

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest JAN 2023	Open Interest JAN 2022	% CHG	Open Interest DEC 2022	% CHG
Ag Products Futures						
COFFEE	KT	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	1,726,378	2,100,097	-17.8%	1,440,725	19.8%
CRUDE OIL	WS	0	8	-100.0%	0	-
MINY WTI CRUDE OIL	QM	3,094	4,300	-28.0%	4,643	-33.4%
BRENT OIL LAST DAY	BZ	156,929	223,052	-29.6%	146,131	7.4%
HEATING OIL PHY	HO	265,444	343,027	-22.6%	253,353	4.8%
HTG OIL	BH	90	96	-6.3%	99	-9.1%
MINY HTG OIL	QH	0	0	0.0%	0	-
RBOB PHY	RB	313,712	361,972	-13.3%	240,894	30.2%
MINY RBOB GAS	QU	5	2	150.0%	0	-
NATURAL GAS	HP	194,837	171,717	13.5%	185,471	5.0%
LTD NAT GAS	HH	375,145	469,619	-20.1%	379,835	-1.2%
MINY NATURAL GAS	QG	15,976	5,323	200.1%	9,789	63.2%
NATURAL GAS PHY	NG	1,146,709	1,160,988	-1.2%	1,015,931	12.9%
RBOB GAS	RT	60	70	-14.3%	66	-9.1%
AEP-DAYTON HUB DAILY	VD	0	10	-100.0%	10	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	4,330	9,625	-55.0%	4,845	-10.6%
ARGUS PROPAN FAR EST INDE	7E	6,162	5,189	18.8%	5,765	6.9%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,202	1,943	13.3%	1,849	19.1%
BRENT BALMO SWAP	J9	0	697	-100.0%	0	-
BRENT CALENDAR SWAP	CY	34,746	27,331	27.1%	35,845	-3.1%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-
BRENT FINANCIAL FUTURES	MBC	260	0	-	250	4.0%
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%
CAR VINTAGE	GEO	12,673	3,197	296.4%	11,746	7.9%
CAR VINTAGE	NGO	13,309	10,642	25.1%	13,197	0.8%
CHICAGO ETHANOL SWAP	CU	27,211	32,765	-17.0%	22,820	19.2%
CHICAGO ULSD PL VS HO SPR	5C	1,260	685	83.9%	1,107	13.8%
CHICAGO UNL GAS PL VS RBO	3C	0	75	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	562	2,090	-73.1%	730	-23.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,008	1,214	-17.0%	1,121	-10.1%
CONWAY PROPANE 5 DECIMALS SWAP	8K	26,513	21,701	22.2%	29,551	-10.3%
CRUDE OIL	LPS	0	0	-	0	-
CRUDE OIL LAST DAY	26	3,000	0	-	3,300	-9.1%
CRUDE OIL OUTRIGHTS	42	206	203	1.5%	551	-62.6%
CRUDE OIL OUTRIGHTS	CC5	55	2,006	-97.3%	110	-50.0%
CRUDE OIL OUTRIGHTS	CSW	0	750	-100.0%	0	-
CRUDE OIL OUTRIGHTS	GSW	0	1,350	-100.0%	0	-
CRUDE OIL OUTRIGHTS	HTT	162,559	124,365	30.7%	140,633	15.6%
CRUDE OIL OUTRIGHTS	LSW	100	2,394	-95.8%	110	-9.1%
CRUDE OIL OUTRIGHTS	WCW	0	6,710	-100.0%	0	-
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	0	0	-	0	-
CRUDE OIL PHY	MCL	41,038	8,072	408.4%	17,803	130.5%
CRUDE OIL SPRDS	ANT	1,290	2,500	-48.4%	240	437.5%
CRUDE OIL SPRDS	HIL	0	9,840	-100.0%	520	-100.0%
CRUDE OIL SPRDS	WTT	155,438	97,914	58.7%	137,394	13.1%

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Energy Futures					
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0.0%	0	0.0%
DAILY PJM	AOR	0	-100.0%	720	-100.0%
DAILY PJM	IDO	0	-	0	-
DAILY PJM	NOC	0	-	0	-
DAILY PJM	PAP	0	-	0	-
DAILY PJM	PEO	0	-	0	-
DAILY PJM	PWO	0	-	0	-
DAILY PJM	PWP	0	-	0	-
DAILY PJM	WOR	0	-100.0%	6,480	-100.0%
DAILY PJM	ZAO	0	-	0	-
DAILY PJM	ZGO	0	-	0	-
DAILY PJM	ZJO	0	-	0	-
DATED TO FRONTLINE BRENT	FY	2,220	48.0%	2,245	-1.1%
DIESEL 10P BRG FOB RDM VS	7X	0	-	0	-
