

NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest DEC 2022	Open Interest DEC 2021	% CHG	Open Interest NOV 2022	% CHG	
Ag Products Futures						
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	0	-	0	-
SUGAR 11	YO	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	1,440,725	1,866,914	-22.8%	1,420,782	1.4%
CRUDE OIL	WS	0	8	-100.0%	0	-
MINY WTI CRUDE OIL	QM	4,643	4,187	10.9%	7,233	-35.8%
BRENT OIL LAST DAY	BZ	146,131	219,175	-33.3%	155,569	-6.1%
HEATING OIL PHY	HO	253,353	303,334	-16.5%	270,970	-6.5%
HTG OIL	BH	99	107	-7.5%	108	-8.3%
MINY HTG OIL	QH	0	1	-100.0%	1	-100.0%
RBOB PHY	RB	240,894	294,317	-18.2%	247,779	-2.8%
MINY RBOB GAS	QU	0	1	-100.0%	1	-100.0%
NATURAL GAS	HP	185,471	163,761	13.3%	186,302	-0.4%
LTD NAT GAS	HH	379,835	477,243	-20.4%	360,363	5.4%
MINY NATURAL GAS	QG	9,789	5,295	84.9%	6,932	41.2%
PJM MONTHLY	JM	0	0	-	0	-
NATURAL GAS PHY	NG	1,015,931	1,108,463	-8.3%	990,271	2.6%
RBOB GAS	RT	66	77	-14.3%	72	-8.3%
3.5% FUEL OIL CID MED SWA	7D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	10	15	-33.3%	10	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	4,845	10,528	-54.0%	6,200	-21.9%
ARGUS PROPAN FAR EST INDE	7E	5,765	5,080	13.5%	5,478	5.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,849	1,598	15.7%	2,040	-9.4%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-
BRENT BALMO SWAP	J9	0	0	-	0	-
BRENT CALENDAR SWAP	CY	35,845	31,145	15.1%	36,409	-1.5%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-
BRENT FINANCIAL FUTURES	MBC	250	0	-	10	2,400.0%
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	11,746	2,640	344.9%	12,500	-6.0%
CAR VINTAGE	NGO	13,197	6,792	94.3%	15,196	-13.2%
CHICAGO ETHANOL SWAP	CU	22,820	34,272	-33.4%	25,765	-11.4%
CHICAGO ULSD PL VS HO SPR	5C	1,107	389	184.6%	1,249	-11.4%
CHICAGO UNL GAS PL VS RBO	3C	0	75	-100.0%	0	-
CIG BASIS	CI	0	0	-	0	-
CIN HUB 5MW D AH PK	H5	0	0	-	0	-
CIN HUB 5MW REAL TIME O P	H4	0	0	-	0	-
CIN HUB 5MW REAL TIME PK	H3	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	730	2,194	-66.7%	838	-12.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,121	1,484	-24.5%	1,384	-19.0%
CONWAY PROPANE 5 DECIMALS SWAP	8K	29,551	22,680	30.3%	29,147	1.4%
CRUDE OIL	LPS	0	0	-	0	-
CRUDE OIL LAST DAY	26	3,300	0	-	0	-
CRUDE OIL OUTRIGHTS	42	551	270	104.1%	524	5.2%
CRUDE OIL OUTRIGHTS	CC5	110	2,110	-94.8%	165	-33.3%
CRUDE OIL OUTRIGHTS	CSW	0	300	-100.0%	0	-

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Energy Futures						
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	0	1,485	-100.0%	0	0.0%
CRUDE OIL OUTRIGHTS	HTT	140,633	108,351	29.8%	139,819	0.6%
CRUDE OIL OUTRIGHTS	LSW	110	2,517	-95.6%	120	-8.3%
CRUDE OIL OUTRIGHTS	WCW	0	7,100	-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	17,803	8,272	115.2%	70,387	-74.7%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	240	2,750	-91.3%	360	-33.3%
CRUDE OIL SPRDS	HIL	520	10,921	-95.2%	1,040	-50.0%
CRUDE OIL SPRDS	WTT	137,394	85,837	60.1%	133,951	2.6%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	720	520	38.5%	600	20.0%
DAILY PJM	IDO	0	2,688	-100.0%	0	-
DAILY PJM	NOC	0	1,040	-100.0%	0	-
DAILY PJM	PAP	0	0	-	0	-
DAILY PJM	PEO	0	0	-	0	-
DAILY PJM	PNO	0	0	-	0	-
DAILY PJM	PNP	0	0	-	0	-
DAILY PJM	PWO	0	0	-	0	-
DAILY PJM	PWP	0	0	-	0	-
