

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest FEB 2023	Open Interest FEB 2022	% CHG	Open Interest JAN 2023	% CHG
Ag Products Futures						
COFFEE	KT	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	1,750,212	2,093,222	-16.4%	1,726,378	1.4%
CRUDE OIL	WS	0	8	-100.0%	0	-
MINY WTI CRUDE OIL	QM	3,876	4,352	-10.9%	3,094	25.3%
BRENT OIL LAST DAY	BZ	151,381	218,613	-30.8%	156,929	-3.5%
HEATING OIL PHY	HO	246,341	296,041	-16.8%	265,444	-7.2%
HTG OIL	BH	81	85	-4.7%	90	-10.0%
MINY HTG OIL	QH	1	1	0.0%	0	0.0%
RBOB PHY	RB	300,224	376,792	-20.3%	313,712	-4.3%
MINY RBOB GAS	QU	4	1	300.0%	5	-20.0%
NATURAL GAS	HP	193,776	165,948	16.8%	194,837	-0.5%
LTD NAT GAS	HH	377,682	462,290	-18.3%	375,145	0.7%
MINY NATURAL GAS	QG	12,642	3,602	251.0%	15,976	-20.9%
NATURAL GAS PHY	NG	1,239,613	1,114,582	11.2%	1,146,709	8.1%
RBOB GAS	RT	54	63	-14.3%	60	-10.0%
AEP-DAYTON HUB DAILY	VD	0	10	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	E5	4,180	9,385	-55.5%	4,330	-3.5%
ARGUS PROPAN FAR EST INDE	7E	5,793	5,068	14.3%	6,162	-6.0%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,237	2,001	11.8%	2,202	1.6%
BRENT BALMO SWAP	J9	0	0	-	0	-
BRENT CALENDAR SWAP	CY	35,461	18,006	96.9%	34,746	2.1%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-
BRENT FINANCIAL FUTURES	MBC	210	0	-	260	-19.2%
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	15,180	3,357	352.2%	12,673	19.8%
CAR VINTAGE	NGO	12,646	14,427	-12.3%	13,309	-5.0%
CHICAGO ETHANOL SWAP	CU	34,108	32,881	3.7%	27,211	25.3%
CHICAGO ULSD PL VS HO SPR	5C	2,355	1,023	130.2%	1,260	86.9%
CHICAGO UNL GAS PL VS RBO	3C	0	75	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	475	1,907	-75.1%	562	-15.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	422	814	-48.2%	1,008	-58.1%
CONWAY PROPANE 5 DECIMALS SWAP	8K	24,360	18,910	28.8%	26,513	-8.1%
CRUDE OIL	LPS	0	0	-	0	-
CRUDE OIL LAST DAY	26	2,700	0	-	3,000	-10.0%
CRUDE OIL OUTRIGHTS	42	201	1,574	-87.2%	206	-2.4%
CRUDE OIL OUTRIGHTS	CC5	0	2,034	-100.0%	55	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	720	-100.0%	0	-
CRUDE OIL OUTRIGHTS	GSW	0	1,350	-100.0%	0	-
CRUDE OIL OUTRIGHTS	HTT	201,632	150,029	34.4%	162,559	24.0%
CRUDE OIL OUTRIGHTS	LSW	0	2,877	-100.0%	100	-100.0%
CRUDE OIL OUTRIGHTS	WCW	0	9,910	-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	14,850	9,244	60.6%	41,038	-63.8%
CRUDE OIL SPRDS	ANT	1,450	2,500	-42.0%	1,290	12.4%
CRUDE OIL SPRDS	HIL	0	9,020	-100.0%	0	-
CRUDE OIL SPRDS	WTT	191,691	116,902	64.0%	155,438	23.3%

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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%	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%	0	-
DAILY PJM	ZAO	0	-	0	-
DAILY PJM	ZGO	0	-	0	-
DAILY PJM	ZJO	0	-	0	-
DATED TO FRONTLINE BRENT	FY	2,035	-7.3%	2,220	-8.3%