DOMINION TRANSMISSION INC	PG	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	0	-100.0%	0	-
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	2,847	-69.7%	3,043	-6.4%
EAST/WEST FUEL OIL SPREAD	EW	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	A5	1,711	7.5%	1,738	-1.6%
ELEC FINSETTLED	47	0	-	0	-
ELECTRICITY OFF PEAK	46	0	-	0	-
EMMISSIONS	CGO	93	-	51	82.4%
ETHANOL	MTH	0	-100.0%	0	-
ETHANOL SWAP	MT2	830	5.1%	685	21.2%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,828	-20.2%	5,772	1.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	3	-	3	0.0%
EURO GASOIL 10PPM VS ICE	ET	360	-71.6%	401	-10.2%
EUROPE 1% FUEL OIL NWE CA	UF	0	-100.0%	5	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	85	-68.5%	99	-14.1%
EUROPEAN GASOIL (ICE)	7F	1,449	-45.1%	1,572	-7.8%
EUROPEAN NAPHTHA BALMO	KZ	10	-75.6%	4	150.0%
EUROPEAN NAPHTHA CRACK SPR	EN	1,752	-80.7%	2,676	-34.5%
EUROPE DATED BRENT SWAP	UB	0	-100.0%	0	-
EUROPE JET KERO NWE CALSW	UJ	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	881	-33.6%	864	2.0%
EURO PROPANE CIF ARA SWA	PS	2,768	-0.8%	3,129	-11.5%
FREIGHT MARKETS	BF2	0	-	0	-
FREIGHT MARKETS	BL2	405	138.2%	1,152	-64.8%
FREIGHT MARKETS	CS3	0	-	0	-
FREIGHT MARKETS	CS4	120	-	120	0.0%
FREIGHT MARKETS	FLJ	10	-	0	-
FREIGHT MARKETS	FLP	59	-29.8%	59	0.0%
FREIGHT MARKETS	FRC	0	-100.0%	0	0.0%
FREIGHT MARKETS	T2D	93	-80.4%	93	0.0%
FREIGHT MARKETS	T8C	0	-	0	-
FREIGHT MARKETS	TC6	0	-100.0%	0	-
FREIGHT MARKETS	TD3	0	-100.0%	0	-
FREIGHT MARKETS	USE	0	-	0	-
FUEL OIL CRACK VS ICE	FO	39	-97.3%	114	-65.8%
FUEL OIL NWE CRACK VS ICE	FI	0	-100.0%	15	-100.0%

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Energy Futures						
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-
GAS EURO-BOB OXY NWE BARGES	7H	185	1,107	-83.3%	244	-24.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	3,554	13,417	-73.5%	4,971	-28.5%
GASOIL 0.1CIF MED VS ICE	Z5	0	60	-100.0%	5	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	10	91	-89.0%	14	-28.6%
GASOIL 10PPM VS ICE SWAP	TP	12	0	-	12	0.0%
GASOIL CALENDAR SWAP	GX	108	630	-82.9%	131	-17.6%
GASOIL CRACK SPREAD CALEN	GZ	108	4,938	-97.8%	579	-81.3%
GASOIL MINI CALENDAR SWAP	QA	420	898	-53.2%	420	0.0%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	0	216	-100.0%	18	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	7,463	5,610	33.0%	6,354	17.5%
GRP THREE UNL GS (PLT) VS	A8	5,345	4,690	14.0%	3,395	57.4%
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	10	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-
GULF COAST JET VS NYM 2 H	ME	10,775	19,480	-44.7%	8,669	24.3%
GULF COAST NO.6 FUEL OIL	MF	6,482	2,157	200.5%	7,621	-14.9%
GULF COAST NO.6 FUEL OIL	MG	10,711	7,751	38.2%	10,118	5.9%
GULF COAST ULSD CALENDAR	LY	1,837	1,487	23.5%	1,790	2.6%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-
HEATING OIL BALMO CLNDR S	1G	739	1,053	-29.8%	177	317.5%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HEATING OIL PHY	MHO	0	0	-	8	-100.0%
