE VS ICE	JC	6	24	-75.0%	0	0.0%	192	1,525	-87.4%
JET FUEL UP-DOWN BALMO CL	1M	1,390	245	467.3%	1,173	18.5%	10,484	15,241	-31.2%
JKM LNG Futures	JKM	0	335	-100.0%	0	0.0%	0	3,223	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	86	10	760.0%	25	244.0%	2,669	2,291	16.5%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	275	50	450.0%	400	-31.3%	5,355	3,375	58.7%
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	0	0.0%	0	0.0%	0	1,685	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	13,025	15,185	-14.2%	11,550	12.8%	158,875	156,346	1.6%
MCCLOSKEY ARA ARGS COAL	MTF	999	926	7.9%	1,219	-18.0%	9,952	53,650	-81.5%
MCCLOSKEY RCH BAY COAL	MFF	0	80	-100.0%	42	-100.0%	54	4,136	-98.7%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	0	0.0%	0	0.0%	130	263	-50.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	100	-100.0%	310	50	520.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	102	130	-21.5%	87	17.2%	1,308	3,054	-57.2%
MJC FUT	MJC	30	0	0.0%	30	0.0%	60	0	0.0%
MNC FUT	MNC	512	1,545	-66.9%	577	-11.3%	9,270	16,897	-45.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	32,313	32,072	0.8%	28,264	14.3%	323,820	362,584	-10.7%
MONT BELVIEU ETHANE OPIS BALMO	8C	1,230	220	459.1%	260	373.1%	6,730	8,901	-24.4%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	245,820	192,621	27.6%	201,441	22.0%	2,289,631	1,698,908	34.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,995	1,593	88.0%	847	253.6%	21,955	27,070	-18.9%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	19,782	27,114	-27.0%	22,520	-12.2%	247,088	246,853	0.1%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	675	2,814	-76.0%	910	-25.8%	12,813	16,388	-21.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	72,333	57,789	25.2%	59,908	20.7%	688,868	545,470	26.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,689	2,247	-24.8%	409	313.0%	10,919	15,157	-28.0%
NATURAL GAS	NWM	0	305	-100.0%	0	0.0%	480	305	57.4%
NATURAL GAS PEN SWP	NP	41,571	33,039	25.8%	17,546	136.9%	235,216	451,404	-47.9%
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	510	605	-15.7%	935	-45.5%	7,187	8,992	-20.1%

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<b>Energy Futures</b>									
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%
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	2,679	1,038	158.1%	1,179	127.2%	22,316	12,489	78.7%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	75	-100.0%	0	0.0%	750	1,350	-44.4%
NYH NO 2 CRACK SPREAD CAL	HK	1,462	1,344	8.8%	1,400	4.4%	32,688	16,950	92.8%
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	600	840	-28.6%	1,755	-65.8%	12,852	5,412	137.5%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	134	82	63.4%	31	332.3%	1,519	1,390	9.3%
PETROCHEMICALS	32	123	92	33.7%	96	28.1%	798	425	87.8%
PETROCHEMICALS	3NA	34	45	-24.4%	36	-5.6%	498	267	86.5%
PETROCHEMICALS	51	0	0	0.0%	15	-100.0%	58	15	286.7%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	60	424	-85.8%
PETROCHEMICALS	8I	411	1,683	-75.6%	369	11.4%	6,014	9,339	-35.6%
PETROCHEMICALS	91	485	377	28.6%	176	175.6%	3,965	3,211	23.5%
PETROCHEMICALS	MAA	0	0	0.0%	20	-100.0%	1,180	460	156.5%
