

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Futures									
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
Energy Futures									
CRUDE OIL PHY	CL	13,691,713	14,809,729	-7.5%	16,355,332	-16.3%	204,473,362	205,997,830	-0.7%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	1,000	-100.0%
MINY WTI CRUDE OIL	QM	217,725	386,580	-43.7%	287,071	-24.2%	3,637,556	6,940,633	-47.6%
BRENT OIL LAST DAY	BZ	1,083,025	1,142,151	-5.2%	1,383,608	-21.7%	15,045,375	17,359,000	-13.3%
HEATING OIL PHY	HO	2,673,070	2,924,628	-8.6%	3,390,397	-21.2%	39,297,744	39,668,782	-0.9%
HTG OIL	BH	0	0	0.0%	0	0.0%	96	108	-11.1%
MINY HTG OIL	QH	7	8	-12.5%	15	-53.3%	128	107	19.6%
RBOB PHY	RB	2,860,656	2,799,413	2.2%	3,044,268	-6.0%	42,801,006	41,039,130	4.3%
MINY RBOB GAS	QU	7	6	16.7%	5	40.0%	104	101	3.0%
NATURAL GAS	HP	195,299	142,671	36.9%	236,629	-17.5%	2,420,082	1,988,440	21.7%
LTD NAT GAS	HH	459,009	488,201	-6.0%	458,211	0.2%	4,461,734	4,389,074	1.7%
MINY NATURAL GAS	QG	164,801	381,570	-56.8%	184,278	-10.6%	2,579,163	3,792,835	-32.0%
NATURAL GAS PHY	NG	9,899,538	7,342,634	34.8%	8,715,624	13.6%	102,109,201	85,875,540	18.9%
RBOB GAS	RT	0	0	0.0%	0	0.0%	72	72	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	4,140	1,950	112.3%	2,815	47.1%	42,140	65,140	-35.3%
ARGUS PROPAN FAR EST INDE	7E	5,958	6,897	-13.6%	9,026	-34.0%	109,982	73,213	50.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,636	1,924	-15.0%	3,063	-46.6%	33,510	24,334	37.7%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0.0%	85	1,587	-94.6%
BRENT CALENDAR SWAP	CY	423	10,020	-95.8%	6,733	-93.7%	100,530	163,945	-38.7%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	240	-100.0%	0	0.0%	360	490	-26.5%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	-	0	0	0.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAR VINTAGE	GEO	10,199	2,899	251.8%	15,968	-36.1%	118,793	43,081	175.7%
CAR VINTAGE	NGO	10,439	13,830	-24.5%	12,742	-18.1%	83,378	142,991	-41.7%
CEU ENERGY	TFU	0	0	-	0	0.0%	330	0	-
CEU ENERGY	TTG	4,897	0	-	7,532	-35.0%	12,766	0	-
CHICAGO ETHANOL SWAP	CU	75,868	44,214	71.6%	84,030	-9.7%	930,749	697,226	33.5%



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Energy Futures									
CHICAGO ULSD PL VS HO SPR	5C	990	330	200.0%	631	56.9%	11,436	7,453	53.4%
CHICAGO UNL GAS PL VS RBO	3C	100	0	0.0%	300	-66.7%	400	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	334	131	155.0%	131	155.0%	1,167	3,107	-62.4%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	295	521	-43.4%	312	-5.4%	5,501	4,633	18.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	10,906	27,578	-60.5%	14,088	-22.6%	210,043	208,438	0.8%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	2,247	4,098	-45.2%	326	589.3%	6,500	8,817	-26.3%
CRUDE OIL OUTRIGHTS	42	757	603	25.5%	590	28.3%	6,575	10,161	-35.3%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0.0%	0	1,988	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0.0%	0	1,320	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	0	105	-100.0%
CRUDE OIL OUTRIGHTS	HTT	148,441	75,982	95.4%	108,992	36.2%	1,696,233	889,218	90.8%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0.0%	100	4,347	-97.7%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0.0%	0	17,420	-100.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	MCL	1,937,738	1,838,937	5.4%	2,281,953	-15.1%	24,227,359	30,080,874	-19.5%