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	2,641	-65.8%	2,847	-7.2%
EAST/WEST FUEL OIL SPREAD	EW	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	A5	1,611	13.7%	1,711	-5.8%
ELEC FINSETTLED	47	0	-	0	-
ELECTRICITY OFF PEAK	46	0	-	0	-
EMMISSIONS	CGO	61	-	93	-34.4%
ETHANOL	MTH	0	0.0%	0	-
ETHANOL SWAP	MT2	815	18.1%	830	-1.8%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	6,224	-10.7%	5,828	6.8%
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	330	-71.6%	360	-8.3%
EUROPE 1% FUEL OIL NWE CA	UF	0	-100.0%	0	-
EUROPE 3.5% FUEL OIL RDM	UI	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	128	-36.9%	85	50.6%
EUROPEAN GASOIL (ICE)	7F	1,157	-60.7%	1,449	-20.2%
EUROPEAN NAPHTHA BALMO	KZ	18	-48.6%	10	80.0%
EUROPEAN NAPHTHA CRACK SPR	EN	1,874	-80.6%	1,752	7.0%
EUROPE DATED BRENT SWAP	UB	0	-100.0%	0	-
EUROPE JET KERO NWE CALSW	UJ	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	945	-31.1%	881	7.3%
EURO PROPANE CIF ARA SWA	PS	2,927	2.3%	2,768	5.7%
FREIGHT MARKETS	BF2	0	-	0	-
FREIGHT MARKETS	BL2	265	65.6%	405	-34.6%
FREIGHT MARKETS	CS3	0	-	0	-
FREIGHT MARKETS	CS4	110	-	120	-8.3%
FREIGHT MARKETS	FLJ	10	-	10	0.0%
FREIGHT MARKETS	FLP	48	-65.5%	59	-18.6%
FREIGHT MARKETS	FRC	0	-100.0%	0	-
FREIGHT MARKETS	T2D	90	-80.4%	93	-3.2%
FREIGHT MARKETS	T8C	0	-	0	-
FREIGHT MARKETS	TC6	0	-100.0%	0	-
FREIGHT MARKETS	TD3	0	-	0	-
FREIGHT MARKETS	USE	0	-	0	-
FUEL OIL CRACK VS ICE	FO	36	-97.3%	39	-7.7%
FUEL OIL NWE CRACK VS ICE	FI	0	-100.0%	0	-

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Energy Futures						
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-
GAS EURO-BOB OXY NWE BARGES	7H	181	872	-79.2%	185	-2.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	3,008	13,650	-78.0%	3,554	-15.4%
GASOIL 0.1CIF MED VS ICE	Z5	0	55	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	0	74	-100.0%	10	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	12	0	-	12	0.0%
GASOIL CALENDAR SWAP	GX	79	575	-86.3%	108	-26.9%
GASOIL CRACK SPREAD CALEN	GZ	90	4,475	-98.0%	108	-16.7%
GASOIL MINI CALENDAR SWAP	QA	469	1,098	-57.3%	420	11.7%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	0	198	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	A6	7,993	6,700	19.3%	7,463	7.1%
GRP THREE UNL GS (PLT) VS	A8	5,745	5,485	4.7%	5,345	7.5%
GULF COAST 3% FUEL OIL BA	VZ	0	250	-100.0%	0	-
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-
GULF COAST JET VS NYM 2 H	ME	11,205	16,844	-33.5%	10,775	4.0%
GULF COAST NO.6 FUEL OIL	MF	6,950	3,358	107.0%	6,482	7.2%
GULF COAST NO.6 FUEL OIL	MG	12,151	9,315	30.4%	10,711	13.4%
GULF COAST ULSD CALENDAR	LY	1,712	1,331	28.6%	1,837	-6.8%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-
HEATING OIL BALMO CLNDR S	1G	89	441	-79.8%	739	-88.0%