HENRY HUB SWAP	NN	436,516	582,343	-25.0%	441,816	-1.2%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-
ICE BRENT DUBAI SWAP	DB	120	2,298	-94.8%	345	-65.2%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
INDIANA MISO	FTD	0	0	-	0	-
INDIANA MISO	PTD	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	0	0	-	0	-
JAPAN C&F NAPHTHA CRACK S	JB	0	6	-100.0%	2	-100.0%
JAPAN C&F NAPHTHA SWAP	JA	363	206	76.2%	352	3.1%
JAPAN NAPHTHA BALMO SWAP	E6	4	0	-	8	-50.0%
JET CIF NWE VS ICE	JC	654	891	-26.6%	671	-2.5%
JET FUEL UP-DOWN BALMO CL	1M	1,186	2,145	-44.7%	1,205	-1.6%
JKM LNG Futures	JKM	681	1,938	-64.9%	1,076	-36.7%
LA CARB DIESEL (OPIS) SWA	KL	854	1,081	-21.0%	205	316.6%
LA CARBOB GASOLINE(OPIS)S	JL	150	0	-	0	-
LA JET (OPIS) SWAP	JS	975	1,610	-39.4%	775	25.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	1,504	3,078	-51.1%	1,631	-7.8%
MARS (ARGUS) VS WTI SWAP	YX	0	700	-100.0%	125	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	17,630	20,795	-15.2%	11,142	58.2%
MCCLOSKEY ARA ARGS COAL	MTF	6,845	15,535	-55.9%	7,567	-9.5%
MCCLOSKEY RCH BAY COAL	MFF	136	1,242	-89.0%	235	-42.1%
MGN1 SWAP FUT	MGN	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	10	25	-60.0%	0	-
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	463	665	-30.4%	608	-23.8%
MJC FUT	MJC	0	0	-	0	-
MNC FUT	MNC	2,398	2,218	8.1%	2,332	2.8%

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Energy Futures						
MONT BELVIEU ETHANE 5 DECIMAL	C0	51,687	49,032	5.4%	43,620	18.5%
MONT BELVIEU ETHANE OPIS BALMO	8C	1,915	1,177	62.7%	730	162.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	148,068	128,639	15.1%	145,524	1.7%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,774	3,543	-49.9%	2,324	-23.7%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	38,383	35,703	7.5%	36,293	5.8%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,393	1,035	34.6%	1,615	-13.7%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	45,735	50,274	-9.0%	51,783	-11.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,270	1,824	-30.4%	1,388	-8.5%
NATURAL GAS	NWM	0	0	-	300	-100.0%
NATURAL GAS PEN SWP	NP	162,771	195,600	-16.8%	169,089	-3.7%
NEPOOL INTR HUB 5MW D AH	H2	0	8,256	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	U6	0	447	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-
NEW YORK ETHANOL SWAP	EZ	645	1,725	-62.6%	885	-27.1%
NEW YORK HUB ZONE G PEAK	GN	0	775	-100.0%	275	-100.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	9,014	7,876	14.4%	9,716	-7.2%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	600	-100.0%	50	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	305	550	-44.5%	205	48.8%
NYH NO 2 CRACK SPREAD CAL	HK	5,575	9,869	-43.5%	6,179	-9.8%
NYISO CAPACITY	LHV	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	T3	0	5,350	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	2,824	1,100	156.7%	2,880	-1.9%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-
PETROCHEMICALS	22	351	128	174.2%	263	33.5%
PETROCHEMICALS	32	89	21	323.8%	146	-39.0%
PETROCHEMICALS	3NA	36	42	-14.3%	65	-44.6%