DAILY PJM	WOR	6,480	2,080	211.5%	5,400	20.0%
DAILY PJM	ZAO	0	0	-	0	-
DAILY PJM	ZGO	0	0	-	0	-
DAILY PJM	ZJO	0	0	-	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	2,245	300	648.3%	2,270	-1.1%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	0	0	-	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	0	0	-	500	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	3,043	9,768	-68.8%	3,255	-6.5%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	A5	1,738	2,054	-15.4%	1,590	9.3%
ELEC FINSETTLED	47	0	0	-	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
EMMISSIONS	CGO	51	0	-	111	-54.1%
ETHANOL	MTH	0	0	-	0	-
ETHANOL SWAP	MT2	685	685	0.0%	505	35.6%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,772	7,757	-25.6%	6,329	-8.8%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-
EURO 3.5% FUEL OIL SPREAD	FK	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	3	0	-	3	0.0%
EURO GASOIL 10PPM VS ICE	ET	401	1,503	-73.3%	442	-9.3%
EUROPE 1% FUEL OIL NWE CA	UF	5	60	-91.7%	10	-50.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	99	246	-59.8%	110	-10.0%
EUROPEAN GASOIL (ICE)	7F	1,572	2,084	-24.6%	1,593	-1.3%

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Energy Futures						
EUROPEAN NAPHTHA BALMO	KZ	4	22	-81.8%	30	-86.7%
EUROPEAN NAPHTHA CRACK SPR	EN	2,676	6,638	-59.7%	3,417	-21.7%
EUROPE DATED BRENT SWAP	UB	0	11	-100.0%	0	-
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	864	1,444	-40.2%	695	24.3%
EURO PROPANE CIF ARA SWA	PS	3,129	2,902	7.8%	3,167	-1.2%
FREIGHT MARKETS	ACB	0	0	-	0	-
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	0	0	-	0	-
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	BL2	1,152	170	577.6%	1,152	0.0%
FREIGHT MARKETS	CS3	0	0	-	0	-
FREIGHT MARKETS	CS4	120	0	-	120	0.0%
FREIGHT MARKETS	FLJ	0	0	0.0%	0	-
FREIGHT MARKETS	FLP	59	77	-23.4%	114	-48.2%
FREIGHT MARKETS	FRC	0	60	-100.0%	34	-100.0%
FREIGHT MARKETS	T2D	93	210	-55.7%	123	-24.4%
FREIGHT MARKETS	T7C	0	0	-	0	-
FREIGHT MARKETS	T8C	0	0	-	0	-
FREIGHT MARKETS	TC6	0	75	-100.0%	0	-
FREIGHT MARKETS	TD3	0	60	-100.0%	0	-
FREIGHT MARKETS	USC	0	0	-	0	-
FREIGHT MARKETS	USE	0	0	-	0	-
FUEL OIL CRACK VS ICE	FO	114	1,371	-91.7%	189	-39.7%
FUEL OIL NWE CRACK VS ICE	FI	15	72	-79.2%	30	-50.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	9	-100.0%	0	-
GAS EURO-BOB OXY NWE BARGES	7H	244	1,476	-83.5%	294	-17.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	4,971	14,878	-66.6%	5,526	-10.0%
GASOIL 0.1CIF MED VS ICE	Z5	5	60	-91.7%	10	-50.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	3	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	14	106	-86.8%	18	-22.2%
GASOIL 10PPM VS ICE SWAP	TP	12	0	-	12	0.0%
GASOIL CALENDAR SWAP	GX	131	635	-79.4%	140	-6.4%
GASOIL CRACK SPREAD CALEN	GZ	579	5,671	-89.8%	1,050	-44.9%
GASOIL MINI CALENDAR SWAP	QA	420	1,125	-62.7%	476	-11.8%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	18	248	-92.7%	36	-50.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	6,354	5,620	13.1%	5,739	10.7%
GRP THREE UNL GS (PLT) VS	A8	3,395	4,411	-23.0%	2,370	43.2%
GULF COAST 3% FUEL OIL BA	VZ	10	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-
GULF COAST JET VS NYM 2 H	ME	8,669	19,109	-54.6%	8,160	6.2%
GULF COAST NO.6 FUEL OIL	MF	7,621	3,088	146.8%	8,604	-11.4%