PETROCHEMICALS	MAE	1,705	1,292	32.0%	1,325	28.7%	14,701	11,582	26.9%
PETROCHEMICALS	MAS	420	310	35.5%	368	14.1%	5,124	3,570	43.5%
PETROCHEMICALS	MBE	0	0	0.0%	0	0.0%	720	710	1.4%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	505	329	53.5%	346	46.0%	4,892	2,626	86.3%
PETROCHEMICALS	PMF	3	0	0.0%	6	-50.0%	78	14	457.1%
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	17,595	11,592	51.8%	16,275	8.1%	134,581	164,289	-18.1%
PETRO CRCKS & SPRDS NA	EXR	269	132	103.8%	687	-60.8%	2,974	2,681	10.9%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0.0%	935	700	33.6%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0.0%	375	150	150.0%

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Commodity		VOLUME OCT 2023	VOLUME OCT 2022	% CHG	VOLUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
PETRO CRCKS & SPRDS NA	GCU	462	0	0.0%	0	0.0%	558	275	102.9%
PETRO CRCKS & SPRDS NA	GFC	35	0	0.0%	0	0.0%	1,480	1,350	9.6%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	200	-100.0%	1,530	577	165.2%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	550	673	-18.3%	500	10.0%	6,525	6,626	-1.5%
PETRO CRCKS & SPRDS NA	RVG	85	1,720	-95.1%	0	0.0%	11,041	19,535	-43.5%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	0.0%	12	0	-
PETRO CRK&SPRD EURO	1NB	0	336	-100.0%	0	0.0%	265	2,121	-87.5%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0.0%	103	121	-14.9%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0.0%	120	605	-80.2%
PETRO CRK&SPRD EURO	EOB	5	0	0.0%	0	0.0%	5	0	0.0%
PETRO CRK&SPRD EURO	EPN	554	374	48.1%	246	125.2%	4,194	3,965	5.8%
PETRO CRK&SPRD EURO	EVC	0	40	-100.0%	0	0.0%	375	827	-54.7%
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	61	75	-18.7%	125	-51.2%	978	917	6.7%
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%	3	2	50.0%
PETROLEUM PRODUCTS	CMS	0	350	-100.0%	0	0.0%	1,020	1,590	-35.8%
PETROLEUM PRODUCTS	EWG	0	150	-100.0%	102	-100.0%	1,508	4,767	-68.4%
PETROLEUM PRODUCTS	H5F	0	150	-100.0%	80	-100.0%	535	785	-31.8%
PETROLEUM PRODUCTS	JCC	514	2,250	-77.2%	1,111	-53.7%	9,970	13,516	-26.2%
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	14	24	-41.7%	11	27.3%	151	456	-66.9%
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%	50	-100.0%	260	1,148	-77.4%
PETROLEUM PRODUCTS ASIA	E6M	0	10	-100.0%	30	-100.0%	75	50	50.0%
PETROLEUM PRODUCTS ASIA	MJN	45	320	-85.9%	1,048	-95.7%	4,065	7,176	-43.4%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0.0%	0	0	0.0%

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Commodity	VOLUME OCT 2023	VOLUME OCT 2022	% CHG	VOLUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG	
<b>Energy Futures</b>									
PETRO OUTFRIGHT EURO	0C	0	0.0%	0	-	0	0	0.0%	
PETRO OUTFRIGHT EURO	0D	136	119.4%	130	4.6%	470	295	59.3%	
PETRO OUTFRIGHT EURO	0E	0	0.0%	0	-	0	0	0.0%	
PETRO OUTFRIGHT EURO	0F	25	0.0%	40	-37.5%	65	9	622.2%	
PETRO OUTFRIGHT EURO	1T	0	0.0%	0	-	0	0	0.0%	
PETRO OUTFRIGHT EURO	5L	0	0.0%	0	0.0%	90	10	800.0%	
PETRO OUTFRIGHT EURO	7I	0	0.0%	0	0.0%	75	285	-73.7%	
PETRO OUTFRIGHT EURO	7R	15	87.5%	0	0.0%	82	46	78.3%	
PETRO OUTFRIGHT EURO	CBB	0	0.0%	0	0.0%	55	0	0.0%	
PETRO OUTFRIGHT EURO	CGB	0	0.0%	0	0.0%	15	30	-50.0%	