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	-	0	-
HENRY HUB SWAP	NN	433,543	575,008	-24.6%	436,516	-0.7%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-
ICE BRENT DUBAI SWAP	DB	100	2,282	-95.6%	120	-16.7%
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%	0	-
JAPAN C&F NAPHTHA SWAP	JA	401	240	67.1%	363	10.5%
JAPAN NAPHTHA BALMO SWAP	E6	8	0	-	4	100.0%
JET CIF NWE VS ICE	JC	720	1,145	-37.1%	654	10.1%
JET FUEL UP-DOWN BALMO CL	1M	1,738	3,533	-50.8%	1,186	46.5%
JKM LNG Futures	JKM	600	1,830	-67.2%	681	-11.9%
LA CARB DIESEL (OPIS) SWA	KL	950	996	-4.6%	854	11.2%
LA CARBOB GASOLINE(OPIS)S	JL	150	0	-	150	0.0%
LA JET (OPIS) SWAP	JS	1,100	1,480	-25.7%	975	12.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	1,062	2,861	-62.9%	1,504	-29.4%
MARS (ARGUS) VS WTI SWAP	YX	0	1,000	-100.0%	0	-
MARS (ARGUS) VS WTI TRD M	YV	23,644	25,635	-7.8%	17,630	34.1%
MCCLOSKEY ARA ARGS COAL	MTF	6,493	15,308	-57.6%	6,845	-5.1%
MCCLOSKEY RCH BAY COAL	MFF	116	1,149	-89.9%	136	-14.7%
MGN1 SWAP FUT	MGN	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	10	23	-56.5%	10	0.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	398	618	-35.6%	463	-14.0%
MJC FUT	MJC	0	0	-	0	-
MNC FUT	MNC	1,888	2,444	-22.7%	2,398	-21.3%

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Energy Futures						
MONT BELVIEU ETHANE 5 DECIMAL	C0	53,986	50,314	7.3%	51,687	4.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	515	1,200	-57.1%	1,915	-73.1%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	155,027	134,669	15.1%	148,068	4.7%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,755	4,513	-61.1%	1,774	-1.1%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	36,702	35,931	2.1%	38,383	-4.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	870	330	163.6%	1,393	-37.5%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	46,400	49,516	-6.3%	45,735	1.5%
MONT BELVIEU NORMAL BUTANE BALMO	8J	352	1,546	-77.2%	1,270	-72.3%
NATURAL GAS	NWM	0	0	-	0	-
NATURAL GAS PEN SWP	NP	151,386	197,567	-23.4%	162,771	-7.0%
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	980	1,995	-50.9%	645	51.9%
NEW YORK HUB ZONE G PEAK	GN	0	850	-100.0%	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	8,825	7,219	22.2%	9,014	-2.1%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	550	-100.0%	0	-
NY HARBOR RESIDUAL FUEL 1	MM	325	500	-35.0%	305	6.6%
NYH NO 2 CRACK SPREAD CAL	HK	7,529	10,280	-26.8%	5,575	35.0%
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	4,775	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	2,516	1,025	145.5%	2,824	-10.9%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-
PETROCHEMICALS	22	221	179	23.5%	351	-37.0%
PETROCHEMICALS	32	202	26	676.9%	89	127.0%
PETROCHEMICALS	3NA	27	47	-42.6%	36	-25.0%
PETROCHEMICALS	51	0	0	-	0	-