GULF COAST NO.6 FUEL OIL	MG	10,118	10,511	-3.7%	10,158	-0.4%
GULF COAST ULSD CALENDAR	LY	1,790	1,966	-9.0%	1,581	13.2%
GULF COAST ULSD CRACK SPR	GY	0	10	-100.0%	0	-
HEATING OIL BALMO CLNDR S	1G	177	95	86.3%	20	785.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HEATING OIL PHY	MHO	8	0	-	13	-38.5%
HENRY HUB BASIS SWAP	HB	0	0	-	0	-

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Energy Futures						
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	0	-	0	-
HENRY HUB SWAP	NN	441,816	589,479	-25.0%	427,739	3.3%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-
ICE BRENT DUBAI SWAP	DB	345	2,175	-84.1%	580	-40.5%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
INDIANA MISO	FTD	0	0	-	0	-
INDIANA MISO	PDD	0	0	-	0	-
INDIANA MISO	PTD	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	0	20	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	JB	2	6	-66.7%	4	-50.0%
JAPAN C&F NAPHTHA SWAP	JA	352	207	70.0%	312	12.8%
JAPAN NAPHTHA BALMO SWAP	E6	8	0	-	0	-
JET CIF NWE VS ICE	JC	671	640	4.8%	655	2.4%
JET FUEL UP-DOWN BALMO CL	1M	1,205	3,535	-65.9%	125	864.0%
JKM LNG Futures	JKM	1,076	2,093	-48.6%	1,141	-5.7%
LA CARB DIESEL (OPIS) SWA	KL	205	450	-54.4%	311	-34.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-
LA JET (OPIS) SWAP	JS	775	1,260	-38.5%	75	933.3%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	1,631	3,299	-50.6%	1,598	2.1%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	125	210	-40.5%	250	-50.0%
MARS (ARGUS) VS WTI TRD M	YV	11,142	9,825	13.4%	11,759	-5.2%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	7,567	16,846	-55.1%	8,108	-6.7%
MCCLOSKEY RCH BAY COAL	MFF	235	1,670	-85.9%	225	4.4%
MGN1 SWAP FUT	MGN	0	0	-	0	-
MICHIGAN BASIS	NF	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	61	-100.0%	0	-
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	608	538	13.0%	340	78.8%
MJC FUT	MJC	0	20	-100.0%	0	-
MNC FUT	MNC	2,332	2,388	-2.3%	2,265	3.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	43,620	48,042	-9.2%	45,580	-4.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	730	2,785	-73.8%	1,176	-37.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	145,524	128,709	13.1%	139,788	4.1%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,324	2,275	2.2%	2,184	6.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	36,293	31,531	15.1%	35,640	1.8%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,615	610	164.8%	2,163	-25.3%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	51,783	48,703	6.3%	56,718	-8.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,388	1,299	6.9%	1,497	-7.3%
NATURAL GAS	NWM	300	0	-	305	-1.6%
NATURAL GAS PEN SWP	NP	169,089	195,105	-13.3%	179,168	-5.6%
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	-
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	308	-100.0%	0	-
NEW YORK ETHANOL SWAP	EZ	885	1,560	-43.3%	985	-10.2%
NEW YORK HUB ZONE G PEAK	GN	275	635	-56.7%	800	-65.6%
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-

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Energy Futures						
NGPL MID-CONTINENT	NL	0	0	-	0	-
NGPL TEX/OK	PD	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	0	30	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	0	30	-100.0%	0	-
