

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest OCT 2023	Open Interest OCT 2022	% CHG	Open Interest SEP 2023	% CHG
Ag Products Futures						
COFFEE	KT	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	1,671,255	1,454,097	14.9%	1,774,359	-5.8%
CRUDE OIL	WS	0	0	-	0	-
MINY WTI CRUDE OIL	QM	4,532	8,289	-45.3%	2,362	91.9%
BRENT OIL LAST DAY	BZ	139,933	162,859	-14.1%	135,923	3.0%
HEATING OIL PHY	HO	299,928	267,097	12.3%	328,204	-8.6%
HTG OIL	BH	105	117	-10.3%	114	-7.9%
MINY HTG OIL	QH	1	1	0.0%	0	0.0%
RBOB PHY	RB	314,818	228,370	37.9%	322,391	-2.3%
MINY RBOB GAS	QU	1	0	0.0%	0	-
NATURAL GAS	HP	170,862	198,235	-13.8%	159,082	7.4%
LTD NAT GAS	HH	349,700	363,167	-3.7%	349,359	0.1%
MINY NATURAL GAS	QG	5,769	5,018	15.0%	7,192	-19.8%
NATURAL GAS PHY	NG	1,186,140	977,718	21.3%	1,160,913	2.2%
RBOB GAS	RT	78	79	-1.3%	84	-7.1%
AEP-DAYTON HUB DAILY	VD	0	10	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	E5	4,810	8,085	-40.5%	4,965	-3.1%
ARGUS PROPAN FAR EST INDE	7E	8,048	5,299	51.9%	7,061	14.0%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,601	1,802	44.3%	2,219	17.2%
BRENT BALMO SWAP	J9	0	0	-	0	-
BRENT CALENDAR SWAP	CY	22,440	39,111	-42.6%	24,753	-9.3%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-
BRENT FINANCIAL FUTURES	MBC	220	10	2,100.0%	220	0.0%
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	11,745	7,198	63.2%	12,822	-8.4%
CAR VINTAGE	NGO	10,214	14,160	-27.9%	10,417	-1.9%
CEU ENERGY	TFU	0	0	-	330	-100.0%
CEU ENERGY	TTG	107	0	-	0	-
CHICAGO ETHANOL SWAP	CU	41,645	27,333	52.4%	41,916	-0.6%
CHICAGO ULSD PL VS HO SPR	5C	1,905	1,432	33.0%	1,925	-1.0%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	361	986	-63.4%	423	-14.7%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	3,164	1,341	135.9%	1,828	73.1%
CONWAY PROPANE 5 DECIMALS SWAP	8K	29,672	29,582	0.3%	30,844	-3.8%
CRUDE OIL	LPS	0	0	-	0	-
CRUDE OIL LAST DAY	26	300	0	-	600	-50.0%
CRUDE OIL OUTRIGHTS	42	56	416	-86.5%	1,570	-96.4%
CRUDE OIL OUTRIGHTS	CC5	0	272	-100.0%	0	-
CRUDE OIL OUTRIGHTS	CSW	0	30	-100.0%	0	-
CRUDE OIL OUTRIGHTS	GSW	0	135	-100.0%	0	-
CRUDE OIL OUTRIGHTS	HTT	288,500	146,203	97.3%	294,638	-2.1%
CRUDE OIL OUTRIGHTS	LSW	0	190	-100.0%	0	-
CRUDE OIL OUTRIGHTS	WCW	0	375	-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	21,920	58,050	-62.2%	13,067	67.8%
CRUDE OIL SPRDS	ANT	1,745	1,870	-6.7%	2,515	-30.6%

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Energy Futures						
CRUDE OIL SPRDS	BKT	150	0	-	300	-50.0%
CRUDE OIL SPRDS	HIL	0	1,560	-100.0%	0	-
CRUDE OIL SPRDS	WTT	211,677	147,422	43.6%	216,732	-2.3%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	0	480	-100.0%	0	-
DAILY PJM	IDO	0	264	-100.0%	0	-
DAILY PJM	NOC	0	0	-	0	-
DAILY PJM	PAP	0	0	-	0	-
DAILY PJM	PEO	0	0	-	0	-
DAILY PJM	PWO	0	0	-	0	-
DAILY PJM	PWP	0	0	-	0	-
DAILY PJM	WOR	0	4,320	-100.0%	0	-
DAILY PJM	ZAO	0	0	-	0	-
DAILY PJM	ZGO	0	0	-	0	-