PETROCHEMICALS	81	115	0	-	120	-4.2%
PETROCHEMICALS	8I	5,108	6,478	-21.1%	5,324	-4.1%
PETROCHEMICALS	91	857	1,153	-25.7%	903	-5.1%
PETROCHEMICALS	MAA	20	120	-83.3%	20	0.0%
PETROCHEMICALS	MAE	1,987	3,021	-34.2%	1,873	6.1%
PETROCHEMICALS	MAS	718	1,265	-43.2%	590	21.7%
PETROCHEMICALS	MBE	150	70	114.3%	250	-40.0%
PETROCHEMICALS	MNB	0	269	-100.0%	0	-
PETROCHEMICALS	MPS	2,108	1,424	48.0%	1,959	7.6%
PETROCHEMICALS	PMF	10	0	-	10	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-
PETRO CRCKS & SPRDS NA	CRB	15,864	20,249	-21.7%	15,449	2.7%
PETRO CRCKS & SPRDS NA	EXR	427	1,466	-70.9%	471	-9.3%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GBB	0	0	-	485	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GFC	0	300	-100.0%	0	-
PETRO CRCKS & SPRDS NA	HOB	100	2,846	-96.5%	100	0.0%

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Energy Futures						
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	1,059	3,571	-70.3%	899	17.8%
PETRO CRCKS & SPRDS NA	RVG	8,377	6,150	36.2%	7,395	13.3%
PETRO CRK&SPRD EURO	1NB	532	255	108.6%	532	0.0%
PETRO CRK&SPRD EURO	43	75	0	-	0	-
PETRO CRK&SPRD EURO	BOB	201	634	-68.3%	174	15.5%
PETRO CRK&SPRD EURO	EOB	0	15	-100.0%	0	-
PETRO CRK&SPRD EURO	EPN	671	1,149	-41.6%	779	-13.9%
PETRO CRK&SPRD EURO	EVC	20	475	-95.8%	40	-50.0%
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	207	426	-51.4%	203	2.0%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-
PETROLEUM PRODUCTS	BEB	0	0	-	0	-
PETROLEUM PRODUCTS	BEF	0	2	-100.0%	0	-
PETROLEUM PRODUCTS	CMS	200	310	-35.5%	400	-50.0%
PETROLEUM PRODUCTS	EWG	400	2,926	-86.3%	550	-27.3%
PETROLEUM PRODUCTS	H5F	310	0	-	395	-21.5%
PETROLEUM PRODUCTS	JCC	7,751	3,828	102.5%	7,847	-1.2%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-
PETROLEUM PRODUCTS	R5F	148	203	-27.1%	171	-13.5%
PETROLEUM PRODUCTS	S53	11	12	-8.3%	12	-8.3%
PETROLEUM PRODUCTS	UCS	0	0	-	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-
PETROLEUM PRODUCTS	VU	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	MJN	722	1,400	-48.4%	913	-20.9%
PETRO OUTFRIGHT EURO	OB	0	154	-100.0%	0	-
PETRO OUTFRIGHT EURO	OC	0	0	-	0	-
PETRO OUTFRIGHT EURO	OD	98	128	-23.4%	63	55.6%
PETRO OUTFRIGHT EURO	OE	0	0	-	0	-
PETRO OUTFRIGHT EURO	OF	0	0	-	10	-100.0%
PETRO OUTFRIGHT EURO	1T	0	0	-	0	-
PETRO OUTFRIGHT EURO	5L	0	0	-	30	-100.0%
PETRO OUTFRIGHT EURO	7I	75	75	0.0%	0	-
PETRO OUTFRIGHT EURO	7R	0	0	-	30	-100.0%
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CPB	111	419	-73.5%	447	-75.2%
PETRO OUTFRIGHT EURO	EFM	0	0	-	0	-
PETRO OUTFRIGHT EURO	ENS	0	0	-	0	-
PETRO OUTFRIGHT EURO	EWN	829	586	41.5%	873	-5.0%
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTFRIGHT EURO	H5G	0	0	-	0	-
PETRO OUTFRIGHT EURO	JFB	0	0	-	0	-
PETRO OUTFRIGHT EURO	M1B	1,906	3,648	-47.8%	1,648	15.7%