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	9,716	9,507	2.2%	9,910	-2.0%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	50	685	-92.7%	100	-50.0%
NY HARBOR RESIDUAL FUEL 1	MM	205	700	-70.7%	175	17.1%
NYH NO 2 CRACK SPREAD CAL	HK	6,179	9,826	-37.1%	7,278	-15.1%
NYISO CAPACITY	LHV	0	0	-	0	-
NYISO CAPACITY	NRS	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	K4	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	T3	0	5,850	-100.0%	0	0.0%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-
NYISO ZONE J 5MW D AH PK	D3	0	0	-	0	-
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	2,880	759	279.4%	3,364	-14.4%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-
PERMIAN BASIS SWAP	PM	0	0	-	0	-
PETROCHEMICALS	22	263	89	195.5%	118	122.9%
PETROCHEMICALS	32	146	84	73.8%	94	55.3%
PETROCHEMICALS	3NA	65	41	58.5%	108	-39.8%
PETROCHEMICALS	51	1	0	-	2	-50.0%
PETROCHEMICALS	81	60	0	-	60	0.0%
PETROCHEMICALS	8I	5,156	6,879	-25.0%	5,335	-3.4%
PETROCHEMICALS	91	876	1,258	-30.4%	789	11.0%
PETROCHEMICALS	MAA	30	10	200.0%	20	50.0%
PETROCHEMICALS	MAE	1,904	2,830	-32.7%	2,349	-18.9%
PETROCHEMICALS	MAS	415	1,336	-68.9%	545	-23.9%
PETROCHEMICALS	MBE	30	0	0.0%	60	-50.0%
PETROCHEMICALS	MNB	0	783	-100.0%	0	-
PETROCHEMICALS	MPS	1,904	1,827	4.2%	1,844	3.3%
PETROCHEMICALS	PMF	2	0	-	2	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	50	-100.0%	0	-
PETRO CRCKS & SPRDS NA	CRB	14,606	21,795	-33.0%	12,501	16.8%
PETRO CRCKS & SPRDS NA	EXR	454	1,490	-69.5%	469	-3.2%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	0	210	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	196	4,280	-95.4%	442	-55.7%
PETRO CRCKS & SPRDS NA	MFR	0	12	-100.0%	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	1,001	3,378	-70.4%	1,200	-16.6%

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PETRO CRCKS & SPRDS NA	RVG	7,381	1,938	280.9%	6,831	8.1%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-
PETRO CRK&SPRD EURO	1NB	648	91	612.1%	759	-14.6%
PETRO CRK&SPRD EURO	43	0	9	-100.0%	0	-
PETRO CRK&SPRD EURO	BOB	124	789	-84.3%	146	-15.1%
PETRO CRK&SPRD EURO	EOB	0	15	-100.0%	0	-
PETRO CRK&SPRD EURO	EPN	892	1,354	-34.1%	1,033	-13.6%
PETRO CRK&SPRD EURO	EVC	40	241	-83.4%	40	0.0%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	259	408	-36.5%	328	-21.0%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-
PETROLEUM PRODUCTS	BEB	0	0	-	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	-
PETROLEUM PRODUCTS	CMS	400	60	566.7%	460	-13.0%
PETROLEUM PRODUCTS	EWG	560	2,713	-79.4%	1,004	-44.2%
PETROLEUM PRODUCTS	H5F	410	0	-	260	57.7%
PETROLEUM PRODUCTS	JCC	8,352	1,360	514.1%	8,502	-1.8%
PETROLEUM PRODUCTS	MME	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	NCC	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-
PETROLEUM PRODUCTS	R5F	183	182	0.5%	197	-7.1%
PETROLEUM PRODUCTS	S53	12	14	-14.3%	12	0.0%
PETROLEUM PRODUCTS	UCS	0	0	-	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-
PETROLEUM PRODUCTS	VU	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	E6M	10	0	-	0	-
PETROLEUM PRODUCTS ASIA	MJN	769	1,111	-30.8%	995	-22.7%
PETRO OUTFRIGHT EURO	0B	14	170	-91.8%	28	-50.0%
PETRO OUTFRIGHT EURO	0C	0	0	-	0	-
PETRO OUTFRIGHT EURO	0D	92	156	-41.0%	107	-14.0%
PETRO OUTFRIGHT EURO	0E	0	0	-	0	-
PETRO OUTFRIGHT EURO	0F	10	0	-	0	-
PETRO OUTFRIGHT EURO	1T	0	0	-	0	-