DAILY PJM	ZJO	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	555	2,295	-75.8%	740	-25.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	1,700	500	240.0%	200	750.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	9,087	3,524	157.9%	4,791	89.7%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	A5	1,872	568	229.6%	1,438	30.2%
ELEC FINSETTLED	47	0	0	-	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-
EMMISSIONS	CGO	121	161	-24.8%	117	3.4%
ETHANOL	MTH	0	0	-	0	-
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	735	590	24.6%	655	12.2%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	8,588	7,443	15.4%	6,352	35.2%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	0	3	-100.0%	0	-
EURO GASOIL 10PPM VS ICE	ET	90	483	-81.4%	120	-25.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	15	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	76	124	-38.7%	42	81.0%
EUROPEAN GASOIL (ICE)	7F	266	1,916	-86.1%	301	-11.6%
EUROPEAN NAPHTHA BALMO	KZ	0	5	-100.0%	33	-100.0%
EUROPEAN NAPHTHA CRACK SPR	EN	7,812	4,366	78.9%	7,487	4.3%
EUROPE DATED BRENT SWAP	UB	0	1	-100.0%	0	-
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	1,515	576	163.0%	1,248	21.4%
EURO PROPANE CIF ARA SWA	PS	2,955	3,217	-8.1%	2,767	6.8%
FREIGHT MARKETS	BF2	0	0	-	0	-
FREIGHT MARKETS	BL2	258	1,140	-77.4%	230	12.2%
FREIGHT MARKETS	CS3	0	0	-	0	-
FREIGHT MARKETS	CS4	30	120	-75.0%	40	-25.0%
FREIGHT MARKETS	FLJ	36	0	-	36	0.0%
FREIGHT MARKETS	FLP	54	123	-56.1%	69	-21.7%
FREIGHT MARKETS	FRC	0	51	-100.0%	0	-
FREIGHT MARKETS	T2D	9	76	-88.2%	12	-25.0%
FREIGHT MARKETS	T8C	0	0	-	0	-
FREIGHT MARKETS	TC6	0	0	-	0	-

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FREIGHT MARKETS	TD3	0	0	-	0	-
FREIGHT MARKETS	USE	0	0	-	0	-
FUEL OIL CRACK VS ICE	FO	9	261	-96.6%	13	-30.8%
FUEL OIL NWE CRACK VS ICE	FI	30	45	-33.3%	30	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-
GAS EURO-BOB OXY NWE BARGES	7H	967	297	225.6%	1,120	-13.7%
GAS EURO-BOB OXY NWE BARGES CRK	7K	6,548	6,001	9.1%	7,431	-11.9%
GASOIL 0.1CIF MED VS ICE	Z5	0	15	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	1	12	-91.7%	1	0.0%
GASOIL 10PPM VS ICE SWAP	TP	12	12	0.0%	12	0.0%
GASOIL CALENDAR SWAP	GX	59	170	-65.3%	40	47.5%
GASOIL CRACK SPREAD CALEN	GZ	420	1,518	-72.3%	454	-7.5%
GASOIL MINI CALENDAR SWAP	QA	499	369	35.2%	545	-8.4%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	0	54	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	A6	5,597	5,734	-2.4%	7,471	-25.1%
GRP THREE UNL GS (PLT) VS	A8	4,751	2,305	106.1%	3,681	29.1%
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-
GULF COAST JET VS NYM 2 H	ME	13,097	9,182	42.6%	14,646	-10.6%
GULF COAST NO.6 FUEL OIL	MF	2,946	8,368	-64.8%	2,854	3.2%
GULF COAST NO.6 FUEL OIL	MG	16,149	10,669	51.4%	14,477	11.5%
GULF COAST ULSD CALENDAR	LY	1,939	534	263.1%	1,483	30.7%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-
HEATING OIL BALMO CLNDR S	1G	79	87	-9.2%	246	-67.9%
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	19	-100.0%	0	-