CRUDE OIL SPRDS	ANT	70	0	0.0%	707	-90.1%	7,940	8,466	-6.2%
CRUDE OIL SPRDS	BKT	0	0	-	0	0.0%	750	0	-
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0.0%	0	3,255	-100.0%
CRUDE OIL SPRDS	WTT	42,709	46,228	-7.6%	54,773	-22.0%	719,890	617,980	16.5%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	-	0	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0.0%	0	2,220	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	5	-100.0%

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Energy Futures									
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	300	0	0.0%	1,500	-80.0%	4,100	2,000	105.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	25,076	0	0.0%	42,596	-41.1%	311,755	14,607	2,034.3%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	18	292	-93.8%	180	-90.0%	1,852	2,303	-19.6%
ELEC FINSETTLED	47	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	CGO	1,110	1,144	-3.0%	2,699	-58.9%	27,156	23,572	15.2%
ETHANOL	MTH	0	0	0.0%	0	0.0%	0	10	-100.0%
ETHANOL	Z1B	0	0	-	0	0.0%	36	0	-
ETHANOL SWAP	MT2	80	230	-65.2%	130	-38.5%	3,100	2,350	31.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	1,631	2,915	-44.0%	5,250	-68.9%	48,707	41,448	17.5%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0.0%	126	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0.0%	0	1,169	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	-	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	UV	51	3	1,600.0%	61	-16.4%	421	563	-25.2%
EUROPEAN GASOIL (ICE)	7F	535	6	8,816.7%	33	1,521.2%	909	13,598	-93.3%
EUROPEAN NAPHTHA BALMO	KZ	0	4	-100.0%	0	0.0%	127	215	-40.9%
EUROPEAN NAPHTHA CRACK SPR	EN	2,689	615	337.2%	2,167	24.1%	38,464	22,315	72.4%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	-	0	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	380	767	-50.5%	880	-56.8%	10,351	7,471	38.5%
EURO PROPANE CIF ARA SWA	PS	812	1,456	-44.2%	1,795	-54.8%	22,966	21,074	9.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	720	0	0.0%	720	0.0%	2,992	1,377	117.3%
FREIGHT MARKETS	CS3	0	0	0.0%	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	CS4	0	0	0.0%	0	0.0%	70	480	-85.4%
FREIGHT MARKETS	FLJ	5	0	0.0%	0	0.0%	51	0	0.0%
FREIGHT MARKETS	FLP	24	7	242.9%	0	0.0%	78	303	-74.3%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	0	36	-100.0%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0.0%	0	785	-100.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TC6	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
FREIGHT MARKETS	TD3	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	294	0	0.0%	0	0.0%	294	1,204	-75.6%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	30	66	-54.5%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARGES	7H	258	64	303.1%	238	8.4%	3,537	2,193	61.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	882	829	6.4%	1,673	-47.3%	23,493	26,841	-12.5%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	0	45	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0.0%	1	76	-98.7%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	12	-100.0%
GASOIL CALENDAR SWAP	GX	6	0	0.0%	9	-33.3%	84	1,013	-91.7%
GASOIL CRACK SPREAD CALEN	GZ	75	0	0.0%	180	-58.3%	780	10,971	-92.9%