PETRO OUTFRIGHT EURO	5L	0	0	-	20	-100.0%
PETRO OUTFRIGHT EURO	63	0	0	-	0	-
PETRO OUTFRIGHT EURO	7I	0	0	-	0	-
PETRO OUTFRIGHT EURO	7R	0	0	-	0	-
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CPB	370	530	-30.2%	80	362.5%
PETRO OUTFRIGHT EURO	EFF	0	0	-	0	-
PETRO OUTFRIGHT EURO	EFM	0	0	-	0	-
PETRO OUTFRIGHT EURO	ENS	0	0	-	0	-
PETRO OUTFRIGHT EURO	EWN	924	661	39.8%	890	3.8%
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTFRIGHT EURO	GNO	0	0	-	0	-

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Energy Futures						
PETRO OUTRIGHT EURO	H5G	0	0	-	0	-
PETRO OUTRIGHT EURO	JFB	0	0	-	0	-
PETRO OUTRIGHT EURO	M1B	1,288	2,933	-56.1%	1,549	-16.8%
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTRIGHT EURO	MBN	1,751	1,104	58.6%	1,990	-12.0%
PETRO OUTRIGHT EURO	MEF	68	345	-80.3%	95	-28.4%
PETRO OUTRIGHT EURO	MQA	40	90	-55.6%	40	0.0%
PETRO OUTRIGHT EURO	R53	3	47	-93.6%	6	-50.0%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	3,503	4,622	-24.2%	3,341	4.8%
PETRO OUTRIGHT EURO	R5O	1,617	2,572	-37.1%	1,799	-10.1%
PETRO OUTRIGHT EURO	RBM	0	33	-100.0%	10	-100.0%
PETRO OUTRIGHT EURO	S5B	0	0	-	0	-
PETRO OUTRIGHT EURO	S5F	190	262	-27.5%	200	-5.0%
PETRO OUTRIGHT EURO	S5M	2,822	4,148	-32.0%	2,890	-2.4%
PETRO OUTRIGHT EURO	S5O	1,429	4,276	-66.6%	1,494	-4.4%
PETRO OUTRIGHT EURO	SMU	0	400	-100.0%	0	-
PETRO OUTRIGHT EURO	SR5	92	0	-	100	-8.0%
PETRO OUTRIGHT EURO	T0	0	0	-	0	-
PETRO OUTRIGHT EURO	T2B	0	0	-	0	-
PETRO OUTRIGHT EURO	TLB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	100	0	-	625	-84.0%
PETRO OUTRIGHT EURO	UNB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	0	132	-100.0%	0	-
PETRO OUTRIGHT NA	A8B	0	50	-100.0%	75	-100.0%
PETRO OUTRIGHT NA	AB6	100	260	-61.5%	425	-76.5%
PETRO OUTRIGHT NA	BCR	3,100	2,025	53.1%	800	287.5%
PETRO OUTRIGHT NA	DBB	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	0	0	-	0	-
PETRO OUTRIGHT NA	H5B	0	0	-	0	-
PETRO OUTRIGHT NA	JE	10	110	-90.9%	20	-50.0%
PETRO OUTRIGHT NA	JET	750	550	36.4%	1,150	-34.8%
PETRO OUTRIGHT NA	JTB	0	700	-100.0%	25	-100.0%
PETRO OUTRIGHT NA	MBL	385	365	5.5%	425	-9.4%
PETRO OUTRIGHT NA	MEN	20	158	-87.3%	13	53.8%
PETRO OUTRIGHT NA	MEO	298	455	-34.5%	373	-20.1%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	0	23,400	-100.0%	2,040	-100.0%
PJM AD HUB 5MW REAL TIME	Z9	0	1,275	-100.0%	105	-100.0%
PJM DAILY	JD	284	438	-35.2%	284	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-
PJM DAYTON DA PEAK	D7	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	B3	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	B6	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	-	0	-
PJM PSEG DA OFF-PEAK	W6	0	0	-	0	-
PJM PSEG DA PEAK	L6	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	0	0	-	0	-
PJM WESTHDA PEAK	J4	0	0	-	0	-
PJM WESTH RT OFF-PEAK	N9	0	210,600	-100.0%	18,360	-100.0%
PJM WESTH RT PEAK	L1	16,002	42,052	-61.9%	8,824	81.3%

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Energy Futures						
PLASTICS	PGP	4,064	3,671	10.7%	4,041	0.6%
PREMIUM UNLND 10P FOB MED	3G	17	180	-90.6%	34	-50.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,575	1,570	0.3%	2,000	-21.3%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	39,497	46,357	-14.8%	37,868	4.3%
RBOB CALENDAR SWAP	RL	13,531	14,132	-4.3%	17,558	-22.9%