HENRY HUB SWAP	NN	402,862	447,654	-10.0%	411,082	-2.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-
ICE BRENT DUBAI SWAP	DB	75	705	-89.4%	75	0.0%
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	5	6	-16.7%	5	0.0%
JAPAN C&F NAPHTHA SWAP	JA	608	336	81.0%	700	-13.1%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	23	-100.0%
JET CIF NWE VS ICE	JC	252	729	-65.4%	328	-23.2%
JET FUEL UP-DOWN BALMO CL	1M	1,325	245	440.8%	1,063	24.6%
JKM LNG Futures	JKM	30	946	-96.8%	60	-50.0%
LA CARB DIESEL (OPIS) SWA	KL	240	399	-39.8%	391	-38.6%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-
LA JET (OPIS) SWAP	JS	825	100	725.0%	1,065	-22.5%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	411	1,725	-76.2%	468	-12.2%
MARS (ARGUS) VS WTI SWAP	YX	0	375	-100.0%	0	-
MARS (ARGUS) VS WTI TRD M	YV	4,427	9,985	-55.7%	7,564	-41.5%
MCCLOSKEY ARA ARGS COAL	MTF	6,300	9,076	-30.6%	5,981	5.3%
MCCLOSKEY RCH BAY COAL	MFF	66	474	-86.1%	74	-10.8%
MGN1 SWAP FUT	MGN	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	0	-	0	-

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Energy Futures						
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	100	-100.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	309	190	62.6%	367	-15.8%
MJC FUT	MJC	60	0	-	30	100.0%
MNC FUT	MNC	1,347	2,484	-45.8%	1,526	-11.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	51,684	42,800	20.8%	52,551	-1.6%
MONT BELVIEU ETHANE OPIS BALMO	8C	1,230	220	459.1%	260	373.1%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	160,450	134,806	19.0%	155,510	3.2%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,679	1,403	90.9%	777	244.8%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	32,095	37,626	-14.7%	32,272	-0.5%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	590	2,477	-76.2%	865	-31.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	73,094	61,340	19.2%	75,639	-3.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,424	2,142	-33.5%	389	266.1%
NATURAL GAS	NWM	0	305	-100.0%	0	-
NATURAL GAS PEN SWP	NP	127,608	182,907	-30.2%	120,000	6.3%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	33	-100.0%	0	-
NEW YORK ETHANOL SWAP	EZ	605	1,265	-52.2%	1,435	-57.8%
NEW YORK HUB ZONE G PEAK	GN	0	800	-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	10,857	8,100	34.0%	10,410	4.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	150	-100.0%	0	-
NY HARBOR RESIDUAL FUEL 1	MM	0	175	-100.0%	0	-
NYH NO 2 CRACK SPREAD CAL	HK	20,359	8,522	138.9%	20,785	-2.0%
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	525	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	3,256	2,694	20.9%	3,248	0.2%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-
PETROCHEMICALS	22	122	82	48.8%	31	293.5%
PETROCHEMICALS	32	116	85	36.5%	88	31.8%
PETROCHEMICALS	3NA	153	140	9.3%	188	-18.6%
PETROCHEMICALS	51	45	3	1,400.0%	55	-18.2%
PETROCHEMICALS	81	15	60	-75.0%	20	-25.0%
PETROCHEMICALS	8I	4,723	5,709	-17.3%	4,809	-1.8%
PETROCHEMICALS	91	1,103	787	40.2%	1,098	0.5%
PETROCHEMICALS	MAA	0	0	-	10	-100.0%
