

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest MAR 2023	Open Interest MAR 2022	% CHG	Open Interest FEB 2023	% CHG
Ag Products Futures						
COFFEE	KT	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	1,838,157	1,805,276	1.8%	1,750,212	5.0%
CRUDE OIL	WS	0	0	-	0	-
MINY WTI CRUDE OIL	QM	6,264	8,478	-26.1%	3,876	61.6%
BRENT OIL LAST DAY	BZ	163,222	193,830	-15.8%	151,381	7.8%
HEATING OIL PHY	HO	269,793	206,781	30.5%	246,341	9.5%
HTG OIL	BH	72	74	-2.7%	81	-11.1%
MINY HTG OIL	QH	1	0	-	1	0.0%
RBOB PHY	RB	307,895	284,059	8.4%	300,224	2.6%
MINY RBOB GAS	QU	4	1	300.0%	4	0.0%
NATURAL GAS	HP	200,820	182,473	10.1%	193,776	3.6%
LTD NAT GAS	HH	392,200	443,871	-11.6%	377,682	3.8%
MINY NATURAL GAS	QG	14,367	4,062	253.7%	12,642	13.6%
NATURAL GAS PHY	NG	1,338,812	1,124,511	19.1%	1,239,613	8.0%
RBOB GAS	RT	48	56	-14.3%	54	-11.1%
AEP-DAYTON HUB DAILY	VD	0	10	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	E5	7,250	6,775	7.0%	4,180	73.4%
ARGUS PROPAN FAR EST INDE	7E	6,135	4,659	31.7%	5,793	5.9%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,294	1,739	31.9%	2,237	2.5%
BRENT BALMO SWAP	J9	0	740	-100.0%	0	-
BRENT CALENDAR SWAP	CY	30,571	43,938	-30.4%	35,461	-13.8%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-
BRENT FINANCIAL FUTURES	MBC	210	0	-	210	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	17,111	2,875	495.2%	15,180	12.7%
CAR VINTAGE	NGO	12,241	16,884	-27.5%	12,646	-3.2%
CHICAGO ETHANOL SWAP	CU	34,607	29,784	16.2%	34,108	1.5%
CHICAGO ULSD PL VS HO SPR	5C	2,465	1,933	27.5%	2,355	4.7%
CHICAGO UNL GAS PL VS RBO	3C	0	75	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	398	1,685	-76.4%	475	-16.2%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	303	538	-43.7%	422	-28.2%
CONWAY PROPANE 5 DECIMALS SWAP	8K	24,185	19,229	25.8%	24,360	-0.7%
CRUDE OIL	LPS	0	0	-	0	-
CRUDE OIL LAST DAY	26	2,400	0	-	2,700	-11.1%
CRUDE OIL OUTRIGHTS	42	451	2,423	-81.4%	201	124.4%
CRUDE OIL OUTRIGHTS	CC5	0	2,172	-100.0%	0	-
CRUDE OIL OUTRIGHTS	CSW	0	570	-100.0%	0	-
CRUDE OIL OUTRIGHTS	GSW	0	1,080	-100.0%	0	-
CRUDE OIL OUTRIGHTS	HTT	209,774	124,868	68.0%	201,632	4.0%
CRUDE OIL OUTRIGHTS	LSW	0	3,012	-100.0%	0	-
CRUDE OIL OUTRIGHTS	WCW	0	9,915	-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	40,805	26,174	55.9%	14,850	174.8%
CRUDE OIL SPRDS	ANT	1,345	2,000	-32.8%	1,450	-7.2%
CRUDE OIL SPRDS	HIL	0	6,150	-100.0%	0	-
CRUDE OIL SPRDS	WTT	196,350	100,636	95.1%	191,691	2.4%

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Energy Futures						
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	1,152	-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	1,850	2,470	-25.1%	2,035	-9.1%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	0	1,500	-100.0%	0	-