PETRO OUTFRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	MBN	1,659	1,656	0.2%	1,743	-4.8%
PETRO OUTFRIGHT EURO	MEF	40	255	-84.3%	40	0.0%
PETRO OUTFRIGHT EURO	MQA	160	51	213.7%	74	116.2%

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Energy Futures						
PETRO OUTRIGHT EURO	R53	0	33	-100.0%	0	-
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	3,389	4,903	-30.9%	3,687	-8.1%
PETRO OUTRIGHT EURO	R5O	1,758	3,302	-46.8%	1,610	9.2%
PETRO OUTRIGHT EURO	RBM	21	25	-16.0%	22	-4.5%
PETRO OUTRIGHT EURO	S5B	0	3	-100.0%	0	-
PETRO OUTRIGHT EURO	S5F	356	285	24.9%	226	57.5%
PETRO OUTRIGHT EURO	S5M	3,174	4,150	-23.5%	2,955	7.4%
PETRO OUTRIGHT EURO	S5O	1,254	5,435	-76.9%	1,556	-19.4%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-
PETRO OUTRIGHT EURO	SR5	110	0	-	114	-3.5%
PETRO OUTRIGHT EURO	TLB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	100	-100.0%
PETRO OUTRIGHT EURO	V0	0	0	-	0	-
PETRO OUTRIGHT NA	A8B	100	25	300.0%	0	-
PETRO OUTRIGHT NA	AB6	75	0	-	205	-63.4%
PETRO OUTRIGHT NA	BCR	450	8,150	-94.5%	1,550	-71.0%
PETRO OUTRIGHT NA	FCB	0	0	-	0	-
PETRO OUTRIGHT NA	JE	0	50	-100.0%	0	-
PETRO OUTRIGHT NA	JET	675	1,500	-55.0%	550	22.7%
PETRO OUTRIGHT NA	JTB	0	441	-100.0%	75	-100.0%
PETRO OUTRIGHT NA	MBL	310	380	-18.4%	345	-10.1%
PETRO OUTRIGHT NA	MEN	45	106	-57.5%	10	350.0%
PETRO OUTRIGHT NA	MEO	249	401	-37.9%	274	-9.1%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	0	19,600	-100.0%	0	-
PJM AD HUB 5MW REAL TIME	Z9	0	1,070	-100.0%	0	-
PJM DAILY	JD	126	284	-55.6%	126	0.0%
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	176,400	-100.0%	0	-
PJM WESTH RT PEAK	L1	13,419	36,230	-63.0%	14,679	-8.6%
PLASTICS	PGP	4,003	3,306	21.1%	4,242	-5.6%
PREMIUM UNLD 10P FOB MED	3G	0	165	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,047	1,792	-41.6%	835	25.4%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	41,154	49,088	-16.2%	38,384	7.2%
RBOB CALENDAR SWAP	RL	14,207	13,342	6.5%	14,774	-3.8%
RBOB CRACK SPREAD	RM	4,650	15,710	-70.4%	4,670	-0.4%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	314	717	-56.2%	1,545	-79.7%
RBOB PHY	MRB	5	0	-	0	-
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	305	315	-3.2%	330	-7.6%
SINGAPORE 180CST BALMO	BS	0	0	-	3	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	SE	257	536	-52.1%	204	26.0%
SINGAPORE FUEL 180CST CAL	UA	8	0	-	9	-11.1%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	SD	107	0	-	120	-10.8%
SINGAPORE GASOIL	MAF	34	423	-92.0%	167	-79.6%
SINGAPORE GASOIL	MTB	0	20	-100.0%	0	-

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Energy Futures						
SINGAPORE GASOIL	MTS	408	687	-40.6%	430	-5.1%
SINGAPORE GASOIL	SBM	0	70	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	MSG	55	448	-87.7%	27	103.7%
SINGAPORE GASOIL SWAP	SG	800	1,050	-23.8%	615	30.1%