PETROCHEMICALS	51	0	0	-	1	-100.0%
PETROCHEMICALS	81	120	0	-	60	100.0%
PETROCHEMICALS	8I	5,324	6,825	-22.0%	5,156	3.3%
PETROCHEMICALS	91	903	1,267	-28.7%	876	3.1%
PETROCHEMICALS	MAA	20	80	-75.0%	30	-33.3%
PETROCHEMICALS	MAE	1,873	2,964	-36.8%	1,904	-1.6%
PETROCHEMICALS	MAS	590	1,240	-52.4%	415	42.2%
PETROCHEMICALS	MBE	250	50	400.0%	30	733.3%
PETROCHEMICALS	MNB	0	498	-100.0%	0	-
PETROCHEMICALS	MPS	1,959	1,749	12.0%	1,904	2.9%
PETROCHEMICALS	PMF	10	0	-	2	400.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-
PETRO CRCKS & SPRDS NA	CRB	15,449	21,436	-27.9%	14,606	5.8%
PETRO CRCKS & SPRDS NA	EXR	471	1,549	-69.6%	454	3.7%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GBB	485	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GFC	0	330	-100.0%	0	-
PETRO CRCKS & SPRDS NA	HOB	100	3,347	-97.0%	196	-49.0%

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Energy Futures						
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	899	3,606	-75.1%	1,001	-10.2%
PETRO CRCKS & SPRDS NA	RVG	7,395	5,516	34.1%	7,381	0.2%
PETRO CRK&SPRD EURO	1NB	532	255	108.6%	648	-17.9%
PETRO CRK&SPRD EURO	43	0	96	-100.0%	0	-
PETRO CRK&SPRD EURO	BOB	174	711	-75.5%	124	40.3%
PETRO CRK&SPRD EURO	EOB	0	15	-100.0%	0	-
PETRO CRK&SPRD EURO	EPN	779	1,303	-40.2%	892	-12.7%
PETRO CRK&SPRD EURO	EVC	40	380	-89.5%	40	0.0%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	203	451	-55.0%	259	-21.6%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-
PETROLEUM PRODUCTS	BEB	0	0	-	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	-
PETROLEUM PRODUCTS	CMS	400	320	25.0%	400	0.0%
PETROLEUM PRODUCTS	EWG	550	2,478	-77.8%	560	-1.8%
PETROLEUM PRODUCTS	H5F	395	0	-	410	-3.7%
PETROLEUM PRODUCTS	JCC	7,847	3,710	111.5%	8,352	-6.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-
PETROLEUM PRODUCTS	R5F	171	172	-0.6%	183	-6.6%
PETROLEUM PRODUCTS	S53	12	12	0.0%	12	0.0%
PETROLEUM PRODUCTS	UCS	0	0	-	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-
PETROLEUM PRODUCTS	VU	0	80	-100.0%	0	-
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	10	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	913	1,106	-17.5%	769	18.7%
PETRO OUTRIGHT EURO	OB	0	168	-100.0%	14	-100.0%
PETRO OUTRIGHT EURO	OC	0	0	-	0	-
PETRO OUTRIGHT EURO	OD	63	113	-44.2%	92	-31.5%
PETRO OUTRIGHT EURO	OE	0	0	-	0	-
PETRO OUTRIGHT EURO	OF	10	0	-	10	0.0%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-
PETRO OUTRIGHT EURO	5L	30	0	-	0	-
PETRO OUTRIGHT EURO	7I	0	60	-100.0%	0	-
PETRO OUTRIGHT EURO	7R	30	0	-	0	-
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	447	58	670.7%	370	20.8%
PETRO OUTRIGHT EURO	EFM	0	0	-	0	-
PETRO OUTRIGHT EURO	ENS	0	0	-	0	-
PETRO OUTRIGHT EURO	EWN	873	577	51.3%	924	-5.5%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTRIGHT EURO	H5G	0	0	-	0	-
PETRO OUTRIGHT EURO	JFB	0	0	-	0	-
PETRO OUTRIGHT EURO	M1B	1,648	3,102	-46.9%	1,288	28.0%
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTRIGHT EURO	MBN	1,743	996	75.0%	1,751	-0.5%
PETRO OUTRIGHT EURO	MEF	40	321	-87.5%	68	-41.2%