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	2,675	6,092	-56.1%	2,641	1.3%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	A5	1,779	1,269	40.2%	1,611	10.4%
ELEC FINSETTLED	47	0	0	-	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-
EMMISSIONS	CGO	56	9	522.2%	61	-8.2%
ETHANOL	MTH	0	0	-	0	-
ETHANOL SWAP	MT2	880	580	51.7%	815	8.0%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	6,595	7,012	-5.9%	6,224	6.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	3	0	-	3	0.0%
EURO GASOIL 10PPM VS ICE	ET	300	947	-68.3%	330	-9.1%
EUROPE 1% FUEL OIL NWE CA	UF	0	50	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	146	221	-33.9%	128	14.1%
EUROPEAN GASOIL (ICE)	7F	1,092	4,435	-75.4%	1,157	-5.6%
EUROPEAN NAPHTHA BALMO	KZ	10	5	100.0%	18	-44.4%
EUROPEAN NAPHTHA CRACK SPR	EN	3,787	8,413	-55.0%	1,874	102.1%
EUROPE DATED BRENT SWAP	UB	0	11	-100.0%	0	-
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	1,275	1,217	4.8%	945	34.9%
EURO PROPANE CIF ARA SWA	PS	2,874	2,877	-0.1%	2,927	-1.8%
FREIGHT MARKETS	BF2	0	0	-	0	-
FREIGHT MARKETS	BL2	245	150	63.3%	265	-7.5%
FREIGHT MARKETS	CS3	0	0	-	0	-
FREIGHT MARKETS	CS4	100	120	-16.7%	110	-9.1%
FREIGHT MARKETS	FLJ	0	0	-	10	-100.0%
FREIGHT MARKETS	FLP	39	142	-72.5%	48	-18.8%
FREIGHT MARKETS	FRC	0	50	-100.0%	0	-
FREIGHT MARKETS	T2D	87	410	-78.8%	90	-3.3%
FREIGHT MARKETS	T8C	0	0	-	0	-
FREIGHT MARKETS	TC6	0	25	-100.0%	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-
FREIGHT MARKETS	USE	0	0	-	0	-
FUEL OIL CRACK VS ICE	FO	33	1,168	-97.2%	36	-8.3%
FUEL OIL NWE CRACK VS ICE	FI	0	87	-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	458	790	-42.0%	181	153.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	3,882	10,968	-64.6%	3,008	29.1%
GASOIL 0.1CIF MED VS ICE	Z5	0	50	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	5	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	0	95	-100.0%	0	-
GASOIL 10PPM VS ICE SWAP	TP	12	0	-	12	0.0%
GASOIL CALENDAR SWAP	GX	86	516	-83.3%	79	8.9%
GASOIL CRACK SPREAD CALEN	GZ	462	4,717	-90.2%	90	413.3%
GASOIL MINI CALENDAR SWAP	QA	390	1,249	-68.8%	469	-16.8%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	0	180	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	A6	7,948	7,880	0.9%	7,993	-0.6%
GRP THREE UNL GS (PLT) VS	A8	4,805	6,455	-25.6%	5,745	-16.4%
GULF COAST 3% FUEL OIL BA	VZ	0	400	-100.0%	0	-
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-
GULF COAST JET VS NYM 2 H	ME	12,412	11,774	5.4%	11,205	10.8%
GULF COAST NO.6 FUEL OIL	MF	5,211	4,908	6.2%	6,950	-25.0%
GULF COAST NO.6 FUEL OIL	MG	11,617	7,910	46.9%	12,151	-4.4%
GULF COAST ULSD CALENDAR	LY	1,849	1,164	58.8%	1,712	8.0%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-
HEATING OIL BALMO CLNDR S	1G	0	0	-	89	-100.0%
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	443,386	575,683	-23.0%	433,543	2.3%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-