SINGAPORE GASOIL VS ICE	GA	2,148	5,954	-63.9%	2,349	-8.6%
SINGAPORE JET KERO GASOIL	RK	1,899	4,393	-56.8%	2,106	-9.8%
SINGAPORE JET KEROSENE SW	KS	0	480	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	25	1,271	-98.0%	75	-66.7%
TC2 ROTTERDAM TO USAC 37K	TM	100	258	-61.2%	150	-33.3%
TC5 RAS TANURA TO YOKOHAM	TH	110	275	-60.0%	120	-8.3%
TD3 MEG TO JAPAN 250K MT	TL	1,975	5,480	-64.0%	2,040	-3.2%
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	4,450	10,537	-57.8%	7,314	-39.2%
UP DOWN GC ULSD VS NMX HO	LT	28,175	42,191	-33.2%	27,917	0.9%
WTI-BRENT CALENDAR SWAP	BK	107,248	101,583	5.6%	106,617	0.6%
WTI CALENDAR	CS	147,885	159,955	-7.5%	154,980	-4.6%
WTI MIDLAND CRUDE OIL	WTL	500	200	150.0%	500	0.0%
WTS (ARGUS) VS WTI SWAP	FF	16,497	34,736	-52.5%	14,982	10.1%
WTS (ARGUS) VS WTI TRD MT	FH	2,085	9,250	-77.5%	2,085	0.0%
Energy Options						
BRENT CALENDAR SWAP	BA	2,537	2,992	-15.2%	2,404	5.5%
BRENT CRUDE OIL 1 M CSO	9C	18,400	84,750	-78.3%	24,450	-24.7%
BRENT OIL LAST DAY	BE	28,907	50,448	-42.7%	27,920	3.5%
BRENT OIL LAST DAY	BZO	22,319	82,781	-73.0%	21,265	5.0%
COAL API2 INDEX	F2C	90	245	-63.3%	115	-21.7%
COAL API2 INDEX	F2Q	0	125	-100.0%	0	-
CRUDE OIL	6Y	0	0	-	0	-
CRUDE OIL 1MO	WA	155,525	273,238	-43.1%	152,075	2.3%
CRUDE OIL APO	AO	148,354	266,286	-44.3%	153,177	-3.1%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-
CRUDE OIL OUTRIGHTS	ECCL	0	0	-	0	0.0%
CRUDE OIL PHY	LC	46,671	65,983	-29.3%	29,831	56.5%
CRUDE OIL PHY	LO	2,079,783	2,216,530	-6.2%	2,160,825	-3.8%
CRUDE OIL PHY	LO1	18,185	10,789	68.6%	18,986	-4.2%
CRUDE OIL PHY	LO2	2,870	1,879	52.7%	3,361	-14.6%
CRUDE OIL PHY	LO3	1,870	88	2,025.0%	568	229.2%
CRUDE OIL PHY	LO4	257	0	0.0%	86	198.8%
CRUDE OIL PHY	LO5	0	0	-	0	-
CRUDE OIL PHY	MCO	8,985	0	-	8,288	8.4%
CRUDE OIL PHY	MW1	528	0	-	375	40.8%
CRUDE OIL PHY	MW2	41	0	-	15	173.3%
CRUDE OIL PHY	MW3	0	0	-	0	-
CRUDE OIL PHY	MW4	0	0	-	0	-
CRUDE OIL PHY	MW5	0	0	-	0	-
ELEC FINSETTLED	PJN	0	43	-100.0%	0	-
ETHANOL SWAP	CVR	3,374	6,810	-50.5%	3,409	-1.0%
ETHANOL SWAP	GVR	0	0	-	0	-
FREIGHT MARKETS	FLO	0	30	-100.0%	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	2,650	-100.0%	0	-
HEATING OIL PHY	FZ	0	0	-	0	-

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Energy Options						
HEATING OIL PHY	LB	0	1,171	-100.0%	0	-
HEATING OIL PHY	OH	13,015	11,662	11.6%	13,753	-5.4%
HENRY HUB FINANCIAL LAST	E7	40,499	26,749	51.4%	34,420	17.7%
HENRY HUB FINANCIAL LAST	ECNG	0	0	-	0	0.0%
HO 1 MONTH CLNDR OPTIONS	FA	1,400	100	1,300.0%	1,125	24.4%
LLS CRUDE OIL	HTO	900	1,200	-25.0%	1,000	-10.0%
LLS CRUDE OIL	WTO	5,175	1,500	245.0%	5,550	-6.8%
MCCLOSKEY ARA ARGS COAL	MTO	0	220	-100.0%	0	-
NATURAL GAS	LN1	0	207	-100.0%	0	-
NATURAL GAS	LN2	0	362	-100.0%	0	-
NATURAL GAS	LN3	0	136	-100.0%	0	-