PETRO OUTRIGHT EURO	MQA	74	65	13.8%	40	85.0%

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Energy Futures						
PETRO OUTRIGHT EURO	R53	0	36	-100.0%	3	-100.0%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	3,687	4,958	-25.6%	3,503	5.3%
PETRO OUTRIGHT EURO	R5O	1,610	2,849	-43.5%	1,617	-0.4%
PETRO OUTRIGHT EURO	RBM	22	0	-	0	-
PETRO OUTRIGHT EURO	S5B	0	2	-100.0%	0	-
PETRO OUTRIGHT EURO	S5F	226	263	-14.1%	190	18.9%
PETRO OUTRIGHT EURO	S5M	2,955	4,070	-27.4%	2,822	4.7%
PETRO OUTRIGHT EURO	S5O	1,556	4,483	-65.3%	1,429	8.9%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-
PETRO OUTRIGHT EURO	SR5	114	0	-	92	23.9%
PETRO OUTRIGHT EURO	TLB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	100	0	-	100	0.0%
PETRO OUTRIGHT EURO	V0	0	66	-100.0%	0	-
PETRO OUTRIGHT NA	A8B	0	40	-100.0%	0	-
PETRO OUTRIGHT NA	AB6	205	275	-25.5%	100	105.0%
PETRO OUTRIGHT NA	BCR	1,550	3,090	-49.8%	3,100	-50.0%
PETRO OUTRIGHT NA	FCB	0	0	-	0	-
PETRO OUTRIGHT NA	JE	0	60	-100.0%	10	-100.0%
PETRO OUTRIGHT NA	JET	550	1,175	-53.2%	750	-26.7%
PETRO OUTRIGHT NA	JTB	75	0	-	0	-
PETRO OUTRIGHT NA	MBL	345	325	6.2%	385	-10.4%
PETRO OUTRIGHT NA	MEN	10	140	-92.9%	20	-50.0%
PETRO OUTRIGHT NA	MEO	274	442	-38.0%	298	-8.1%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	0	21,360	-100.0%	0	-
PJM AD HUB 5MW REAL TIME	Z9	0	1,170	-100.0%	0	-
PJM DAILY	JD	126	284	-55.6%	284	-55.6%
PJM NI HUB 5MW REAL TIME	B3	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	B6	0	0	-	0	-
PJM WESTH RT OFF-PEAK	N9	0	192,240	-100.0%	0	-
PJM WESTH RT PEAK	L1	14,679	39,070	-62.4%	16,002	-8.3%
PLASTICS	PGP	4,242	3,700	14.6%	4,064	4.4%
PREMIUM UNLD 10P FOB MED	3G	0	180	-100.0%	17	-100.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	835	1,509	-44.7%	1,575	-47.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	38,384	49,471	-22.4%	39,497	-2.8%
RBOB CALENDAR SWAP	RL	14,774	12,937	14.2%	13,531	9.2%
RBOB CRACK SPREAD	RM	4,670	15,081	-69.0%	6,016	-22.4%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	1,545	2,374	-34.9%	302	411.6%
RBOB PHY	MRB	0	0	-	0	-
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	330	315	4.8%	325	1.5%
SINGAPORE 180CST BALMO	BS	3	0	-	0	-
SINGAPORE 380CST BALMO	BT	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	SE	204	492	-58.5%	106	92.5%
SINGAPORE FUEL 180CST CAL	UA	9	0	-	9	0.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	SD	120	0	-	102	17.6%
SINGAPORE GASOIL	MAF	167	451	-63.0%	142	17.6%
SINGAPORE GASOIL	MTB	0	0	-	0	-

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Energy Futures						
SINGAPORE GASOIL	MTS	430	786	-45.3%	446	-3.6%
SINGAPORE GASOIL	SBM	0	42	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	MSG	27	600	-95.5%	101	-73.3%
SINGAPORE GASOIL SWAP	SG	615	1,209	-49.1%	154	299.4%
SINGAPORE GASOIL VS ICE	GA	2,349	5,419	-56.7%	2,641	-11.1%
SINGAPORE JET KERO GASOIL	RK	2,106	3,933	-46.5%	2,305	-8.6%
SINGAPORE JET KEROSENE SW	KS	0	685	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	75	1,742	-95.7%	50	50.0%
TC2 ROTTERDAM TO USAC 37K	TM	150	249	-39.8%	150	0.0%