ICE BRENT DUBAI SWAP	DB	140	1,996	-93.0%	100	40.0%
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	0	6	-100.0%	0	-
JAPAN C&F NAPHTHA SWAP	JA	446	369	20.9%	401	11.2%
JAPAN NAPHTHA BALMO SWAP	E6	0	6	-100.0%	8	-100.0%
JET CIF NWE VS ICE	JC	723	1,076	-32.8%	720	0.4%
JET FUEL UP-DOWN BALMO CL	1M	585	3,760	-84.4%	1,738	-66.3%
JKM LNG Futures	JKM	515	1,609	-68.0%	600	-14.2%
LA CARB DIESEL (OPIS) SWA	KL	1,345	1,242	8.3%	950	41.6%
LA CARBOB GASOLINE(OPIS)S	JL	150	0	-	150	0.0%
LA JET (OPIS) SWAP	JS	960	795	20.8%	1,100	-12.7%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	810	2,704	-70.0%	1,062	-23.7%
MARS (ARGUS) VS WTI SWAP	YX	0	1,400	-100.0%	0	-
MARS (ARGUS) VS WTI TRD M	YV	11,075	23,570	-53.0%	23,644	-53.2%
MCCLOSKEY ARA ARGS COAL	MTF	6,226	10,596	-41.2%	6,493	-4.1%
MCCLOSKEY RCH BAY COAL	MFF	106	962	-89.0%	116	-8.6%
MGN1 SWAP FUT	MGN	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	155	-100.0%	10	-100.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	303	447	-32.2%	398	-23.9%
MJC FUT	MJC	0	0	-	0	-
MNC FUT	MNC	2,046	2,651	-22.8%	1,888	8.4%

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Energy Futures						
MONT BELVIEU ETHANE 5 DECIMAL	C0	53,551	50,307	6.4%	53,986	-0.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	560	446	25.6%	515	8.7%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	155,130	127,514	21.7%	155,027	0.1%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	4,089	2,378	72.0%	1,755	133.0%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	36,274	34,908	3.9%	36,702	-1.2%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,598	1,240	28.9%	870	83.7%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	45,891	48,194	-4.8%	46,400	-1.1%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,151	1,591	-27.7%	352	227.0%
NATURAL GAS	NWM	0	0	-	0	-
NATURAL GAS PEN SWP	NP	145,683	200,910	-27.5%	151,386	-3.8%
NEPOOL INTR HUB 5MW D AH	H2	0	7,104	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	U6	0	384	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	63	-100.0%	0	-
NEW YORK ETHANOL SWAP	EZ	847	1,790	-52.7%	980	-13.6%
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	10,099	7,191	40.4%	8,825	14.4%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	500	-100.0%	0	-
NY HARBOR RESIDUAL FUEL 1	MM	275	450	-38.9%	325	-15.4%
NYH NO 2 CRACK SPREAD CAL	HK	8,010	13,376	-40.1%	7,529	6.4%
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	4,250	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	2,341	409	472.4%	2,516	-7.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	-	0	-
PETROCHEMICALS	22	77	156	-50.6%	221	-65.2%
PETROCHEMICALS	32	67	69	-2.9%	202	-66.8%
PETROCHEMICALS	3NA	25	70	-64.3%	27	-7.4%
PETROCHEMICALS	51	0	0	-	0	-
PETROCHEMICALS	81	50	364	-86.3%	115	-56.5%