NATURAL GAS	LN4	0	256	-100.0%	0	-
NATURAL GAS	LN5	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	39,750	34,775	14.3%	100,121	-60.3%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	0	-
NATURAL GAS 3 M CSO FIN	G3	54,575	38,600	41.4%	7,325	645.1%
NATURAL GAS 5 M CSO FIN	G5	3,500	20,481	-82.9%	2,000	75.0%
NATURAL GAS 6 M CSO FIN	G6	43,425	47,650	-8.9%	34,275	26.7%
NATURAL GAS OPT	JFO	150	0	-	150	0.0%
NATURAL GAS OPT	JKO	600	6,150	-90.2%	750	-20.0%
NATURAL GAS OPT	TFO	0	4,200	-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	3,231,988	2,374,577	36.1%	3,028,031	6.7%
NATURAL GAS PHY	ON	36,407	39,053	-6.8%	39,652	-8.2%
NATURAL GAS PHY	ON3	0	0	-	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-
NY HARBOR HEAT OIL SWP	AT	7,030	6,750	4.1%	7,333	-4.1%
PETROCHEMICALS	4H	3,425	6,714	-49.0%	3,641	-5.9%
PETROCHEMICALS	4J	0	480	-100.0%	0	-
PETROCHEMICALS	4K	0	0	-	0	-
PETROCHEMICALS	CPR	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-
PETRO OUTRIGHT NA	DAP	50	1,375	-96.4%	60	-16.7%
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	178	150	18.7%	212	-16.0%
RBOB PHY	OB	4,054	6,800	-40.4%	3,573	13.5%
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	100	0	-	50	100.0%
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	133,000	186,275	-28.6%	139,225	-4.5%
WTI CRUDE OIL 1 M CSO FI	7A	131,975	38,488	242.9%	142,300	-7.3%
Metals Futures						
COMEX GOLD	GC	426,890	603,287	-29.2%	471,642	-9.5%
NYMEX HOT ROLLED STEEL	HR	24,116	34,400	-29.9%	23,138	4.2%
NYMEX PLATINUM	PL	68,075	63,602	7.0%	69,121	-1.5%
PALLADIUM	PA	11,770	7,428	58.5%	11,245	4.7%
URANIUM	UX	800	800	0.0%	800	0.0%
COMEX SILVER	SI	123,900	150,597	-17.7%	138,263	-10.4%
COMEX E-Mini GOLD	QO	1,042	1,747	-40.4%	1,079	-3.4%
COMEX E-Mini SILVER	QI	364	378	-3.7%	348	4.6%
COMEX COPPER	HG	196,143	194,969	0.6%	224,824	-12.8%
COMEX MINY COPPER	QC	331	367	-9.8%	399	-17.0%
ALUMINUM	A38	0	0	-	0	-
ALUMINUM	AEP	7,947	9,005	-11.7%	7,148	11.2%
ALUMINUM	ALA	770	1,875	-58.9%	780	-1.3%
ALUMINUM	ALI	2,505	476	426.3%	2,001	25.2%
ALUMINUM	AUP	27,839	24,459	13.8%	29,774	-6.5%
ALUMINUM	EDP	19,152	16,767	14.2%	19,621	-2.4%
ALUMINUM	MJP	905	5,232	-82.7%	910	-0.5%
COBALT METAL FUTURES	COB	17,670	1,797	883.3%	16,970	4.1%
COPPER	HGS	17,245	15,026	14.8%	16,848	2.4%
COPPER	MHG	1,805	0	-	2,911	-38.0%
FERROUS PRODUCTS	BUS	6,813	6,887	-1.1%	6,793	0.3%
FERROUS PRODUCTS	FSF	18	0	-	12	50.0%
GOLD	4GC	0	0	-	0	-
GOLD	SGC	368	709	-48.1%	361	1.9%
GOLD	SGU	445	1,022	-56.5%	358	24.3%
HOT ROLLED COIL STEEL FUTURES	EHR	7,102	1,879	278.0%	6,644	6.9%
IRON ORE CHINA	TIO	615	2,274	-73.0%	1,088	-43.5%
METALS	HDG	1,325	47	2,719.1%	25	5,200.0%



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Metals Futures						
METALS	LTH	566	3	18,766.7%	476	18.9%
METALS	PAC	0	100	-100.0%	0	-