TC5 RAS TANURA TO YOKOHAM	TH	120	300	-60.0%	153	-21.6%
TD3 MEG TO JAPAN 250K MT	TL	2,040	5,241	-61.1%	2,040	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	7,314	6,515	12.3%	4,115	77.7%
UP DOWN GC ULSD VS NMX HO	LT	27,917	46,916	-40.5%	24,924	12.0%
WTI-BRENT CALENDAR SWAP	BK	106,617	98,188	8.6%	108,235	-1.5%
WTI CALENDAR	CS	154,980	164,386	-5.7%	152,064	1.9%
WTI MIDLAND CRUDE OIL	WTL	500	200	150.0%	550	-9.1%
WTS (ARGUS) VS WTI SWAP	FF	14,982	36,387	-58.8%	17,907	-16.3%
WTS (ARGUS) VS WTI TRD MT	FH	2,085	8,350	-75.0%	2,335	-10.7%
Energy Options						
BRENT CALENDAR SWAP	BA	2,404	3,081	-22.0%	2,433	-1.2%
BRENT CRUDE OIL 1 M CSO	9C	24,450	85,300	-71.3%	25,750	-5.0%
BRENT OIL LAST DAY	BE	27,920	46,456	-39.9%	28,420	-1.8%
BRENT OIL LAST DAY	BZO	21,265	75,446	-71.8%	21,820	-2.5%
COAL API2 INDEX	F2C	115	105	9.5%	100	15.0%
COAL API2 INDEX	F2Q	0	75	-100.0%	0	-
CRUDE OIL	6Y	0	0	-	0	-
CRUDE OIL 1MO	WA	152,075	276,612	-45.0%	124,150	22.5%
CRUDE OIL APO	AO	153,177	280,906	-45.5%	145,802	5.1%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-
CRUDE OIL OUTRIGHTS	ECCL	0	0	-	0	0.0%
CRUDE OIL PHY	LC	29,831	55,333	-46.1%	42,107	-29.2%
CRUDE OIL PHY	LO	2,160,825	2,206,749	-2.1%	2,305,600	-6.3%
CRUDE OIL PHY	LO1	18,986	10,483	81.1%	9,495	100.0%
CRUDE OIL PHY	LO2	3,361	681	393.5%	1,187	183.2%
CRUDE OIL PHY	LO3	568	27	2,003.7%	37	1,435.1%
CRUDE OIL PHY	LO4	86	0	0.0%	0	-
CRUDE OIL PHY	LO5	0	0	-	0	0.0%
CRUDE OIL PHY	MCO	8,288	0	-	4,901	69.1%
CRUDE OIL PHY	MW1	375	0	-	130	188.5%
CRUDE OIL PHY	MW2	15	0	-	0	-
CRUDE OIL PHY	MW3	0	0	-	0	-
CRUDE OIL PHY	MW4	0	0	-	0	-
CRUDE OIL PHY	MW5	0	0	-	0	0.0%
ELEC FINSETTLED	PJN	0	43	-100.0%	0	-
ETHANOL SWAP	CVR	3,409	7,331	-53.5%	2,418	41.0%
ETHANOL SWAP	GVR	0	0	-	0	-
FREIGHT MARKETS	FLO	0	0	-	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	3,050	-100.0%	0	0.0%
HEATING OIL PHY	FZ	0	0	-	0	-

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Energy Options						
HEATING OIL PHY	LB	0	1,361	-100.0%	0	-
HEATING OIL PHY	OH	13,753	24,716	-44.4%	12,587	9.3%
HENRY HUB FINANCIAL LAST	E7	34,420	30,778	11.8%	28,877	19.2%
HENRY HUB FINANCIAL LAST	ECNG	0	0	-	0	0.0%
HO 1 MONTH CLNDR OPTIONS	FA	1,125	200	462.5%	1,725	-34.8%
LLS CRUDE OIL	HTO	1,000	1,200	-16.7%	1,100	-9.1%
LLS CRUDE OIL	WTO	5,550	1,500	270.0%	4,125	34.5%
MCCLOSKEY ARA ARGS COAL	MTO	0	240	-100.0%	20	-100.0%
NATURAL GAS	LN1	0	0	-	0	-
NATURAL GAS	LN2	0	0	-	0	-
NATURAL GAS	LN3	0	0	0.0%	0	-
NATURAL GAS	LN4	0	0	0.0%	0	-
NATURAL GAS	LN5	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	100,121	176,653	-43.3%	99,667	0.5%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	0	-
NATURAL GAS 3 M CSO FIN	G3	7,325	17,250	-57.5%	3,550	106.3%
NATURAL GAS 5 M CSO FIN	G5	2,000	8,081	-75.3%	2,000	0.0%
NATURAL GAS 6 M CSO FIN	G6	34,275	41,450	-17.3%	23,875	43.6%
NATURAL GAS OPT	JFO	150	0	-	150	0.0%
NATURAL GAS OPT	JKO	750	5,805	-87.1%	850	-11.8%
NATURAL GAS OPT	TFO	0	10,930	-100.0%	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	224	7,784	-97.1%	224	0.0%
NATURAL GAS PHY	KD	0	0	0.0%	0	-