PETRO OUTFRIGHT EURO	CPB	85	12	608.3%	92	-7.6%	2,058	1,686	22.1%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	-	0	0.0%	
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	-	0	0.0%	
PETRO OUTFRIGHT EURO	EWN	286	480	-40.4%	0	0.0%	2,514	1,765	42.4%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	-	0	0.0%	
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	-	0	0.0%	
PETRO OUTFRIGHT EURO	JFB	0	0	0.0%	0	-	0	0.0%	
PETRO OUTFRIGHT EURO	M1B	663	817	-18.8%	870	-23.8%	8,739	11,015	-20.7%
PETRO OUTFRIGHT EURO	MBB	60	0	0.0%	0	-	60	0	0.0%
PETRO OUTFRIGHT EURO	MBN	844	410	105.9%	1,112	-24.1%	7,213	6,021	19.8%
PETRO OUTFRIGHT EURO	MEF	60	0	0.0%	0	0.0%	82	94	-12.8%
PETRO OUTFRIGHT EURO	MQA	356	0	0.0%	255	39.6%	2,213	188	1,077.1%
PETRO OUTFRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	R5B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	R5M	964	1,440	-33.1%	833	15.7%	10,650	17,717	-39.9%
PETRO OUTFRIGHT EURO	R5O	634	511	24.1%	575	10.3%	5,869	9,624	-39.0%
PETRO OUTFRIGHT EURO	RBM	0	0	0.0%	0	0.0%	107	112	-4.5%
PETRO OUTFRIGHT EURO	S5B	22	0	0.0%	0	0.0%	29	5	480.0%
PETRO OUTFRIGHT EURO	S5F	622	101	515.8%	494	25.9%	4,229	1,150	267.7%
PETRO OUTFRIGHT EURO	S5M	1,833	2,074	-11.6%	1,485	23.4%	16,758	21,714	-22.8%
PETRO OUTFRIGHT EURO	S5O	1,121	712	57.4%	849	32.0%	7,981	25,981	-69.3%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	SR5	0	12	-100.0%	0	0.0%	240	120	100.0%
PETRO OUTFRIGHT EURO	TLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	ULB	125	0	-	50	150.0%	600	0	-



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<b>Energy Futures</b>									
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT NA	A8B	260	50	420.0%	500	-48.0%	1,925	2,305	-16.5%
PETRO OUTFRIGHT NA	AB6	968	590	64.1%	30	3,126.7%	3,638	3,445	5.6%
PETRO OUTFRIGHT NA	BCR	900	2,050	-56.1%	1,050	-14.3%	11,113	25,170	-55.8%
PETRO OUTFRIGHT NA	FCB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	JE	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTFRIGHT NA	JET	1,109	975	13.7%	200	454.5%	15,094	5,785	160.9%
PETRO OUTFRIGHT NA	JTB	209	75	178.7%	330	-36.7%	2,414	2,136	13.0%
PETRO OUTFRIGHT NA	MBL	0	75	-100.0%	0	0.0%	217	860	-74.8%
PETRO OUTFRIGHT NA	MEN	0	0	0.0%	5	-100.0%	373	581	-35.8%
PETRO OUTFRIGHT NA	MEO	0	302	-100.0%	214	-100.0%	1,146	2,611	-56.1%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	MMF	0	10	-100.0%	0	0.0%	0	20	-100.0%
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	3,065	1,347	127.5%	3,098	-1.1%	13,037	9,919	31.4%
PREMIUM UNLND 10P FOB MED	3G	0	0	0.0%	0	0.0%	15	111	-86.5%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2,640	2,404	9.8%	710	271.8%	13,910	16,530	-15.8%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	22,277	14,183	57.1%	20,721	7.5%	247,780	127,836	93.8%
RBOB CALENDAR SWAP	RL	5,990	8,402	-28.7%	9,903	-39.5%	78,894	52,307	50.8%
RBOB CRACK SPREAD	RM	1,440	395	264.6%	475	203.2%	20,436	14,912	37.0%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	100	127	-21.3%
RBOB GASOLINE BALMO CLNDR	1D	136	647	-79.0%	610	-77.7%	9,471	12,516	-24.3%