PETROCHEMICALS	MAE	2,530	2,275	11.2%	1,990	27.1%
PETROCHEMICALS	MAS	974	570	70.9%	904	7.7%
PETROCHEMICALS	MBE	0	20	-100.0%	0	-
PETROCHEMICALS	MNB	0	0	-	0	-
PETROCHEMICALS	MPS	3,206	1,702	88.4%	3,036	5.6%
PETROCHEMICALS	PMF	45	2	2,150.0%	49	-8.2%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-
PETRO CRCKS & SPRDS NA	CRB	16,283	14,109	15.4%	13,346	22.0%
PETRO CRCKS & SPRDS NA	EXR	1,270	485	161.9%	1,308	-2.9%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-

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Energy Futures						
PETRO CRCKS & SPRDS NA	GCI	375	0	-	375	0.0%
PETRO CRCKS & SPRDS NA	GCU	558	0	-	96	481.3%
PETRO CRCKS & SPRDS NA	GFC	35	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	1,310	688	90.4%	1,310	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	2,001	1,535	30.4%	2,106	-5.0%
PETRO CRCKS & SPRDS NA	RVG	3,985	7,587	-47.5%	5,299	-24.8%
PETRO CRCKS & SPRDS NA	SF3	12	0	-	12	0.0%
PETRO CRK&SPRD EURO	1NB	66	516	-87.2%	235	-71.9%
PETRO CRK&SPRD EURO	43	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	18	183	-90.2%	27	-33.3%
PETRO CRK&SPRD EURO	EOB	5	0	-	0	-
PETRO CRK&SPRD EURO	EPN	1,005	1,086	-7.5%	930	8.1%
PETRO CRK&SPRD EURO	EVC	210	40	425.0%	245	-14.3%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-
PETRO CRK&SPRD EURO	MUD	30	0	-	30	0.0%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	622	390	59.5%	627	-0.8%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-
PETROLEUM PRODUCTS	BEB	0	0	-	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	-
PETROLEUM PRODUCTS	CMS	0	780	-100.0%	0	-
PETROLEUM PRODUCTS	EWG	168	1,482	-88.7%	268	-37.3%
PETROLEUM PRODUCTS	H5F	105	410	-74.4%	135	-22.2%
PETROLEUM PRODUCTS	JCC	5,992	9,150	-34.5%	6,758	-11.3%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-
PETROLEUM PRODUCTS	R5F	66	221	-70.1%	71	-7.0%
PETROLEUM PRODUCTS	S53	3	12	-75.0%	4	-25.0%
PETROLEUM PRODUCTS	UCS	0	0	-	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-
PETROLEUM PRODUCTS	VU	0	0	-	50	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	0	10	-100.0%	30	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	1,323	980	35.0%	1,433	-7.7%
PETRO OUTRIGHT EURO	0B	0	42	-100.0%	0	-
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	165	99	66.7%	92	79.3%
PETRO OUTRIGHT EURO	0E	0	0	-	0	-
PETRO OUTRIGHT EURO	0F	30	0	-	10	200.0%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-
PETRO OUTRIGHT EURO	5L	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	0	0	-	0	-
PETRO OUTRIGHT EURO	7R	15	8	87.5%	0	-
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	85	12	608.3%	92	-7.6%
PETRO OUTRIGHT EURO	EFM	0	0	-	0	-
PETRO OUTRIGHT EURO	ENS	0	0	-	0	-
PETRO OUTRIGHT EURO	EWN	684	628	8.9%	750	-8.8%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTRIGHT EURO	H5G	0	0	-	0	-

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Energy Futures						
PETRO OUTRIGHT EURO	JFB	0	0	-	0	-
PETRO OUTRIGHT EURO	M1B	1,376	1,878	-26.7%	1,703	-19.2%