GASOIL MINI CALENDAR SWAP	QA	146	40	265.0%	259	-43.6%	2,432	3,217	-24.4%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	4,750	3,425	38.7%	4,538	4.7%	49,865	52,663	-5.3%
GRP THREE UNL GS (PLT) VS	A8	4,335	4,025	7.7%	2,150	101.6%	33,618	36,512	-7.9%
GULF COAST 3% FUEL OIL BA	VZ	0	10	-100.0%	0	0.0%	0	977	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	-	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	5,374	4,959	8.4%	5,910	-9.1%	107,273	105,829	1.4%
GULF COAST NO.6 FUEL OIL	MF	3,126	2,654	17.8%	1,428	118.9%	41,419	52,417	-21.0%
GULF COAST NO.6 FUEL OIL	MG	8,990	12,816	-29.9%	16,093	-44.1%	168,209	107,174	56.9%
GULF COAST ULSD CALENDAR	LY	100	302	-66.9%	180	-44.4%	2,069	2,309	-10.4%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	3,142	177	1,675.1%	200	1,471.0%	4,941	3,687	34.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	127	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	0	1	-100.0%	4	-100.0%	20	103	-80.6%
HENRY HUB SWAP	NN	19,719	36,028	-45.3%	25,510	-22.7%	351,246	331,266	6.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0.0%	415	2,413	-82.8%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	10	428	-97.7%
JAPAN C&F NAPHTHA SWAP	JA	62	126	-50.8%	240	-74.2%	2,124	1,336	59.0%
JAPAN NAPHTHA BALMO SWAP	E6	0	8	-100.0%	0	0.0%	35	14	150.0%
JET CIF NWE VS ICE	JC	12	90	-86.7%	30	-60.0%	234	1,615	-85.5%
JET FUEL UP-DOWN BALMO CL	1M	525	1,305	-59.8%	200	162.5%	11,209	16,671	-32.8%
JKM LNG Futures	JKM	0	0	0.0%	0	0.0%	0	3,609	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	110	75	46.7%	114	-3.5%	2,893	2,409	20.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	290	750	-61.3%	50	480.0%	5,695	4,150	37.2%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	160	-100.0%	0	0.0%	590	253	133.2%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0.0%	0	1,685	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	10,260	10,657	-3.7%	3,675	179.2%	172,810	178,876	-3.4%
MCCLOSKEY ARA ARGS COAL	MTF	165	1,107	-85.1%	855	-80.7%	10,972	56,889	-80.7%
MCCLOSKEY RCH BAY COAL	MFF	0	20	-100.0%	0	0.0%	54	4,171	-98.7%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	0	0.0%	0	0.0%	130	263	-50.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	310	50	520.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	71	398	-82.2%	109	-34.9%	1,488	3,762	-60.4%
MJC FUT	MJC	0	0	0.0%	0	0.0%	60	0	0.0%
MNC FUT	MNC	237	1,400	-83.1%	678	-65.0%	10,185	19,955	-49.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	31,202	28,233	10.5%	26,070	19.7%	381,092	428,656	-11.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	505	755	-33.1%	600	-15.8%	7,835	10,832	-27.7%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	159,955	221,737	-27.9%	196,716	-18.7%	2,646,302	2,120,224	24.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,108	3,311	-36.3%	1,416	48.9%	25,479	32,760	-22.2%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	9,606	30,729	-68.7%	14,496	-33.7%	271,190	297,773	-8.9%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	444	1,755	-74.7%	764	-41.9%	14,021	20,536	-31.7%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	62,180	53,104	17.1%	66,059	-5.9%	817,107	658,998	24.0%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,552	1,698	-8.6%	1,330	16.7%	13,801	18,432	-25.1%