RBOB CRACK SPREAD	RM	6,016	13,086	-54.0%	8,032	-25.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	302	130	132.3%	9	3,255.6%
RBOB PHY	MRB	0	0	-	3	-100.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	325	120	170.8%	350	-7.1%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	1	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	SE	106	417	-74.6%	59	79.7%
SINGAPORE FUEL 180CST CAL	UA	9	0	-	3	200.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	4	-100.0%	0	-
SINGAPORE FUEL OIL SPREAD	SD	102	0	-	102	0.0%
SINGAPORE GASOIL	MAF	142	610	-76.7%	102	39.2%
SINGAPORE GASOIL	MTB	0	10	-100.0%	0	-
SINGAPORE GASOIL	MTS	446	815	-45.3%	369	20.9%
SINGAPORE GASOIL	SBM	0	56	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	MSG	101	717	-85.9%	131	-22.9%
SINGAPORE GASOIL SWAP	SG	154	1,028	-85.0%	262	-41.2%
SINGAPORE GASOIL VS ICE	GA	2,641	4,422	-40.3%	2,933	-10.0%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	2,305	2,649	-13.0%	2,504	-7.9%
SINGAPORE JET KEROSENE SW	KS	0	940	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	50	1,912	-97.4%	0	-
Sumas Basis Swap	NK	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	TM	150	195	-23.1%	210	-28.6%
TC5 RAS TANURA TO YOKOHAM	TH	153	315	-51.4%	186	-17.7%
TCO BASIS SWAP	TC	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	2,040	3,528	-42.2%	2,350	-13.2%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	4,115	8,840	-53.5%	4,060	1.4%
UP DOWN GC ULSD VS NMX HO	LT	24,924	50,611	-50.8%	24,155	3.2%
WAHA BASIS	NW	0	0	-	0	-
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-
WTI-BRENT CALENDAR SWAP	BK	108,235	99,683	8.6%	120,636	-10.3%
WTI CALENDAR	CS	152,064	154,913	-1.8%	157,311	-3.3%
WTI MIDLAND CRUDE OIL	WTL	550	400	37.5%	600	-8.3%
WTS (ARGUS) VS WTI SWAP	FF	17,907	39,632	-54.8%	20,577	-13.0%
WTS (ARGUS) VS WTI TRD MT	FH	2,335	6,670	-65.0%	2,630	-11.2%
Energy Options						
BRENT CALENDAR SWAP	BA	2,433	1,166	108.7%	1,650	47.5%
BRENT CRUDE OIL 1 M CSO	9C	25,750	105,300	-75.5%	18,800	37.0%
BRENT OIL LAST DAY	BE	28,420	45,456	-37.5%	28,845	-1.5%
BRENT OIL LAST DAY	BZO	21,820	68,337	-68.1%	26,708	-18.3%

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Energy Options						
BRENT OIL LAST DAY	OS	0	0	-	0	-
COAL API2 INDEX	F2C	100	65	53.8%	385	-74.0%
COAL API2 INDEX	F2Q	0	75	-100.0%	0	-
CRUDE OIL	6Y	0	0	-	0	-
CRUDE OIL 1MO	WA	124,150	258,325	-51.9%	128,325	-3.3%
CRUDE OIL APO	AO	145,802	269,401	-45.9%	155,367	-6.2%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-
CRUDE OIL OUTRIGHTS	ECCL	0	0	-	0	0.0%
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	42,107	29,625	42.1%	39,567	6.4%
CRUDE OIL PHY	LO	2,305,600	1,977,544	16.6%	2,162,304	6.6%
CRUDE OIL PHY	LO1	9,495	4,386	116.5%	20,276	-53.2%
CRUDE OIL PHY	LO2	1,187	0	-	2,584	-54.1%
CRUDE OIL PHY	LO3	37	120	-69.2%	78	-52.6%
CRUDE OIL PHY	LO4	0	39	-100.0%	95	-100.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	-
CRUDE OIL PHY	MCO	4,901	0	-	5,409	-9.4%
CRUDE OIL PHY	MW1	130	0	-	701	-81.5%
CRUDE OIL PHY	MW2	0	0	-	221	-100.0%
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	2,418	10,417	-76.8%	3,571	-32.3%
ETHANOL SWAP	GVR	0	0	-	0	-
FREIGHT MARKETS	FLO	0	0	-	20	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	3,450	-100.0%	750	-100.0%
HEATING OIL PHY	FZ	0	0	-	0	-
HEATING OIL PHY	LB	0	1,551	-100.0%	0	-