PETRO OUTRIGHT EURO	MBB	60	0	-	0	-
PETRO OUTRIGHT EURO	MBN	3,178	2,000	58.9%	3,063	3.8%
PETRO OUTRIGHT EURO	MEF	60	110	-45.5%	0	-
PETRO OUTRIGHT EURO	MQA	356	85	318.8%	230	54.8%
PETRO OUTRIGHT EURO	R53	0	9	-100.0%	0	-
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	2,075	3,667	-43.4%	2,018	2.8%
PETRO OUTRIGHT EURO	R5O	1,021	1,882	-45.7%	973	4.9%
PETRO OUTRIGHT EURO	RBM	0	0	-	0	-
PETRO OUTRIGHT EURO	S5B	22	0	-	0	-
PETRO OUTRIGHT EURO	S5F	563	197	185.8%	541	4.1%
PETRO OUTRIGHT EURO	S5M	2,365	2,983	-20.7%	2,188	8.1%
PETRO OUTRIGHT EURO	S5O	786	1,963	-60.0%	1,333	-41.0%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-
PETRO OUTRIGHT EURO	SR5	24	93	-74.2%	48	-50.0%
PETRO OUTRIGHT EURO	TLB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	125	0	-	50	150.0%
PETRO OUTRIGHT EURO	V0	0	0	-	0	-
PETRO OUTRIGHT NA	A8B	260	50	420.0%	500	-48.0%
PETRO OUTRIGHT NA	AB6	918	575	59.7%	30	2,960.0%
PETRO OUTRIGHT NA	BCR	875	1,800	-51.4%	925	-5.4%
PETRO OUTRIGHT NA	FCB	0	0	-	0	-
PETRO OUTRIGHT NA	JE	0	30	-100.0%	0	-
PETRO OUTRIGHT NA	JET	2,860	1,375	108.0%	3,450	-17.1%
PETRO OUTRIGHT NA	JTB	209	75	178.7%	330	-36.7%
PETRO OUTRIGHT NA	MBL	252	405	-37.8%	287	-12.2%
PETRO OUTRIGHT NA	MEN	0	0	-	5	-100.0%
PETRO OUTRIGHT NA	MEO	277	343	-19.2%	343	-19.2%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	0	3,965	-100.0%	0	-
PJM AD HUB 5MW REAL TIME	Z9	0	210	-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	35,685	-100.0%	0	-
PJM WESTH RT PEAK	L1	2,583	11,806	-78.1%	3,969	-34.9%
PLASTICS	PGP	4,668	4,038	15.6%	4,002	16.6%
PREMIUM UNLD 10P FOB MED	3G	0	51	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2,540	2,084	21.9%	710	257.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	60,763	34,239	77.5%	65,009	-6.5%
RBOB CALENDAR SWAP	RL	14,275	16,935	-15.7%	15,806	-9.7%
RBOB CRACK SPREAD	RM	8,216	9,758	-15.8%	9,191	-10.6%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	136	647	-79.0%	610	-77.7%
RBOB PHY	MRB	0	15	-100.0%	0	-
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	105	375	-72.0%	130	-19.2%
SINGAPORE 180CST BALMO	BS	0	0	-	5	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	-	0	-

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Energy Futures						
SINGAPORE 380CST FUEL OIL	SE	494	90	448.9%	406	21.7%
SINGAPORE FUEL 180CST CAL	UA	23	3	666.7%	9	155.6%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	SD	9	102	-91.2%	33	-72.7%
SINGAPORE GASOIL	MAF	0	111	-100.0%	0	-
SINGAPORE GASOIL	MTB	0	0	-	0	-
SINGAPORE GASOIL	MTS	315	433	-27.3%	337	-6.5%
SINGAPORE GASOIL	SBM	5	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	132	130	1.5%	219	-39.7%
SINGAPORE GASOIL SWAP	SG	348	500	-30.4%	1,572	-77.9%
SINGAPORE GASOIL VS ICE	GA	561	3,225	-82.6%	748	-25.0%
SINGAPORE JET KERO GASOIL	RK	543	2,703	-79.9%	700	-22.4%
SINGAPORE JET KEROSENE SW	KS	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	100	0	-	222	-55.0%
TC2 ROTTERDAM TO USAC 37K	TM	72	240	-70.0%	72	0.0%
TC5 RAS TANURA TO YOKOHAM	TH	30	219	-86.3%	40	-25.0%