NATURAL GAS PHY	LN	3,028,031	2,331,423	29.9%	2,879,802	5.1%
NATURAL GAS PHY	ON	39,652	65,936	-39.9%	31,694	25.1%
NATURAL GAS PHY	ON3	0	0	-	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-
NY HARBOR HEAT OIL SWP	AT	7,333	7,503	-2.3%	7,669	-4.4%
PETROCHEMICALS	4H	3,641	8,037	-54.7%	3,895	-6.5%
PETROCHEMICALS	4J	0	680	-100.0%	0	-
PETROCHEMICALS	4K	0	0	-	0	-
PETROCHEMICALS	CPR	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-
PETRO OUTRIGHT NA	DAP	60	1,425	-95.8%	185	-67.6%
PJM WES HUB PEAK CAL MTH	6OA	0	180	-100.0%	0	-
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	212	117	81.2%	250	-15.2%
RBOB PHY	OB	3,573	7,986	-55.3%	3,475	2.8%
RBOB PHY	RF	0	0	-	0	-
SHORT TERM	U11	0	0	-	0	-
SHORT TERM	U12	0	0	-	0	-
SHORT TERM	U13	0	0	-	0	-
SHORT TERM	U14	0	0	-	0	-
SHORT TERM	U15	0	0	-	0	-
SHORT TERM	U22	0	0	-	0	-
SHORT TERM	U23	0	0	-	0	-
SHORT TERM	U24	0	0	-	0	-
SHORT TERM	U25	0	0	-	0	-
SHORT TERM	U26	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	50	0	-	0	-
SHORT TERM NATURAL GAS	U02	0	0	-	0	-

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Energy Options						
SHORT TERM NATURAL GAS	U03	0	0	-	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-
SHORT TERM NATURAL GAS	U05	0	0	-	0	-
SHORT TERM NATURAL GAS	U06	0	0	-	0	-
SHORT TERM NATURAL GAS	U07	0	0	-	0	-
SHORT TERM NATURAL GAS	U08	0	0	-	0	-
SHORT TERM NATURAL GAS	U09	0	0	-	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-
SHORT TERM NATURAL GAS	U16	0	0	-	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-
SHORT TERM NATURAL GAS	U18	0	0	-	0	-
SHORT TERM NATURAL GAS	U19	0	0	-	0	-
SHORT TERM NATURAL GAS	U20	0	0	-	0	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-
SHORT TERM NATURAL GAS	U27	0	0	-	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	-
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	-
WTI-BRENT BULLET SWAP	BV	139,225	192,925	-27.8%	146,125	-4.7%
WTI CRUDE OIL 1 M CSO FI	7A	142,300	30,950	359.8%	150,425	-5.4%
Metals Futures						
COMEX GOLD	GC	471,642	522,502	-9.7%	442,412	6.6%
NYMEX HOT ROLLED STEEL	HR	23,138	38,213	-39.4%	21,916	5.6%
NYMEX PLATINUM	PL	69,121	52,932	30.6%	67,817	1.9%
PALLADIUM	PA	11,245	7,875	42.8%	8,314	35.3%
URANIUM	UX	800	800	0.0%	800	0.0%
COMEX SILVER	SI	138,263	150,633	-8.2%	129,798	6.5%
COMEX E-Mini GOLD	QO	1,079	1,588	-32.1%	1,204	-10.4%
COMEX E-Mini SILVER	QI	348	493	-29.4%	337	3.3%
COMEX COPPER	HG	224,824	198,851	13.1%	161,634	39.1%
COMEX MINY COPPER	QC	399	414	-3.6%	297	34.3%
ALUMINUM	A38	0	0	-	0	-
ALUMINUM	AEP	7,148	8,608	-17.0%	8,439	-15.3%
ALUMINUM	ALA	780	825	-5.5%	775	0.6%
ALUMINUM	ALI	2,001	247	710.1%	1,174	70.4%
ALUMINUM	AUP	29,774	24,648	20.8%	28,910	3.0%
ALUMINUM	EDP	19,621	16,935	15.9%	20,625	-4.9%
ALUMINUM	MJP	910	5,124	-82.2%	1,317	-30.9%
COBALT METAL FUTURES	COB	16,970	1,594	964.6%	12,773	32.9%
COPPER	HGS	16,848	16,187	4.1%	15,336	9.9%
COPPER	MHG	2,911	0	-	1,329	119.0%
FERROUS PRODUCTS	BUS	6,793	6,498	4.5%	8,011	-15.2%
FERROUS PRODUCTS	FSF	12	0	-	0	-
GOLD	4GC	0	0	-	0	-
GOLD	SGC	361	316	14.2%	518	-30.3%