HEATING OIL PHY	OH	12,587	27,026	-53.4%	13,493	-6.7%
HENRY HUB FINANCIAL LAST	E7	28,877	29,180	-1.0%	26,172	10.3%
HENRY HUB FINANCIAL LAST	ECNG	0	0	-	0	0.0%
HO 1 MONTH CLNDR OPTIONS	FA	1,725	200	762.5%	600	187.5%
LLS CRUDE OIL	HTO	1,100	0	-	1,200	-8.3%
LLS CRUDE OIL	WTO	4,125	1,650	150.0%	4,500	-8.3%
MCCLOSKEY ARA ARGS COAL	MTO	20	402	-95.0%	20	0.0%
MCCLOSKEY RCH BAY COAL	MFO	0	0	-	0	-
NATURAL GAS	LN1	0	0	-	150	-100.0%
NATURAL GAS	LN2	0	0	-	0	-
NATURAL GAS	LN3	0	0	-	0	-
NATURAL GAS	LN4	0	0	-	0	-
NATURAL GAS	LN5	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	99,667	153,807	-35.2%	95,875	4.0%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	0	-
NATURAL GAS 3 M CSO FIN	G3	3,550	0	-	3,250	9.2%
NATURAL GAS 5 M CSO FIN	G5	2,000	5,250	-61.9%	2,000	0.0%
NATURAL GAS 6 M CSO FIN	G6	23,875	39,200	-39.1%	18,375	29.9%
NATURAL GAS OPT	JFO	150	0	-	150	0.0%
NATURAL GAS OPT	JKO	850	6,010	-85.9%	850	0.0%
NATURAL GAS OPT	TFO	0	17,960	-100.0%	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	224	7,184	-96.9%	7,784	-97.1%
NATURAL GAS PHY	KD	0	0	0.0%	0	-



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Energy Options					
NATURAL GAS PHY LN	2,879,802	2,183,201	31.9%	2,880,278	0.0%
NATURAL GAS PHY ON	31,694	60,027	-47.2%	32,941	-3.8%
NATURAL GAS SUMMER STRIP 4D	0	0	-	0	-
NATURAL GAS WINTER STRIP 6I	0	0	-	0	-
N ROCKIES PIPE SWAP ZR	0	0	-	0	-
NY HARBOR HEAT OIL SWP AT	7,669	7,075	8.4%	9,075	-15.5%
PETROCHEMICALS 4H	3,895	8,346	-53.3%	3,517	10.7%
PETROCHEMICALS 4J	0	885	-100.0%	0	-
PETROCHEMICALS 4K	0	0	-	0	-
PETROCHEMICALS CPR	0	0	-	0	-
PETRO OUTRIGHT EURO BCO	0	0	-	0	-
PETRO OUTRIGHT NA 1N5	0	0	-	0	-
PETRO OUTRIGHT NA DAP	185	1,250	-85.2%	310	-40.3%
PJM WES HUB PEAK CAL MTH 6OA	0	180	-100.0%	180	-100.0%
PJM WES HUB PEAK LMP 50MW PMA	0	0	-	0	-
RBOB 1MO CAL SPD OPTIONS ZA	0	0	-	0	-
RBOB CALENDAR SWAP RA	250	164	52.4%	324	-22.8%
RBOB PHY OB	3,475	7,223	-51.9%	4,772	-27.2%
RBOB PHY RF	0	0	-	0	-
SAN JUAN PIPE SWAP PJ	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	0	0	-	0	-
SHORT TERM NATURAL GAS U02	0	0	-	0	-
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	-
WTI-BRENT BULLET SWAP BV	146,125	208,315	-29.9%	153,150	-4.6%

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Energy Options						
WTI CRUDE OIL 1 M CSO FI	7A	150,425	36,300	314.4%	137,000	9.8%
Metals Futures						
COMEX GOLD	GC	442,412	512,591	-13.7%	429,283	3.1%
NYMEX HOT ROLLED STEEL	HR	21,916	37,983	-42.3%	25,197	-13.0%
NYMEX PLATINUM	PL	67,817	58,559	15.8%	67,790	0.0%
PALLADIUM	PA	8,314	9,224	-9.9%	7,568	9.9%
URANIUM	UX	800	800	0.0%	800	0.0%
COMEX SILVER	SI	129,798	140,153	-7.4%	122,380	6.1%
COMEX E-Mini GOLD	QO	1,204	1,558	-22.7%	1,126	6.9%
COMEX E-Mini SILVER	QI	337	655	-48.5%	292	15.4%
COMEX COPPER	HG	161,634	181,604	-11.0%	149,642	8.0%
COMEX MINY COPPER	QC	297	362	-18.0%	303	-2.0%
ALUMINUM	A38	0	0	-	0	-
ALUMINUM	AEP	8,439	9,198	-8.3%	7,387	14.2%
ALUMINUM	ALA	775	840	-7.7%	830	-6.6%
ALUMINUM	ALI	1,174	239	391.2%	1,050	11.8%
ALUMINUM	AUP	28,910	24,292	19.0%	30,025	-3.7%
ALUMINUM	CUP	0	0	-	0	-
ALUMINUM	EDP	20,625	17,118	20.5%	19,805	4.1%
ALUMINUM	MJP	1,317	5,299	-75.1%	1,724	-23.6%
COBALT METAL FUTURES	COB	12,773	1,454	778.5%	10,753	18.8%
COPPER	HGS	15,336	16,214	-5.4%	13,712	11.8%
COPPER	MHG	1,329	0	-	1,083	22.7%