TD3 MEG TO JAPAN 250K MT	TL	1,455	2,420	-39.9%	1,520	-4.3%
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	2,324	6,442	-63.9%	3,575	-35.0%
UP DOWN GC ULSD VS NMX HO	LT	33,348	26,420	26.2%	37,479	-11.0%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-
WTI-BRENT CALENDAR SWAP	BK	168,407	121,409	38.7%	167,635	0.5%
WTI CALENDAR	CS	164,257	166,003	-1.1%	162,300	1.2%
WTI MIDLAND CRUDE OIL	WTL	340	750	-54.7%	680	-50.0%
WTS (ARGUS) VS WTI SWAP	FF	27,565	23,361	18.0%	28,045	-1.7%
WTS (ARGUS) VS WTI TRD MT	FH	469	3,595	-87.0%	938	-50.0%
Energy Options						
BRENT CALENDAR SWAP	BA	2,830	1,860	52.2%	3,150	-10.2%
BRENT CRUDE OIL 1 M CSO	9C	10,000	42,300	-76.4%	7,050	41.8%
BRENT OIL LAST DAY	BE	14,346	24,395	-41.2%	29,297	-51.0%
BRENT OIL LAST DAY	BZO	991	25,037	-96.0%	9,703	-89.8%
COAL API2 INDEX	F2C	460	365	26.0%	460	0.0%
COAL API2 INDEX	F2Q	0	0	-	0	-
CRUDE OIL	6Y	0	0	-	0	-
CRUDE OIL 1MO	WA	201,650	115,382	74.8%	209,075	-3.6%
CRUDE OIL APO	AO	197,361	178,059	10.8%	198,193	-0.4%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-
CRUDE OIL OUTRIGHTS	ECCL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	LC	50,600	67,488	-25.0%	51,727	-2.2%
CRUDE OIL PHY	LO	2,469,336	2,905,264	-15.0%	2,252,246	9.6%
CRUDE OIL PHY	LO1	19,076	13,707	39.2%	10,059	89.6%
CRUDE OIL PHY	LO2	832	1,015	-18.0%	5,226	-84.1%
CRUDE OIL PHY	LO3	8	123	-93.5%	1,381	-99.4%
CRUDE OIL PHY	LO4	0	45	-100.0%	0	-
CRUDE OIL PHY	LO5	0	0	-	0	0.0%
CRUDE OIL PHY	MCO	15,393	5,556	177.1%	16,908	-9.0%
CRUDE OIL PHY	ML1	1,691	0	-	3,653	-53.7%
CRUDE OIL PHY	ML2	111	0	-	1,766	-93.7%
CRUDE OIL PHY	ML3	16	0	-	314	-94.9%
CRUDE OIL PHY	ML4	1	0	-	227	-99.6%

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Energy Options					
CRUDE OIL PHY ML5	0	0	-	0	-
CRUDE OIL PHY MW1	430	308	39.6%	1,052	-59.1%
CRUDE OIL PHY MW2	11	8	37.5%	0	-
CRUDE OIL PHY MW3	0	0	-	0	-
CRUDE OIL PHY MW4	0	0	0.0%	0	-
CRUDE OIL PHY MW5	0	0	-	0	0.0%
CRUDE OIL PHY WL1	7,768	0	-	4,214	84.3%
CRUDE OIL PHY WL2	1,219	0	-	862	41.4%
CRUDE OIL PHY WL3	45	0	-	1,464	-96.9%
CRUDE OIL PHY WL4	387	0	-	10	3,770.0%
CRUDE OIL PHY WL5	0	0	-	0	-
ELEC FINSETTLED PJN	0	0	-	0	-
ETHANOL SWAP CVR	7,103	3,652	94.5%	7,784	-8.7%
ETHANOL SWAP GVR	0	0	-	0	-
FREIGHT MARKETS FLO	0	30	-100.0%	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS 3W	0	1,000	-100.0%	0	-
HEATING OIL PHY FZ	0	0	-	0	-
HEATING OIL PHY LB	49	0	-	42	16.7%
HEATING OIL PHY OH	22,230	22,958	-3.2%	16,875	31.7%
HENRY HUB FINANCIAL LAST E7	106,271	22,733	367.5%	85,548	24.2%
HENRY HUB FINANCIAL LAST ECNG	0	0	0.0%	0	0.0%
HO 1 MONTH CLNDR OPTIONS FA	8,850	950	831.6%	14,500	-39.0%
LLS CRUDE OIL HTO	100	1,200	-91.7%	200	-50.0%
LLS CRUDE OIL WTO	3,375	4,650	-27.4%	3,750	-10.0%
MCCLOSKEY ARA ARGS COAL MTO	0	60	-100.0%	0	-
NATURAL GAS LN1	13	0	-	1,401	-99.1%
NATURAL GAS LN2	28	0	-	16	75.0%
NATURAL GAS LN3	0	0	-	0	-
NATURAL GAS LN4	0	0	-	0	-
NATURAL GAS LN5	0	0	-	0	0.0%
NATURAL GAS 1 M CSO FIN G4	125,453	113,750	10.3%	131,378	-4.5%