RBOB PHY	MRB	10	31	-67.7%	5	100.0%	54	59	-8.5%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	420	-100.0%	0	0.0%	30	975	-96.9%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	5	-100.0%	21	2	950.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	605	12	4,941.7%	641	-5.6%	2,605	1,303	99.9%
SINGAPORE FUEL 180CST CAL	UA	22	3	633.3%	10	120.0%	37	3	1,133.3%

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<b>Energy Futures</b>									
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREAD	SD	0	45	-100.0%	0	0.0%	24	102	-76.5%
SINGAPORE GASOIL	MAF	0	77	-100.0%	0	0.0%	236	3,957	-94.0%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0.0%	0	196	-100.0%
SINGAPORE GASOIL	MTS	190	386	-50.8%	320	-40.6%	3,256	3,368	-3.3%
SINGAPORE GASOIL	SBM	5	0	0.0%	0	0.0%	15	332	-95.5%
SINGAPORE GASOIL CALENDAR	MSG	171	61	180.3%	45	280.0%	680	1,246	-45.4%
SINGAPORE GASOIL SWAP	SG	960	15	6,300.0%	1,370	-29.9%	8,537	3,155	170.6%
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	3,725	-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	0	0.0%	0	0.0%	100	810	-87.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	300	0	0.0%	30	900.0%	4,766	600	694.3%
TC2 ROTTERDAM TO USAC 37K	TM	0	144	-100.0%	0	0.0%	172	438	-60.7%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	0	243	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	40	-100.0%	0	0.0%	0	6,285	-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	2,474	7,335	-66.3%	3,925	-37.0%	58,618	61,479	-4.7%
UP DOWN GC ULSD VS NMX HO	LT	10,966	21,792	-49.7%	22,312	-50.9%	283,446	264,227	7.3%
WTI-BRENT BULLET SWAP	BY	111	0	-	0	-	111	0	-
WTI-BRENT CALENDAR SWAP	BK	54,998	44,545	23.5%	44,854	22.6%	512,811	515,144	-0.5%
WTI CALENDAR	CS	80,663	47,047	71.5%	72,151	11.8%	647,559	624,500	3.7%
WTI MIDLAND CRUDE OIL	WTL	0	600	-100.0%	0	0.0%	1,900	900	111.1%
WTS (ARGUS) VS WTI SWAP	FF	2,324	150	1,449.3%	2,221	4.6%	32,206	27,622	16.6%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0.0%	2,509	7,035	-64.3%
<b>Energy Options</b>									
BRENT CALENDAR SWAP	BA	0	144	-100.0%	0	0.0%	2,160	3,272	-34.0%
BRENT CRUDE OIL 1 M CSO	9C	4,600	30,000	-84.7%	6,000	-23.3%	11,200	131,250	-91.5%
BRENT OIL LAST DAY	BE	14,347	13,600	5.5%	0	0.0%	42,543	109,537	-61.2%
BRENT OIL LAST DAY	BZO	2,438	13,873	-82.4%	6,431	-62.1%	93,351	178,089	-47.6%
COAL API2 INDEX	F2C	0	0	0.0%	195	-100.0%	475	390	21.8%
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%



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<b>Energy Options</b>									
CRUDE OIL 1MO	WA	86,700	18,900	358.7%	139,025	-37.6%	698,875	579,153	20.7%
CRUDE OIL APO	AO	25,533	23,246	9.8%	58,051	-56.0%	306,796	208,954	46.8%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	5,693	4,173	36.4%	8,337	-31.7%	64,816	5,601	1,057.2%
CRUDE OIL PHY	LC	17,647	27,578	-36.0%	26,928	-34.5%	260,363	355,461	-26.8%
CRUDE OIL PHY	LO	3,651,244	2,283,507	59.9%	2,832,062	28.9%	25,295,971	24,480,784	3.3%
CRUDE OIL PHY	LO1	75,445	37,459	101.4%	35,017	115.5%	511,529	318,432	60.6%
CRUDE OIL PHY	LO2	46,345	28,918	60.3%	37,165	24.7%	457,451	243,508	87.9%
CRUDE OIL PHY	LO3	60,613	24,296	149.5%	16,708	262.8%	349,992	172,823	102.5%