FERROUS PRODUCTS	BUS	8,011	3,968	101.9%	8,228	-2.6%
GOLD	4GC	0	0	-	0	-
GOLD	SGC	518	429	20.7%	499	3.8%
GOLD	SGU	488	628	-22.3%	526	-7.2%
HOT ROLLED COIL STEEL FUTURES	EHR	7,125	2,035	250.1%	6,367	11.9%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	-	0	-
IRON ORE CHINA	TIO	1,419	2,396	-40.8%	2,020	-29.8%
METALS	HDG	55	100	-45.0%	212	-74.1%
METALS	LTH	429	3	14,200.0%	149	187.9%
METALS	PAC	0	0	-	0	-
MICRO GOLD	MGC	20,190	19,798	2.0%	17,503	15.4%
SILVER	SIL	5,650	6,102	-7.4%	7,872	-28.2%
Metals Options						
ALUMINUM	ALO	0	1,250	-100.0%	0	-
ALUMINUM	AX	240	0	-	214	12.1%
COMEX COPPER	HX	82,599	27,033	205.5%	71,740	15.1%
COMEX GOLD	ECGC	0	0	-	0	0.0%
COMEX GOLD	OG	566,610	688,162	-17.7%	572,864	-1.1%
COMEX SILVER	ECSI	0	0	-	0	0.0%
COMEX SILVER	SO	83,271	85,185	-2.2%	89,174	-6.6%
COPPER	ECHG	0	0	-	0	0.0%
COPPER	H1E	434	0	-	175	148.0%
COPPER	H1M	9	0	-	36	-75.0%
COPPER	H1W	49	0	-	73	-32.9%
COPPER	H2E	130	0	-	268	-51.5%
COPPER	H2M	334	0	-	90	271.1%
COPPER	H2W	30	0	-	63	-52.4%

NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest DEC 2022	Open Interest DEC 2021	% CHG	Open Interest NOV 2022	% CHG	
Metals Options						
COPPER	H3E	26	0	-	49	-46.9%
COPPER	H3M	0	0	-	0	-
COPPER	H3W	13	0	-	2	550.0%
COPPER	H4E	0	0	-	0	-
COPPER	H4M	105	0	-	0	-
COPPER	H4W	0	0	-	0	-
COPPER	H5E	0	0	0.0%	0	-
COPPER	H5M	84	0	-	0	-
COPPER	H5W	0	0	-	0	0.0%
GOLD	G1M	297	0	-	2,291	-87.0%
GOLD	G1W	5,815	0	-	874	565.3%
GOLD	G2M	2,355	0	-	2,004	17.5%
GOLD	G2W	706	0	-	463	52.5%
GOLD	G3M	0	0	-	1,158	-100.0%
GOLD	G3W	71	0	-	47	51.1%
GOLD	G4M	1,191	0	-	0	-
GOLD	G4W	8	0	-	0	-
GOLD	G5M	1,035	0	-	0	-
GOLD	G5W	0	0	-	0	0.0%
GOLD	OG1	10,712	8,716	22.9%	15,580	-31.2%
GOLD	OG2	5,840	3,582	63.0%	4,568	27.8%
GOLD	OG3	490	904	-45.8%	2,452	-80.0%
GOLD	OG4	0	0	-	387	-100.0%
GOLD	OG5	0	0	0.0%	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	-	0	-
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	-	0	-
IRON ORE CHINA	ICT	100	508	-80.3%	200	-50.0%
NYMEX HOT ROLLED STEEL	HRO	5,550	2,415	129.8%	6,726	-17.5%
NYMEX PLATINUM	PO	1,580	7,721	-79.5%	2,946	-46.4%
PALLADIUM	PAO	96	325	-70.5%	3	3,100.0%
SILVER	M1S	19	0	-	320	-94.1%
SILVER	M2S	434	0	-	79	449.4%
SILVER	M3S	0	0	-	14	-100.0%
SILVER	M4S	143	0	-	0	-
SILVER	M5S	39	0	-	0	-
SILVER	SO1	3,221	1,018	216.4%	2,385	35.1%
SILVER	SO2	926	910	1.8%	1,370	-32.4%
SILVER	SO3	261	26	903.8%	408	-36.0%
SILVER	SO4	0	0	-	15	-100.0%
SILVER	SO5	0	0	0.0%	0	-
SILVER	W1S	658	0	-	152	332.9%
SILVER	W2S	153	0	-	33	363.6%
SILVER	W3S	18	0	-	0	0.0%
SILVER	W4S	0	0	-	0	-
SILVER	W5S	0	0	-	0	0.0%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest DEC 2022	Open Interest DEC 2021	% CHG	Open Interest NOV 2022	% CHG
TOTAL FUTURES GROUP					
Ag Products Futures	0	0	-	0	-
Energy Futures	5,591,228	6,856,149	-18.4%	5,651,053	-1.1%
Metals Futures	969,092	1,053,602	-8.0%	934,126	3.7%
TOTAL FUTURES	6,560,320	7,909,751	-17.1%	6,585,179	-0.4%
 TOTAL OPTIONS GROUP					
Energy Options	6,116,620	5,576,135	9.7%	5,991,622	2.1%
Metals Options	775,652	827,755	-6.3%	779,223	-0.5%
TOTAL OPTIONS	6,892,272	6,403,890	7.6%	6,770,845	1.8%
 TOTAL COMBINED					
Ag Products	0	0	-	0	-
Energy	11,707,848	12,432,284	-5.8%	11,642,675	0.6%
Metals	1,744,744	1,881,357	-7.3%	1,713,349	1.8%
GRAND TOTAL	13,452,592	14,313,641	-6.0%	13,356,024	0.7%