GOLD	SGU	358	626	-42.8%	488	-26.6%
HOT ROLLED COIL STEEL FUTURES	EHR	6,644	1,651	302.4%	7,125	-6.8%
IRON ORE CHINA	TIO	1,088	2,718	-60.0%	1,419	-23.3%
METALS	HDG	25	0	-	55	-54.5%

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Metals Futures						
METALS	LTH	476	3	15,766.7%	429	11.0%
METALS	PAC	0	100	-100.0%	0	-
MICRO GOLD	MGC	22,736	22,722	0.1%	20,190	12.6%
SILVER	SIL	7,335	6,392	14.8%	5,650	29.8%
Metals Options						
ALUMINUM	ALO	0	1,050	-100.0%	0	-
ALUMINUM	AX	378	0	-	240	57.5%
COMEX COPPER	HX	127,652	37,902	236.8%	82,599	54.5%
COMEX GOLD	ECGC	0	0	-	0	0.0%
COMEX GOLD	OG	665,990	651,857	2.2%	566,610	17.5%
COMEX SILVER	ECSI	0	0	-	0	0.0%
COMEX SILVER	SO	103,327	96,208	7.4%	83,271	24.1%
COPPER	ECHG	0	0	-	0	0.0%
COPPER	H1E	234	39	500.0%	434	-46.1%
COPPER	H1M	126	0	-	9	1,300.0%
COPPER	H1W	165	0	-	49	236.7%
COPPER	H2E	43	18	138.9%	130	-66.9%
COPPER	H2M	103	0	-	334	-69.2%
COPPER	H2W	59	0	-	30	96.7%
COPPER	H3E	25	0	-	26	-3.8%
COPPER	H3M	0	0	-	0	-
COPPER	H3W	16	0	-	13	23.1%
COPPER	H4E	2	0	0.0%	0	-
COPPER	H4M	82	0	-	105	-21.9%
COPPER	H4W	26	0	-	0	-
COPPER	H5E	0	0	-	0	0.0%
COPPER	H5M	0	0	-	84	-100.0%
COPPER	H5W	0	0	-	0	-
GOLD	G1M	3,368	0	-	297	1,034.0%
GOLD	G1W	4,880	0	-	5,815	-16.1%
GOLD	G2M	1,661	0	-	2,355	-29.5%
GOLD	G2W	934	0	-	706	32.3%
GOLD	G3M	0	0	-	0	-
GOLD	G3W	305	0	-	71	329.6%
GOLD	G4M	699	0	-	1,191	-41.3%
GOLD	G4W	72	0	-	8	800.0%
GOLD	G5M	0	0	-	1,035	-100.0%
GOLD	G5W	0	0	-	0	-
GOLD	OG1	18,277	12,615	44.9%	10,712	70.6%
GOLD	OG2	4,869	4,972	-2.1%	5,840	-16.6%
GOLD	OG3	2,461	2,158	14.0%	490	402.2%
GOLD	OG4	34	6	466.7%	0	-
GOLD	OG5	0	0	-	0	0.0%
IRON ORE CHINA	ICT	0	150	-100.0%	100	-100.0%
NYMEX HOT ROLLED STEEL	HRO	7,865	2,830	177.9%	5,550	41.7%
NYMEX PLATINUM	PO	3,020	16,703	-81.9%	1,580	91.1%
PALLADIUM	PAO	516	331	55.9%	96	437.5%
SILVER	M1S	962	0	-	19	4,963.2%
SILVER	M2S	168	0	-	434	-61.3%
SILVER	M3S	0	0	-	0	-
SILVER	M4S	12	0	-	143	-91.6%
SILVER	M5S	0	0	-	39	-100.0%

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	Commodity	Open Interest JAN 2023	Open Interest JAN 2022	% CHG	Open Interest DEC 2022	% CHG
Metals Options						
SILVER	SO1	2,974	1,848	60.9%	3,221	-7.7%
SILVER	SO2	1,438	1,049	37.1%	926	55.3%
SILVER	SO3	506	175	189.1%	261	93.9%
SILVER	SO4	21	1	2,000.0%	0	-
SILVER	SO5	0	0	-	0	0.0%
SILVER	W1S	1,014	0	-	658	54.1%
SILVER	W2S	458	0	-	153	199.3%
SILVER	W3S	92	0	-	18	411.1%
SILVER	W4S	3	0	-	0	-
SILVER	W5S	0	0	-	0	-
TOTAL FUTURES GROUP						
Ag Products Futures		0	0	-	0	-
Energy Futures		6,172,433	7,274,887	-15.2%	5,591,228	10.4%
Metals Futures		1,083,650	1,089,495	-0.5%	969,092	11.8%
TOTAL FUTURES		7,256,083	8,364,382	-13.3%	6,560,320	10.6%
TOTAL OPTIONS GROUP						
Energy Options		6,171,920	6,026,788	2.4%	6,116,620	0.9%
Metals Options		954,837	829,912	15.1%	775,652	23.1%
TOTAL OPTIONS		7,126,757	6,856,700	3.9%	6,892,272	3.4%
TOTAL COMBINED						
Ag Products		0	0	-	0	-
Energy		12,344,353	13,301,675	-7.2%	11,707,848	5.4%
Metals		2,038,487	1,919,407	6.2%	1,744,744	16.8%
GRAND TOTAL		14,382,840	15,221,082	-5.5%	13,452,592	6.9%