CRUDE OIL PHY	LO4	39,641	29,882	32.7%	63,236	-37.3%	461,781	331,721	39.2%
CRUDE OIL PHY	LO5	0	0	0.0%	65,113	-100.0%	191,018	76,069	151.1%
CRUDE OIL PHY	MCO	18,074	11,020	64.0%	60,866	-70.3%	213,200	39,081	445.5%
CRUDE OIL PHY	ML1	4,706	0	-	17,745	-73.5%	29,094	0	-
CRUDE OIL PHY	ML2	11,911	0	-	12,456	-4.4%	30,513	0	-
CRUDE OIL PHY	ML3	17,472	0	-	15,763	10.8%	41,351	0	-
CRUDE OIL PHY	ML4	22,569	0	-	13,531	66.8%	44,121	0	-
CRUDE OIL PHY	ML5	17,280	0	-	0	-	17,280	0	-
CRUDE OIL PHY	MW1	1,742	1,332	30.8%	1,676	3.9%	18,308	5,370	240.9%
CRUDE OIL PHY	MW2	1,476	1,126	31.1%	2,305	-36.0%	17,040	6,261	172.2%
CRUDE OIL PHY	MW3	1,057	959	10.2%	872	21.2%	12,676	3,390	273.9%
CRUDE OIL PHY	MW4	1,556	1,049	48.3%	1,417	9.8%	20,882	7,472	179.5%
CRUDE OIL PHY	MW5	0	0	0.0%	1,812	-100.0%	6,461	3,293	96.2%
CRUDE OIL PHY	WL1	22,102	0	-	14,663	50.7%	40,870	0	-
CRUDE OIL PHY	WL2	15,358	0	-	13,770	11.5%	36,694	0	-
CRUDE OIL PHY	WL3	13,786	0	-	13,820	-0.2%	36,739	0	-
CRUDE OIL PHY	WL4	23,011	0	-	13,587	69.4%	45,728	0	-
CRUDE OIL PHY	WL5	0	0	-	0	0.0%	12,816	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	3,463	1,430	142.2%	6,171	-43.9%	27,653	28,769	-3.9%
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	24	0	0.0%	0	0.0%	208	382	-45.5%
HEATING OIL PHY	OH	16,284	11,009	47.9%	9,888	64.7%	118,269	109,636	7.9%

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<b>Energy Options</b>									
HENRY HUB FINANCIAL LAST	E7	42,575	5,139	728.5%	31,564	34.9%	200,844	46,363	333.2%
HENRY HUB FINANCIAL LAST	ECNG	226	3,243	-93.0%	1,510	-85.0%	19,692	6,050	225.5%
HO 1 MONTH CLNDR OPTIONS	FA	3,500	1,100	218.2%	6,000	-41.7%	38,500	6,475	494.6%
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	4,500	-33.3%
MCCLOSKEY ARA ARG5 COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	816	0	0.0%	1,401	-41.8%	4,281	697	514.2%
NATURAL GAS	LN2	1,107	0	0.0%	28	3,853.6%	1,751	1,502	16.6%
NATURAL GAS	LN3	194	0	0.0%	791	-75.5%	1,856	1,072	73.1%
NATURAL GAS	LN4	0	0	0.0%	24	-100.0%	1,562	1,517	3.0%
NATURAL GAS	LN5	0	0	0.0%	1	-100.0%	15	5	200.0%
NATURAL GAS 1 M CSO FIN	G4	119,850	64,279	86.5%	82,175	45.8%	909,857	897,671	1.4%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0.0%	1,250	14,100	-91.1%
NATURAL GAS 3 M CSO FIN	G3	3,000	1,000	200.0%	24,910	-88.0%	632,180	351,290	80.0%
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	6,100	3,500	74.3%	0	0.0%	71,350	90,900	-21.5%
NATURAL GAS OPT	JFO	0	150	-100.0%	0	0.0%	0	450	-100.0%
NATURAL GAS OPT	JKO	0	0	0.0%	0	0.0%	0	5,600	-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	1,150	300	283.3%	3,400	-66.2%	8,600	14,630	-41.2%
NATURAL GAS PHY	LN	4,056,788	1,819,043	123.0%	2,586,282	56.9%	27,658,416	19,971,898	38.5%
NATURAL GAS PHY	ON	126,509	60,158	110.3%	82,627	53.1%	934,060	843,808	10.7%
NATURAL GAS PHY	ON3	1	0	-	0	0.0%	2	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	1,918	1,067	79.8%	4,002	-52.1%	34,471	19,945	72.8%
PETROCHEMICALS	4H	0	120	-100.0%	6	-100.0%	412	3,314	-87.6%
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%	0	0.0%	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	300	-100.0%	0	0.0%	500	3,350	-85.1%