PETROCHEMICALS	8I	5,009	7,258	-31.0%	5,108	-1.9%
PETROCHEMICALS	91	844	1,092	-22.7%	857	-1.5%
PETROCHEMICALS	MAA	70	110	-36.4%	20	250.0%
PETROCHEMICALS	MAE	1,979	2,456	-19.4%	1,987	-0.4%
PETROCHEMICALS	MAS	588	1,220	-51.8%	718	-18.1%
PETROCHEMICALS	MBE	160	90	77.8%	150	6.7%
PETROCHEMICALS	MNB	0	40	-100.0%	0	-
PETROCHEMICALS	MPS	2,305	1,323	74.2%	2,108	9.3%
PETROCHEMICALS	PMF	0	12	-100.0%	10	-100.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-
PETRO CRCKS & SPRDS NA	CRB	14,634	22,585	-35.2%	15,864	-7.8%
PETRO CRCKS & SPRDS NA	EXR	469	1,225	-61.7%	427	9.8%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	0	275	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GFC	550	720	-23.6%	0	-
PETRO CRCKS & SPRDS NA	HOB	1,300	2,377	-45.3%	100	1,200.0%

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Energy Futures						
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	1,085	3,164	-65.7%	1,059	2.5%
PETRO CRCKS & SPRDS NA	RVG	7,771	11,027	-29.5%	8,377	-7.2%
PETRO CRK&SPRD EURO	1NB	507	1,305	-61.1%	532	-4.7%
PETRO CRK&SPRD EURO	43	0	0	-	75	-100.0%
PETRO CRK&SPRD EURO	BOB	195	611	-68.1%	201	-3.0%
PETRO CRK&SPRD EURO	EOB	0	15	-100.0%	0	-
PETRO CRK&SPRD EURO	EPN	617	1,036	-40.4%	671	-8.0%
PETRO CRK&SPRD EURO	EVC	285	325	-12.3%	20	1,325.0%
PETRO CRK&SPRD EURO	GOC	0	9	-100.0%	0	-
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-
PETRO CRK&SPRD EURO	MUD	30	0	-	0	-
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	236	414	-43.0%	207	14.0%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-
PETROLEUM PRODUCTS	BEB	0	0	-	0	-
PETROLEUM PRODUCTS	BEF	0	2	-100.0%	0	-
PETROLEUM PRODUCTS	CMS	670	290	131.0%	200	235.0%
PETROLEUM PRODUCTS	EWG	505	2,651	-81.0%	400	26.3%
PETROLEUM PRODUCTS	H5F	150	25	500.0%	310	-51.6%
PETROLEUM PRODUCTS	JCC	10,636	4,059	162.0%	7,751	37.2%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-
PETROLEUM PRODUCTS	R5F	147	182	-19.2%	148	-0.7%
PETROLEUM PRODUCTS	S53	10	12	-16.7%	11	-9.1%
PETROLEUM PRODUCTS	UCS	0	0	-	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-
PETROLEUM PRODUCTS	VU	0	225	-100.0%	0	-
PETROLEUM PRODUCTS ASIA	E6M	10	0	-	0	-
PETROLEUM PRODUCTS ASIA	MJN	1,032	1,318	-21.7%	722	42.9%
PETRO OUTRIGHT EURO	OB	0	140	-100.0%	0	-
PETRO OUTRIGHT EURO	OC	0	0	-	0	-
PETRO OUTRIGHT EURO	OD	126	136	-7.4%	98	28.6%
PETRO OUTRIGHT EURO	OE	0	0	-	0	-
PETRO OUTRIGHT EURO	OF	0	0	-	0	-
PETRO OUTRIGHT EURO	1T	0	0	-	0	-
PETRO OUTRIGHT EURO	5L	30	0	-	0	-
PETRO OUTRIGHT EURO	7I	0	100	-100.0%	75	-100.0%
PETRO OUTRIGHT EURO	7R	0	21	-100.0%	0	-
PETRO OUTRIGHT EURO	CBB	5	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	350	317	10.4%	111	215.3%
PETRO OUTRIGHT EURO	EFM	0	0	-	0	-
PETRO OUTRIGHT EURO	ENS	0	0	-	0	-
PETRO OUTRIGHT EURO	EWN	1,060	494	114.6%	829	27.9%