MICRO GOLD	MGC	20,785	23,963	-13.3%	22,736	-8.6%
SILVER	SIL	8,059	6,015	34.0%	7,335	9.9%
Metals Options						
ALUMINUM	ALO	0	700	-100.0%	0	-
ALUMINUM	AX	215	0	-	378	-43.1%
COMEX COPPER	HX	114,535	39,724	188.3%	127,652	-10.3%
COMEX GOLD	ECGC	0	0	-	0	0.0%
COMEX GOLD	OG	654,345	737,050	-11.2%	665,990	-1.7%
COMEX SILVER	ECSI	0	0	-	0	0.0%
COMEX SILVER	SO	98,392	70,375	39.8%	103,327	-4.8%
COPPER	ECHG	0	0	-	0	0.0%
COPPER	H1E	213	160	33.1%	234	-9.0%
COPPER	H1M	87	0	-	126	-31.0%
COPPER	H1W	369	0	-	165	123.6%
COPPER	H2E	137	181	-24.3%	43	218.6%
COPPER	H2M	23	0	-	103	-77.7%
COPPER	H2W	17	0	-	59	-71.2%
COPPER	H3E	64	58	10.3%	25	156.0%
COPPER	H3M	79	0	-	0	-
COPPER	H3W	78	0	-	16	387.5%
COPPER	H4E	0	0	0.0%	2	-100.0%
COPPER	H4M	0	0	-	82	-100.0%
COPPER	H4W	0	0	-	26	-100.0%
COPPER	H5E	0	0	-	0	-
COPPER	H5M	0	0	-	0	0.0%
COPPER	H5W	0	0	-	0	-
GOLD	G1M	2,265	0	-	3,368	-32.7%
GOLD	G1W	3,418	0	-	4,880	-30.0%
GOLD	G2M	1,550	0	-	1,661	-6.7%
GOLD	G2W	2,386	0	-	934	155.5%
GOLD	G3M	926	0	-	0	-
GOLD	G3W	236	0	-	305	-22.6%
GOLD	G4M	4	0	-	699	-99.4%
GOLD	G4W	252	0	-	72	250.0%
GOLD	G5M	0	0	-	0	0.0%
GOLD	G5W	0	0	-	0	-
GOLD	OG1	9,550	19,449	-50.9%	18,277	-47.7%
GOLD	OG2	3,890	8,021	-51.5%	4,869	-20.1%
GOLD	OG3	1,820	3,028	-39.9%	2,461	-26.0%
GOLD	OG4	177	78	126.9%	34	420.6%
GOLD	OG5	0	0	-	0	-
IRON ORE CHINA	ICT	0	100	-100.0%	0	-
NYMEX HOT ROLLED STEEL	HRO	9,280	3,725	149.1%	7,865	18.0%
NYMEX PLATINUM	PO	16,986	15,300	11.0%	3,020	462.5%
PALLADIUM	PAO	1,749	29	5,931.0%	516	239.0%
SILVER	M1S	464	0	-	962	-51.8%
SILVER	M2S	68	0	-	168	-59.5%
SILVER	M3S	41	0	-	0	-
SILVER	M4S	0	0	-	12	-100.0%
SILVER	M5S	0	0	-	0	0.0%

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Commodity	Open Interest FEB 2023	Open Interest FEB 2022	% CHG	Open Interest JAN 2023	% CHG
Metals Options					
SILVER SO1	2,135	2,620	-18.5%	2,974	-28.2%
SILVER SO2	612	906	-32.5%	1,438	-57.4%
SILVER SO3	532	158	236.7%	506	5.1%
SILVER SO4	3	1	200.0%	21	-85.7%
SILVER SO5	0	0	-	0	-
SILVER W1S	383	0	-	1,014	-62.2%
SILVER W2S	423	0	-	458	-7.6%
SILVER W3S	39	0	-	92	-57.6%
SILVER W4S	1	0	-	3	-66.7%
SILVER W5S	0	0	-	0	-
TOTAL FUTURES GROUP					
Ag Products Futures	0	0	-	0	-
Energy Futures	6,296,377	7,203,816	-12.6%	6,172,433	2.0%
Metals Futures	995,365	1,175,111	-15.3%	1,083,650	-8.1%
TOTAL FUTURES	7,291,742	8,378,927	-13.0%	7,256,083	0.5%
TOTAL OPTIONS GROUP					
Energy Options	6,290,116	5,929,712	6.1%	6,171,920	1.9%
Metals Options	927,744	901,663	2.9%	954,837	-2.8%
TOTAL OPTIONS	7,217,860	6,831,375	5.7%	7,126,757	1.3%
TOTAL COMBINED					
Ag Products	0	0	-	0	-
Energy	12,586,493	13,133,528	-4.2%	12,344,353	2.0%
Metals	1,923,109	2,076,774	-7.4%	2,038,487	-5.7%
GRAND TOTAL	14,509,602	15,210,302	-4.6%	14,382,840	0.9%

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