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<b>Energy Options</b>									
RBOB CALENDAR SWAP	RA	0	12	-100.0%	0	0.0%	60	3,585	-98.3%
RBOB PHY	OB	1,186	1,167	1.6%	1,066	11.3%	30,639	39,384	-22.2%
RBOB PHY	RF	18	80	-77.5%	0	0.0%	205	1,510	-86.4%
SHORT TERM	U11	50	0	0.0%	0	0.0%	50	300	-83.3%
SHORT TERM	U12	50	0	0.0%	0	0.0%	50	550	-90.9%
SHORT TERM	U13	50	0	0.0%	0	0.0%	750	100	650.0%
SHORT TERM	U14	0	0	0.0%	150	-100.0%	250	500	-50.0%
SHORT TERM	U15	0	0	0.0%	0	0.0%	0	50	-100.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	350	-100.0%
SHORT TERM	U23	50	0	-	0	0.0%	100	0	-
SHORT TERM	U24	100	100	0.0%	0	0.0%	100	100	0.0%
SHORT TERM	U25	100	0	0.0%	0	0.0%	100	400	-75.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	500	250	100.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	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%	0	0.0%	300	950	-68.4%
SHORT TERM NATURAL GAS	U05	200	0	0.0%	0	0.0%	1,200	500	140.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	150	550	-72.7%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	0	925	-100.0%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	600	-100.0%	600	200	200.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U10	50	0	0.0%	0	0.0%	450	200	125.0%
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	50	0	0.0%	0	0.0%	50	350	-85.7%
SHORT TERM NATURAL GAS	U19	100	50	100.0%	0	0.0%	400	600	-33.3%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	100	-100.0%	450	950	-52.6%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U28	0	250	-100.0%	100	-100.0%	100	350	-71.4%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	350	100	250.0%
SHORT TERM NATURAL GAS	U31	100	0	0.0%	0	0.0%	1,800	200	800.0%
WTI-BRENT BULLET SWAP	BV	32,200	28,800	11.8%	105,867	-69.6%	268,267	363,595	-26.2%

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<b>Energy Options</b>									
WTI CRUDE OIL 1 M CSO FI	7A	108,875	48,200	125.9%	155,335	-29.9%	822,320	556,000	47.9%
<b>Metals Futures</b>									
COMEX GOLD	GC	4,989,427	3,998,867	24.8%	3,788,096	31.7%	47,429,152	45,587,676	4.0%
NYMEX HOT ROLLED STEEL	HR	32,628	22,180	47.1%	27,035	20.7%	280,819	222,460	26.2%
NYMEX PLATINUM	PL	501,396	415,982	20.5%	700,156	-28.4%	4,911,176	4,201,596	16.9%
PALLADIUM	PA	82,202	40,121	104.9%	52,886	55.4%	681,921	450,287	51.4%
URANIUM	UX	1	0	0.0%	4	-75.0%	5	24	-79.2%
COMEX SILVER	SI	1,438,957	1,346,715	6.8%	1,293,446	11.2%	15,084,660	14,103,929	7.0%
COMEX E-Mini GOLD	QO	24,868	45,577	-45.4%	13,846	79.6%	317,221	320,033	-0.9%
COMEX E-Mini SILVER	QI	7,088	4,378	61.9%	5,414	30.9%	58,836	38,364	53.4%
COMEX COPPER	HG	2,004,163	1,821,218	10.0%	1,619,243	23.8%	21,221,652	17,754,471	19.5%
COMEX MINY COPPER	QC	5,798	2,817	105.8%	3,767	53.9%	55,753	34,953	59.5%
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	AEP	130	1,346	-90.3%	1,080	-88.0%	17,428	17,482	-0.3%
ALUMINUM	ALA	0	0	0.0%	0	0.0%	240	1,925	-87.5%
ALUMINUM	ALI	129,151	52,643	145.3%	122,352	5.6%	871,586	321,195	171.4%
ALUMINUM	AUP	10,013	9,483	5.6%	7,583	32.0%	66,549	71,219	-6.6%
ALUMINUM	EDP	6,626	9,623	-31.1%	4,735	39.9%	43,696	52,082	-16.1%
ALUMINUM	MJP	0	240	-100.0%	0	0.0%	770	3,100	-75.2%