NATURAL GAS	NWM	0	0	0.0%	0	0.0%	480	305	57.4%
NATURAL GAS PEN SWP	NP	30,678	34,092	-10.0%	24,823	23.6%	290,717	512,650	-43.3%
NATURAL GAS PHY	MNG	65,949	0	-	107,339	-38.6%	173,288	0	-
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	0	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%



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Energy Futures									
NEW YORK ETHANOL SWAP	EZ	990	295	235.6%	840	17.9%	9,017	9,777	-7.8%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	-	0	0	0.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	7,333	1,984	269.6%	2,395	206.2%	32,044	17,800	80.0%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	130	-100.0%	0	0.0%	750	1,555	-51.8%
NYH NO 2 CRACK SPREAD CAL	HK	867	330	162.7%	578	50.0%	34,133	17,385	96.3%
NYISO CAPACITY	LHV	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	160	845	-81.1%	1,317	-87.9%	14,329	7,255	97.5%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	236	306	-22.9%	120	96.7%	1,875	1,838	2.0%
PETROCHEMICALS	32	25	148	-83.1%	56	-55.4%	879	671	31.0%
PETROCHEMICALS	3NA	19	9	111.1%	90	-78.9%	607	278	118.3%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	58	15	286.7%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	60	424	-85.8%
PETROCHEMICALS	8I	75	360	-79.2%	24	212.5%	6,113	9,899	-38.2%
PETROCHEMICALS	91	124	499	-75.2%	470	-73.6%	4,559	4,390	3.8%
PETROCHEMICALS	MAA	140	30	366.7%	0	0.0%	1,320	520	153.8%
PETROCHEMICALS	MAE	1,775	955	85.9%	1,680	5.7%	18,156	14,059	29.1%
PETROCHEMICALS	MAS	370	340	8.8%	525	-29.5%	6,019	4,370	37.7%
PETROCHEMICALS	MBE	0	90	-100.0%	0	0.0%	720	850	-15.3%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	476	441	7.9%	815	-41.6%	6,183	3,685	67.8%
PETROCHEMICALS	PMF	0	0	0.0%	0	0.0%	78	14	457.1%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	15,950	13,405	19.0%	18,382	-13.2%	168,913	187,524	-9.9%
PETRO CRCKS & SPRDS NA	EXR	400	171	133.9%	531	-24.7%	3,905	3,024	29.1%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	25	-100.0%	960	700	37.1%

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Energy Futures									
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0.0%	375	150	150.0%
PETRO CRCKS & SPRDS NA	GCU	761	0	0.0%	570	33.5%	1,889	275	586.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	1,480	1,350	9.6%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	120	-100.0%	1,650	577	186.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	575	100	475.0%	1,030	-44.2%	8,130	6,751	20.4%
PETRO CRCKS & SPRDS NA	RVG	1,150	2,035	-43.5%	900	27.8%	13,091	22,431	-41.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	0.0%	12	0	-
PETRO CRK&SPRD EURO	1NB	450	90	400.0%	0	0.0%	715	2,589	-72.4%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0.0%	103	121	-14.9%
PETRO CRK&SPRD EURO	BOB	0	15	-100.0%	0	0.0%	120	620	-80.6%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	5	0	0.0%
PETRO CRK&SPRD EURO	EPN	267	219	21.9%	485	-44.9%	4,946	4,532	9.1%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0.0%	375	867	-56.7%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	9	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	0	0.0%	30	0	-