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	2,248	3,691	-39.1%	1,906	17.9%
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTRIGHT EURO	MBN	1,450	2,438	-40.5%	1,659	-12.6%
PETRO OUTRIGHT EURO	MEF	40	255	-84.3%	40	0.0%

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Energy Futures						
PETRO OUTRIGHT EURO	MQA	251	71	253.5%	160	56.9%
PETRO OUTRIGHT EURO	R53	0	30	-100.0%	0	-
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	3,409	5,028	-32.2%	3,389	0.6%
PETRO OUTRIGHT EURO	R5O	1,782	4,424	-59.7%	1,758	1.4%
PETRO OUTRIGHT EURO	RBM	35	16	118.8%	21	66.7%
PETRO OUTRIGHT EURO	S5B	0	0	-	0	-
PETRO OUTRIGHT EURO	S5F	501	266	88.3%	356	40.7%
PETRO OUTRIGHT EURO	S5M	2,983	3,659	-18.5%	3,174	-6.0%
PETRO OUTRIGHT EURO	S5O	1,074	6,336	-83.0%	1,254	-14.4%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-
PETRO OUTRIGHT EURO	SR5	196	0	-	110	78.2%
PETRO OUTRIGHT EURO	TLB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-
PETRO OUTRIGHT NA	A8B	0	30	-100.0%	100	-100.0%
PETRO OUTRIGHT NA	AB6	25	955	-97.4%	75	-66.7%
PETRO OUTRIGHT NA	BCR	1,100	750	46.7%	450	144.4%
PETRO OUTRIGHT NA	FCB	0	0	-	0	-
PETRO OUTRIGHT NA	JE	0	40	-100.0%	0	-
PETRO OUTRIGHT NA	JET	1,650	925	78.4%	675	144.4%
PETRO OUTRIGHT NA	JTB	150	540	-72.2%	0	-
PETRO OUTRIGHT NA	MBL	275	375	-26.7%	310	-11.3%
PETRO OUTRIGHT NA	MEN	20	55	-63.6%	45	-55.6%
PETRO OUTRIGHT NA	MEO	135	348	-61.2%	249	-45.8%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	0	17,725	-100.0%	0	-
PJM AD HUB 5MW REAL TIME	Z9	0	955	-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	159,525	-100.0%	0	-
PJM WESTH RT PEAK	L1	11,970	32,964	-63.7%	13,419	-10.8%
PLASTICS	PGP	3,782	3,717	1.7%	4,003	-5.5%
PREMIUM UNLD 10P FOB MED	3G	15	150	-90.0%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,466	1,152	27.3%	1,047	40.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	40,239	46,419	-13.3%	41,154	-2.2%
RBOB CALENDAR SWAP	RL	18,713	12,226	53.1%	14,207	31.7%
RBOB CRACK SPREAD	RM	4,840	17,779	-72.8%	4,650	4.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	1,055	2,032	-48.1%	314	236.0%
RBOB PHY	MRB	0	0	-	5	-100.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	280	375	-25.3%	305	-8.2%
SINGAPORE 180CST BALMO	BS	4	0	-	0	-
SINGAPORE 380CST BALMO	BT	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	SE	258	422	-38.9%	257	0.4%
SINGAPORE FUEL 180CST CAL	UA	3	0	-	8	-62.5%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	SD	94	0	-	107	-12.1%
SINGAPORE GASOIL	MAF	6	703	-99.1%	34	-82.4%

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Energy Futures						
SINGAPORE GASOIL	MTB	0	41	-100.0%	0	-
SINGAPORE GASOIL	MTS	296	688	-57.0%	408	-27.5%
SINGAPORE GASOIL	SBM	0	65	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	MSG	73	432	-83.1%	55	32.7%
SINGAPORE GASOIL SWAP	SG	1,200	898	33.6%	800	50.0%