NATURAL GAS 2 M CSO FIN G2	1,000	0	-	1,000	0.0%
NATURAL GAS 3 M CSO FIN G3	3,000	1,200	150.0%	0	-
NATURAL GAS 5 M CSO FIN G5	0	0	-	0	-
NATURAL GAS 6 M CSO FIN G6	350	8,500	-95.9%	0	-
NATURAL GAS OPT JFO	0	150	-100.0%	0	-
NATURAL GAS OPT JKO	0	100	-100.0%	0	-
NATURAL GAS OPT TFO	0	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	2,906,359	2,867,759	1.3%	2,633,478	10.4%
NATURAL GAS PHY ON	59,317	35,434	67.4%	54,432	9.0%
NATURAL GAS PHY ON3	0	0	-	0	-
NATURAL GAS SUMMER STRIP 4D	0	0	-	0	-
NY HARBOR HEAT OIL SWP AT	14,839	8,619	72.2%	16,825	-11.8%
PETROCHEMICALS 4H	1,446	4,038	-64.2%	1,707	-15.3%
PETROCHEMICALS 4J	0	0	-	0	-
PETROCHEMICALS 4K	0	0	-	0	-
PETROCHEMICALS CPR	0	0	-	0	-
PETRO OUTRIGHT EURO BCO	0	0	-	0	-
PETRO OUTRIGHT NA DAP	60	435	-86.2%	70	-14.3%
PJM WES HUB PEAK CAL MTH 6OA	0	180	-100.0%	0	-

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Energy Options						
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	-
RBOB CALENDAR SWAP	RA	72	393	-81.7%	108	-33.3%
RBOB PHY	OB	355	6,330	-94.4%	1,313	-73.0%
RBOB PHY	RF	25	0	-	14	78.6%
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	144,715	153,950	-6.0%	145,002	-0.2%
WTI CRUDE OIL 1 M CSO FI	7A	160,355	152,275	5.3%	153,905	4.2%
Metals Futures						
COMEX GOLD	GC	475,808	464,625	2.4%	432,570	10.0%
NYMEX HOT ROLLED STEEL	HR	17,963	22,388	-19.8%	18,700	-3.9%
NYMEX PLATINUM	PL	74,768	56,940	31.3%	74,785	0.0%
PALLADIUM	PA	22,943	8,374	174.0%	17,329	32.4%
URANIUM	UX	1	800	-99.9%	0	-
COMEX SILVER	SI	126,549	139,157	-9.1%	127,882	-1.0%
COMEX E-Mini GOLD	QO	1,132	1,937	-41.6%	1,175	-3.7%
COMEX E-Mini SILVER	QI	426	413	3.1%	451	-5.5%
COMEX COPPER	HG	222,566	180,740	23.1%	208,646	6.7%
COMEX MINY COPPER	QC	378	483	-21.7%	367	3.0%
ALUMINUM	A38	0	0	-	0	-

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Commodity		Open Interest OCT 2023	Open Interest OCT 2022	% CHG	Open Interest SEP 2023	% CHG
Metals Futures						
ALUMINUM	AEP	4,243	6,043	-29.8%	5,254	-19.2%
ALUMINUM	ALA	150	945	-84.1%	220	-31.8%
ALUMINUM	ALI	4,975	1,335	272.7%	3,883	28.1%
ALUMINUM	AUP	30,709	31,510	-2.5%	28,730	6.9%
ALUMINUM	EDP	20,923	20,423	2.4%	18,704	11.9%
ALUMINUM	MJP	355	2,031	-82.5%	480	-26.0%
COBALT METAL FUTURES	COB	19,330	8,258	134.1%	19,970	-3.2%
COPPER	HGS	9,722	13,508	-28.0%	11,085	-12.3%
COPPER	MHG	2,190	2,255	-2.9%	1,785	22.7%
FERROUS PRODUCTS	BUS	4,003	6,986	-42.7%	3,965	1.0%
FERROUS PRODUCTS	FSF	88	0	-	43	104.7%
GOLD	4GC	0	0	-	0	-
GOLD	SGC	163	521	-68.7%	76	114.5%
GOLD	SGU	254	538	-52.8%	136	86.8%
HOT ROLLED COIL STEEL FUTURES	EHR	6,405	6,137	4.4%	5,733	11.7%
IRON ORE CHINA	TIO	1,158	2,570	-54.9%	1,343	-13.8%
LITHIUM CARBONATE FUTURES	LTC	0	0	-	0	-
METALS	HDG	20	212	-90.6%	15	33.3%
METALS	LTH	9,923	58	17,008.6%	7,532	31.7%
METALS	PAC	0	0	-	0	-
MICRO GOLD	MGC	31,025	23,785	30.4%	31,323	-1.0%
MOLYBDENUM OXIDE FUTURES	MOX	600	0	-	582	3.1%
SILVER	SIL	8,664	6,240	38.8%	7,041	23.1%
Metals Options						
ALUMINUM	ALO	0	0	-	0	-