COBALT METAL FUTURES	COB	849	2,709	-68.7%	1,376	-38.3%	23,531	11,003	113.9%
COPPER	HGS	527	1,785	-70.5%	448	17.6%	13,687	16,298	-16.0%
COPPER	MHG	92,028	71,359	29.0%	92,390	-0.4%	1,049,292	417,140	151.5%
FERROUS PRODUCTS	BUS	1,938	2,729	-29.0%	1,180	64.2%	11,300	26,059	-56.6%
FERROUS PRODUCTS	FSF	102	0	-	14	628.6%	270	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	544	296	83.8%	0	0.0%	2,542	7,643	-66.7%
GOLD	SGU	808	502	61.0%	18	4,388.9%	2,972	52,889	-94.4%
HOT ROLLED COIL STEEL FUTURES	EHR	5,423	6,027	-10.0%	4,353	24.6%	51,079	35,665	43.2%
IRON ORE CHINA	TIO	212	880	-75.9%	239	-11.3%	2,857	13,413	-78.7%
LITHIUM CARBONATE FUTURES	LTC	0	0	-	0	0.0%	8	0	-
METALS	HDG	10	35	-71.4%	0	0.0%	1,441	652	121.0%
METALS	LTH	3,411	34	9,932.4%	3,206	6.4%	13,130	58	22,537.9%

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<b>Metals Futures</b>									
METALS	PAC	0	0	0.0%	0	0.0%	500	1,300	-61.5%
MICRO GOLD	MGC	1,455,202	941,893	54.5%	870,802	67.1%	13,802,313	10,680,912	29.2%
MOLYBDENUM OXIDE FUTURES	MOX	166	0	-	69	140.6%	1,142	0	-
SILVER	SIL	276,251	173,016	59.7%	206,269	33.9%	2,239,067	1,620,641	38.2%
<b>Metals Options</b>									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	1,692	537	215.1%	1,690	0.1%	12,235	755	1,520.5%
COMEX COPPER	HX	101,377	81,947	23.7%	81,905	23.8%	1,223,787	840,298	45.6%
COMEX GOLD	ECGC	4,361	2,350	85.6%	4,868	-10.4%	59,060	4,660	1,167.4%
COMEX GOLD	OG	1,522,477	825,563	84.4%	973,509	56.4%	10,186,179	8,464,517	20.3%
COMEX SILVER	ECSI	135	3,089	-95.6%	518	-73.9%	33,093	5,463	505.8%
COMEX SILVER	SO	167,359	143,722	16.4%	127,488	31.3%	1,555,989	1,130,101	37.7%
COPPER	ECHG	332	1,856	-82.1%	1,729	-80.8%	27,042	3,424	689.8%
COPPER	H1E	3,631	526	590.3%	326	1,013.8%	11,456	2,057	456.9%
COPPER	H1M	60	78	-23.1%	96	-37.5%	2,627	1,020	157.5%
COPPER	H1W	6,384	101	6,220.8%	3,692	72.9%	17,314	1,241	1,295.2%
COPPER	H2E	691	405	70.6%	1,055	-34.5%	7,859	2,422	224.5%
COPPER	H2M	729	61	1,095.1%	184	296.2%	3,883	723	437.1%
COPPER	H2W	1,704	168	914.3%	417	308.6%	5,179	499	937.9%
COPPER	H3E	281	269	4.5%	473	-40.6%	6,573	2,123	209.6%
COPPER	H3M	217	80	171.3%	208	4.3%	2,363	751	214.6%
COPPER	H3W	398	122	226.2%	91	337.4%	3,232	371	771.2%
COPPER	H4E	400	471	-15.1%	304	31.6%	4,221	2,495	69.2%
COPPER	H4M	135	90	50.0%	268	-49.6%	2,017	403	400.5%
COPPER	H4W	524	24	2,083.3%	160	227.5%	1,974	599	229.5%
COPPER	H5E	0	0	0.0%	730	-100.0%	1,357	710	91.1%
COPPER	H5M	257	141	82.3%	0	0.0%	877	360	143.6%
COPPER	H5W	0	0	0.0%	0	0.0%	1,849	713	159.3%
GOLD	1FG	15	0	-	0	-	15	0	-
GOLD	1WG	6	0	-	0	-	6	0	-
GOLD	2WG	2	0	-	0	-	2	0	-
GOLD	3FG	7	0	-	0	-	7	0	-
GOLD	3WG	10	0	-	0	-	10	0	-
GOLD	4FG	4	0	-	0	-	4	0	-

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<b>Metals Options</b>									
GOLD	4MG	4	0	-	0	-	4	0	-
GOLD	4WG	1	0	-	0	-	1	0	-
GOLD	5MG	2	0	-	0	-	2	0	-
GOLD	G1M	8,818	5,929	48.7%	19,155	-54.0%	107,698	25,513	322.1%
GOLD	G1W	23,459	13,906	68.7%	13,865	69.2%	125,259	46,148	171.4%
GOLD	G2M	12,974	3,995	224.8%	9,952	30.4%	110,233	33,832	225.8%
GOLD	G2W	16,419	8,988	82.7%	10,239	60.4%	118,462	35,525	233.5%
GOLD	G3M	20,108	5,704	252.5%	6,741	198.3%	86,850	24,288	257.6%