SINGAPORE GASOIL VS ICE	GA	1,926	5,335	-63.9%	2,148	-10.3%
SINGAPORE JET KERO GASOIL	RK	1,692	4,095	-58.7%	1,899	-10.9%
SINGAPORE JET KEROSENE SW	KS	0	375	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	100	210	-52.4%	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	250	500	-50.0%	25	900.0%
TC2 ROTTERDAM TO USAC 37K	TM	222	193	15.0%	100	122.0%
TC5 RAS TANURA TO YOKOHAM	TH	100	175	-42.9%	110	-9.1%
TD3 MEG TO JAPAN 250K MT	TL	1,910	4,580	-58.3%	1,975	-3.3%
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	8,634	5,598	54.2%	4,450	94.0%
UP DOWN GC ULSD VS NMX HO	LT	29,474	36,202	-18.6%	28,175	4.6%
WTI-BRENT CALENDAR SWAP	BK	107,194	112,204	-4.5%	107,248	-0.1%
WTI CALENDAR	CS	143,873	174,791	-17.7%	147,885	-2.7%
WTI MIDLAND CRUDE OIL	WTL	790	0	-	500	58.0%
WTS (ARGUS) VS WTI SWAP	FF	15,216	31,087	-51.1%	16,497	-7.8%
WTS (ARGUS) VS WTI TRD MT	FH	2,410	8,105	-70.3%	2,085	15.6%
Energy Options						
BRENT CALENDAR SWAP	BA	2,440	3,092	-21.1%	2,537	-3.8%
BRENT CRUDE OIL 1 M CSO	9C	12,350	5,300	133.0%	18,400	-32.9%
BRENT OIL LAST DAY	BE	29,907	59,966	-50.1%	28,907	3.5%
BRENT OIL LAST DAY	BZO	24,175	92,071	-73.7%	22,319	8.3%
COAL API2 INDEX	F2C	90	245	-63.3%	90	0.0%
COAL API2 INDEX	F2Q	0	0	-	0	-
CRUDE OIL	6Y	0	0	-	0	-
CRUDE OIL 1MO	WA	156,500	197,933	-20.9%	155,525	0.6%
CRUDE OIL APO	AO	152,964	270,849	-43.5%	148,354	3.1%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-
CRUDE OIL OUTRIGHTS	ECCL	0	0	-	0	0.0%
CRUDE OIL PHY	LC	44,106	109,647	-59.8%	46,671	-5.5%
CRUDE OIL PHY	LO	2,337,196	2,369,265	-1.4%	2,079,783	12.4%
CRUDE OIL PHY	LO1	11,115	13,018	-14.6%	18,185	-38.9%
CRUDE OIL PHY	LO2	2,072	2,466	-16.0%	2,870	-27.8%
CRUDE OIL PHY	LO3	67	0	-	1,870	-96.4%
CRUDE OIL PHY	LO4	0	195	-100.0%	257	-100.0%
CRUDE OIL PHY	LO5	0	1	-100.0%	0	-
CRUDE OIL PHY	MCO	11,060	0	-	8,985	23.1%
CRUDE OIL PHY	MW1	242	0	-	528	-54.2%
CRUDE OIL PHY	MW2	0	0	-	41	-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	3,475	10,528	-67.0%	3,374	3.0%
ETHANOL SWAP	GVR	0	0	-	0	-
FREIGHT MARKETS	FLO	0	30	-100.0%	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	2,250	-100.0%	0	-

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Energy Options						
HEATING OIL PHY	FZ	0	0	-	0	-
HEATING OIL PHY	LB	24	975	-97.5%	0	-
HEATING OIL PHY	OH	16,725	12,144	37.7%	13,015	28.5%
HENRY HUB FINANCIAL LAST	E7	42,016	31,481	33.5%	40,499	3.7%
HENRY HUB FINANCIAL LAST	ECNG	0	0	-	0	0.0%
HO 1 MONTH CLNDR OPTIONS	FA	800	0	0.0%	1,400	-42.9%
LLS CRUDE OIL	HTO	800	1,200	-33.3%	900	-11.1%
LLS CRUDE OIL	WTO	4,800	1,200	300.0%	5,175	-7.2%
MCCLOSKEY ARA ARGS COAL	MTO	0	180	-100.0%	0	-
NATURAL GAS	LN1	0	2	-100.0%	0	-
NATURAL GAS	LN2	0	0	-	0	-
NATURAL GAS	LN3	0	1	-100.0%	0	-
NATURAL GAS	LN4	0	0	-	0	-