ALUMINUM	AX	1,148	309	271.5%	1,200	-4.3%
COMEX COPPER	HX	92,678	79,313	16.9%	78,971	17.4%
COMEX GOLD	ECGC	0	0	0.0%	0	0.0%
COMEX GOLD	OG	969,523	791,784	22.4%	817,755	18.6%
COMEX SILVER	ECSI	0	0	0.0%	0	0.0%
COMEX SILVER	SO	113,304	129,245	-12.3%	96,919	16.9%
COPPER	ECHG	0	0	0.0%	0	0.0%
COPPER	H1E	611	313	95.2%	148	312.8%
COPPER	H1M	52	54	-3.7%	77	-32.5%
COPPER	H1W	4,690	80	5,762.5%	2,524	85.8%
COPPER	H2E	26	161	-83.9%	221	-88.2%
COPPER	H2M	0	2	-100.0%	85	-100.0%
COPPER	H2W	9	81	-88.9%	90	-90.0%
COPPER	H3E	24	29	-17.2%	12	100.0%
COPPER	H3M	0	0	-	28	-100.0%
COPPER	H3W	24	23	4.3%	30	-20.0%
COPPER	H4E	21	14	50.0%	0	-
COPPER	H4M	0	0	-	50	-100.0%
COPPER	H4W	10	8	25.0%	0	-
COPPER	H5E	0	0	-	0	0.0%
COPPER	H5M	0	0	0.0%	0	-
COPPER	H5W	0	0	-	0	-
GOLD	1FG	9	0	-	0	-
GOLD	1WG	2	0	-	0	-
GOLD	2WG	0	0	-	0	-
GOLD	3FG	0	0	-	0	-
GOLD	3WG	2	0	-	0	-

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Metals Options						
GOLD	4FG	0	0	-	0	-
GOLD	4MG	0	0	-	0	-
GOLD	4WG	0	0	-	0	-
GOLD	5MG	0	0	-	0	-
GOLD	G1M	2,366	1,874	26.3%	10,711	-77.9%
GOLD	G1W	7,552	4,036	87.1%	5,616	34.5%
GOLD	G2M	727	102	612.7%	2,924	-75.1%
GOLD	G2W	1,736	1,228	41.4%	3,343	-48.1%
GOLD	G3M	383	12	3,091.7%	1,162	-67.0%
GOLD	G3W	587	973	-39.7%	1,097	-46.5%
GOLD	G4M	0	0	-	1,075	-100.0%
GOLD	G4W	414	447	-7.4%	259	59.8%
GOLD	G5M	0	0	0.0%	0	-
GOLD	G5W	0	0	-	0	-
GOLD	OG1	14,583	12,968	12.5%	17,706	-17.6%
GOLD	OG2	6,162	4,700	31.1%	5,038	22.3%
GOLD	OG3	1,908	1,056	80.7%	1,297	47.1%
GOLD	OG4	140	71	97.2%	0	-
GOLD	OG5	0	0	-	0	0.0%
GOLD	OMG	26	0	-	0	-
IRON ORE CHINA	ICT	360	300	20.0%	0	-
NYMEX HOT ROLLED STEEL	HRO	7,975	4,971	60.4%	6,394	24.7%
NYMEX PLATINUM	PO	13,020	2,519	416.9%	9,610	35.5%
PALLADIUM	PAO	1,126	6	18,666.7%	1,002	12.4%
SILVER	M1S	735	42	1,650.0%	1,273	-42.3%
SILVER	M2S	332	99	235.4%	390	-14.9%
SILVER	M3S	117	2	5,750.0%	354	-66.9%
SILVER	M4S	0	0	-	20	-100.0%
SILVER	M5S	0	0	0.0%	0	-
SILVER	SO1	2,116	1,722	22.9%	1,547	36.8%
SILVER	SO2	1,430	1,141	25.3%	1,308	9.3%
SILVER	SO3	424	33	1,184.8%	233	82.0%
SILVER	SO4	15	19	-21.1%	0	-
SILVER	SO5	0	0	-	0	0.0%
SILVER	W1S	1,422	238	497.5%	696	104.3%
SILVER	W2S	614	29	2,017.2%	503	22.1%
SILVER	W3S	148	57	159.6%	162	-8.6%
SILVER	W4S	5	1	400.0%	32	-84.4%
SILVER	W5S	0	0	-	0	-
TOTAL FUTURES GROUP						
Ag Products Futures		0	0	-	0	-
Energy Futures		6,359,661	5,749,307	10.6%	6,467,375	-1.7%
Metals Futures		1,097,434	1,009,212	8.7%	1,029,805	6.6%
TOTAL FUTURES		7,457,095	6,758,519	10.3%	7,497,180	-0.5%



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Commodity	Open Interest OCT 2023	Open Interest OCT 2022	% CHG	Open Interest SEP 2023	% CHG
TOTAL OPTIONS GROUP					
Energy Options	6,560,151	6,799,042	-3.5%	6,077,609	7.9%
Metals Options	1,248,556	1,040,062	20.0%	1,071,862	16.5%
TOTAL OPTIONS	7,808,707	7,839,104	-0.4%	7,149,471	9.2%
TOTAL COMBINED					
Ag Products	0	0	-	0	-
Energy	12,919,812	12,548,349	3.0%	12,544,984	3.0%
Metals	2,345,990	2,049,274	14.5%	2,101,667	11.6%
GRAND TOTAL	15,265,802	14,597,623	4.6%	14,646,651	4.2%