GOLD	G3W	15,739	5,134	206.6%	8,365	88.2%	111,348	39,722	180.3%
GOLD	G4M	19,187	3,944	386.5%	7,820	145.4%	80,609	18,526	335.1%
GOLD	G4W	15,204	518	2,835.1%	12,536	21.3%	89,069	22,670	292.9%
GOLD	G5M	19,963	3,819	422.7%	0	0.0%	34,529	8,464	308.0%
GOLD	G5W	0	0	0.0%	0	0.0%	27,178	14,006	94.0%
GOLD	OG1	65,137	43,565	49.5%	37,361	74.3%	475,189	454,860	4.5%
GOLD	OG2	60,669	34,615	75.3%	22,537	169.2%	498,884	447,944	11.4%
GOLD	OG3	56,641	42,155	34.4%	22,346	153.5%	482,903	469,414	2.9%
GOLD	OG4	30,178	26,927	12.1%	32,712	-7.7%	329,526	388,820	-15.2%
GOLD	OG5	0	0	0.0%	68,237	-100.0%	142,721	117,605	21.4%
GOLD	OMG	56	0	-	0	-	56	0	-
IRON ORE CHINA	ICT	360	0	0.0%	0	0.0%	360	300	20.0%
NYMEX HOT ROLLED STEEL	HRO	5,736	2,640	117.3%	3,027	89.5%	27,066	16,040	68.7%
NYMEX PLATINUM	PO	7,168	2,837	152.7%	12,300	-41.7%	151,036	48,502	211.4%
PALLADIUM	PAO	650	8	8,025.0%	354	83.6%	7,944	135	5,784.4%
SILVER	M1S	1,861	277	571.8%	1,907	-2.4%	14,358	1,207	1,089.6%
SILVER	M2S	1,825	1,253	45.7%	1,241	47.1%	18,567	3,455	437.4%
SILVER	M3S	1,998	591	238.1%	1,673	19.4%	11,965	1,780	572.2%
SILVER	M4S	1,498	986	51.9%	780	92.1%	8,358	1,987	320.6%
SILVER	M5S	1,633	342	377.5%	0	0.0%	3,922	544	621.0%
SILVER	SO1	11,113	6,605	68.3%	4,923	125.7%	75,637	46,829	61.5%
SILVER	SO2	10,939	6,551	67.0%	6,343	72.5%	82,920	50,202	65.2%
SILVER	SO3	9,402	8,534	10.2%	4,605	104.2%	67,359	42,616	58.1%
SILVER	SO4	3,956	4,205	-5.9%	6,128	-35.4%	46,621	34,543	35.0%
SILVER	SO5	0	0	0.0%	7,763	-100.0%	19,976	9,229	116.4%
SILVER	W1S	3,279	1,015	223.1%	2,896	13.2%	22,570	3,184	608.9%
SILVER	W2S	4,134	517	699.6%	1,440	187.1%	18,234	2,476	636.4%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME OCT 2023	VOLUME OCT 2022	% CHG	VOIUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Metals Options</b>								
SILVER W3S	1,788	573	212.0%	2,477	-27.8%	16,683	2,036	719.4%
SILVER W4S	1,656	2	82,700.0%	1,156	43.3%	9,885	660	1,397.7%
SILVER W5S	0	0	0.0%	0	0.0%	4,395	756	481.3%
<b>TOTAL FUTURES GROUP</b>								
Ag Products Futures	0	0	0.0%	0	-	0	0	0.0%
Energy Futures	41,662,456	32,987,429	26.3%	39,874,386	4.5%	382,438,369	380,077,290	0.6%
Metals Futures	11,069,919	8,972,455	23.4%	8,820,007	25.5%	108,256,595	96,064,469	12.7%
<b>TOTAL FUTURES</b>	<b>52,732,375</b>	<b>41,959,884</b>	<b>25.7%</b>	<b>48,694,393</b>	<b>8.3%</b>	<b>490,694,964</b>	<b>476,141,759</b>	<b>3.1%</b>
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	8,729,030	4,601,559	89.7%	6,582,549	32.6%	61,183,604	50,706,839	20.7%
Metals Options	2,246,743	1,297,735	73.1%	1,530,590	46.8%	16,598,587	12,879,523	28.9%
<b>TOTAL OPTIONS</b>	<b>10,975,773</b>	<b>5,899,294</b>	<b>86.1%</b>	<b>8,113,139</b>	<b>35.3%</b>	<b>77,782,191</b>	<b>63,586,362</b>	<b>22.3%</b>
<b>TOTAL COMBINED</b>								
Ag Products	0	0	0.0%	0		0	0	-
Energy	50,391,486	37,588,988	34.1%	46,456,935	8.5%	443,621,973	430,784,129	3.0%
Metals	13,316,662	10,270,190	29.7%	10,350,597	28.7%	124,855,182	108,943,992	14.6%
<b>GRAND TOTAL</b>	<b>63,708,148</b>	<b>47,859,178</b>	<b>33.1%</b>	<b>56,807,532</b>	<b>12.1%</b>	<b>568,477,155</b>	<b>539,728,121</b>	<b>5.3%</b>

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