NATURAL GAS	LN5	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	39,750	27,775	43.1%	39,750	0.0%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	0	-
NATURAL GAS 3 M CSO FIN	G3	122,575	47,800	156.4%	54,575	124.6%
NATURAL GAS 5 M CSO FIN	G5	6,900	20,381	-66.1%	3,500	97.1%
NATURAL GAS 6 M CSO FIN	G6	0	0	-	43,425	-100.0%
NATURAL GAS OPT	JFO	125	0	-	150	-16.7%
NATURAL GAS OPT	JKO	500	6,675	-92.5%	600	-16.7%
NATURAL GAS OPT	TFO	0	2,900	-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	-
NATURAL GAS PHY	LN	3,307,261	2,616,460	26.4%	3,231,988	2.3%
NATURAL GAS PHY	ON	46,567	43,631	6.7%	36,407	27.9%
NATURAL GAS PHY	ON3	0	0	-	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-
NY HARBOR HEAT OIL SWP	AT	12,118	6,838	77.2%	7,030	72.4%
PETROCHEMICALS	4H	3,162	5,514	-42.7%	3,425	-7.7%
PETROCHEMICALS	4J	0	200	-100.0%	0	-
PETROCHEMICALS	4K	0	0	-	0	-
PETROCHEMICALS	CPR	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-
PETRO OUTRIGHT NA	DAP	40	1,310	-96.9%	50	-20.0%
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	144	174	-17.2%	178	-19.1%
RBOB PHY	OB	4,889	2,708	80.5%	4,054	20.6%
RBOB PHY	RF	0	180	-100.0%	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	200	-100.0%	100	-100.0%

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Energy Options						
SHORT TERM NATURAL GAS	U02	0	0	-	0	-
SHORT TERM NATURAL GAS	U03	3,900	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	120,550	170,625	-29.3%	133,000	-9.4%
WTI CRUDE OIL 1 M CSO FI	7A	157,600	23,105	582.1%	131,975	19.4%
Metals Futures						
COMEX GOLD	GC	456,507	569,969	-19.9%	426,890	6.9%
NYMEX HOT ROLLED STEEL	HR	27,742	32,618	-14.9%	24,116	15.0%
NYMEX PLATINUM	PL	57,620	60,843	-5.3%	68,075	-15.4%
PALLADIUM	PA	11,559	6,619	74.6%	11,770	-1.8%
URANIUM	UX	200	800	-75.0%	800	-75.0%
COMEX SILVER	SI	121,387	148,844	-18.4%	123,900	-2.0%
COMEX E-Mini GOLD	QO	809	1,522	-46.8%	1,042	-22.4%
COMEX E-Mini SILVER	QI	596	542	10.0%	364	63.7%
COMEX COPPER	HG	218,280	209,743	4.1%	196,143	11.3%
COMEX MINY COPPER	QC	362	420	-13.8%	331	9.4%
ALUMINUM	A38	0	0	-	0	-
ALUMINUM	AEP	8,100	9,005	-10.0%	7,947	1.9%
ALUMINUM	ALA	670	1,835	-63.5%	770	-13.0%
ALUMINUM	ALI	2,882	388	642.8%	2,505	15.0%
ALUMINUM	AUP	28,083	24,932	12.6%	27,839	0.9%
ALUMINUM	EDP	18,844	18,351	2.7%	19,152	-1.6%
ALUMINUM	MJP	1,020	4,810	-78.8%	905	12.7%
COBALT METAL FUTURES	COB	18,568	1,767	950.8%	17,670	5.1%
COBALT METAL FUTURES	MOX	165	0	-	0	-
COPPER	HGS	15,661	13,720	14.1%	17,245	-9.2%
COPPER	MHG	1,973	0	-	1,805	9.3%
FERROUS PRODUCTS	BUS	6,302	7,333	-14.1%	6,813	-7.5%
FERROUS PRODUCTS	FSF	17	0	-	18	-5.6%
GOLD	4GC	0	0	-	0	-
GOLD	SGC	333	487	-31.6%	368	-9.5%
GOLD	SGU	351	920	-61.8%	445	-21.1%
HOT ROLLED COIL STEEL FUTURES	EHR	6,989	2,228	213.7%	7,102	-1.6%

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Metals Futures						
IRON ORE CHINA	TIO	535	1,444	-63.0%	615	-13.0%
METALS	HDG	1,230	47	2,517.0%	1,325	-7.2%
METALS	LTH	1,038	3	34,500.0%	566	83.4%
METALS	PAC	100	0	-	0	-
MICRO GOLD	MGC	20,750	26,205	-20.8%	20,785	-0.2%
SILVER	SIL	6,790	6,156	10.3%	8,059	-15.7%
Metals Options						
ALUMINUM	ALO	0	350	-100.0%	0	-
ALUMINUM	AX	556	0	-	215	158.6%
COMEX COPPER	HX	103,294	42,275	144.3%	114,535	-9.8%
COMEX GOLD	ECGC	0	0	-	0	0.0%
COMEX GOLD	OG	806,095	791,011	1.9%	654,345	23.2%
COMEX SILVER	ECSI	0	0	-	0	0.0%
COMEX SILVER	SO	117,200	86,461	35.6%	98,392	19.1%
COPPER	ECHG	0	0	-	0	0.0%
COPPER	H1E	224	26	761.5%	213	5.2%
COPPER	H1M	145	0	-	87	66.7%
COPPER	H1W	441	0	-	369	19.5%
COPPER	H2E	122	73	67.1%	137	-10.9%
COPPER	H2M	145	0	-	23	530.4%
COPPER	H2W	26	0	-	17	52.9%
COPPER	H3E	52	11	372.7%	64	-18.8%
COPPER	H3M	72	0	-	79	-8.9%
COPPER	H3W	65	0	-	78	-16.7%
COPPER	H4E	0	2	-100.0%	0	-
COPPER	H4M	0	0	-	0	0.0%
COPPER	H4W	0	0	-	0	-
COPPER	H5E	0	0	-	0	-
COPPER	H5M	0	0	-	0	-
COPPER	H5W	0	0	-	0	-
GOLD	G1M	5,354	0	-	2,265	136.4%
GOLD	G1W	3,052	0	-	3,418	-10.7%
GOLD	G2M	2,762	0	-	1,550	78.2%
GOLD	G2W	1,759	0	-	2,386	-26.3%
GOLD	G3M	610	0	-	926	-34.1%
GOLD	G3W	676	0	-	236	186.4%
GOLD	G4M	48	0	-	4	1,100.0%
GOLD	G4W	67	0	-	252	-73.4%
GOLD	G5M	0	0	-	0	-
GOLD	G5W	0	0	-	0	-
GOLD	OG1	11,342	22,968	-50.6%	9,550	18.8%
GOLD	OG2	6,555	11,384	-42.4%	3,890	68.5%
GOLD	OG3	1,366	7,305	-81.3%	1,820	-24.9%
GOLD	OG4	0	424	-100.0%	177	-100.0%
GOLD	OG5	0	0	-	0	-
IRON ORE CHINA	ICT	0	50	-100.0%	0	-
NYMEX HOT ROLLED STEEL	HRO	8,310	4,180	98.8%	9,280	-10.5%
NYMEX PLATINUM	PO	18,502	9,267	99.7%	16,986	8.9%
PALLADIUM	PAO	2,036	35	5,717.1%	1,749	16.4%
SILVER	M1S	682	0	-	464	47.0%
SILVER	M2S	607	0	-	68	792.6%
SILVER	M3S	13	0	-	41	-68.3%

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	Commodity	Open Interest MAR 2023	Open Interest MAR 2022	% CHG	Open Interest FEB 2023	% CHG
Metals Options						
SILVER	M4S	5	0	-	0	0.0%
SILVER	M5S	0	0	-	0	-
SILVER	SO1	2,703	2,022	33.7%	2,135	26.6%
SILVER	SO2	436	1,074	-59.4%	612	-28.8%
SILVER	SO3	160	454	-64.8%	532	-69.9%
SILVER	SO4	0	51	-100.0%	3	-100.0%
SILVER	SO5	0	0	-	0	-
SILVER	W1S	568	0	-	383	48.3%
SILVER	W2S	68	0	-	423	-83.9%
SILVER	W3S	54	0	-	39	38.5%
SILVER	W4S	0	0	-	1	-100.0%
SILVER	W5S	0	0	-	0	-
TOTAL FUTURES GROUP						
Ag Products Futures		0	0	-	0	-
Energy Futures		6,596,942	6,681,995	-1.3%	6,296,377	4.8%
Metals Futures		1,035,463	1,151,551	-10.1%	995,365	4.0%
TOTAL FUTURES		7,632,405	7,833,546	-2.6%	7,291,742	4.7%
TOTAL OPTIONS GROUP						
Energy Options		6,679,229	6,168,522	8.3%	6,290,116	6.2%
Metals Options		1,096,172	979,423	11.9%	927,744	18.2%
TOTAL OPTIONS		7,775,401	7,147,945	8.8%	7,217,860	7.7%
TOTAL COMBINED						
Ag Products		0	0	-	0	-
Energy		13,276,171	12,850,517	3.3%	12,586,493	5.5%
Metals		2,131,635	2,130,974	0.0%	1,923,109	10.8%
GRAND TOTAL		15,407,806	14,981,491	2.8%	14,509,602	6.2%