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	9	15	-40.0%	29	-69.0%	1,016	949	7.1%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0.0%	0	50	-100.0%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0.0%	3	2	50.0%
PETROLEUM PRODUCTS	CMS	100	510	-80.4%	200	-50.0%	1,320	2,100	-37.1%
PETROLEUM PRODUCTS	EWG	249	0	0.0%	0	0.0%	1,757	4,817	-63.5%
PETROLEUM PRODUCTS	H5F	0	235	-100.0%	0	0.0%	535	1,120	-52.2%
PETROLEUM PRODUCTS	JCC	0	400	-100.0%	0	0.0%	9,970	13,966	-28.6%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5F	20	37	-45.9%	29	-31.0%	200	510	-60.8%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0.0%	260	1,148	-77.4%
PETROLEUM PRODUCTS ASIA	E6M	0	10	-100.0%	0	0.0%	75	60	25.0%
PETROLEUM PRODUCTS ASIA	MJN	55	512	-89.3%	120	-54.2%	4,240	7,928	-46.5%

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Energy Futures									
PETRO OUTFRIGHT EURO	0B	0	0.0%	0	0.0%	0	0	0.0%	
PETRO OUTFRIGHT EURO	0C	0	0.0%	0	-	0	0	0.0%	
PETRO OUTFRIGHT EURO	0D	30	-14.3%	70	-57.1%	570	390	46.2%	
PETRO OUTFRIGHT EURO	0E	0	0.0%	0	-	0	0	0.0%	
PETRO OUTFRIGHT EURO	0F	30	-40.0%	30	0.0%	125	59	111.9%	
PETRO OUTFRIGHT EURO	1T	0	0.0%	0	-	0	0	0.0%	
PETRO OUTFRIGHT EURO	5L	30	0.0%	0	0.0%	120	30	300.0%	
PETRO OUTFRIGHT EURO	7I	0	0.0%	0	0.0%	75	285	-73.7%	
PETRO OUTFRIGHT EURO	7R	0	0.0%	0	0.0%	82	46	78.3%	
PETRO OUTFRIGHT EURO	CBB	0	0.0%	0	0.0%	55	0	0.0%	
PETRO OUTFRIGHT EURO	CGB	0	0.0%	0	0.0%	15	30	-50.0%	
PETRO OUTFRIGHT EURO	CPB	310	434	-28.6%	280	10.7%	2,648	2,200	20.4%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	30	72	-58.3%	39	-23.1%	2,583	2,242	15.2%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	JFB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	M1B	319	650	-50.9%	439	-27.3%	9,497	12,239	-22.4%
PETRO OUTFRIGHT EURO	MBB	0	0	0.0%	0	0.0%	60	0	0.0%
PETRO OUTFRIGHT EURO	MBN	595	320	85.9%	550	8.2%	8,358	6,731	24.2%
PETRO OUTFRIGHT EURO	MEF	0	0	0.0%	0	0.0%	82	114	-28.1%
PETRO OUTFRIGHT EURO	MQA	324	0	0.0%	297	9.1%	2,834	218	1,200.0%
PETRO OUTFRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	R5B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	R5M	882	1,463	-39.7%	835	5.6%	12,367	20,485	-39.6%
PETRO OUTFRIGHT EURO	R5O	436	396	10.1%	531	-17.9%	6,836	10,492	-34.8%
PETRO OUTFRIGHT EURO	RBM	0	0	0.0%	0	0.0%	107	122	-12.3%
PETRO OUTFRIGHT EURO	S5B	0	0	0.0%	89	-100.0%	118	5	2,260.0%
PETRO OUTFRIGHT EURO	S5F	128	103	24.3%	285	-55.1%	4,642	1,363	240.6%
PETRO OUTFRIGHT EURO	S5M	1,635	1,935	-15.5%	2,084	-21.5%	20,477	25,745	-20.5%
PETRO OUTFRIGHT EURO	S5O	769	1,088	-29.3%	1,354	-43.2%	10,104	28,131	-64.1%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	SR5	0	9	-100.0%	0	0.0%	240	141	70.2%
PETRO OUTFRIGHT EURO	TLB	0	0	0.0%	0	-	0	0	0.0%



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Energy Futures									
PETRO OUTFRIGHT EURO	ULB	0	100	-100.0%	0	0.0%	600	725	-17.2%
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT NA	A8B	145	0	0.0%	25	480.0%	2,095	2,380	-12.0%
PETRO OUTFRIGHT NA	AB6	0	100	-100.0%	150	-100.0%	3,788	3,980	-4.8%
PETRO OUTFRIGHT NA	BCR	620	3,450	-82.0%	325	90.8%	12,058	29,520	-59.2%
PETRO OUTFRIGHT NA	FCB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	JE	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTFRIGHT NA	JET	525	350	50.0%	2,875	-81.7%	18,494	6,710	175.6%
PETRO OUTFRIGHT NA	JTB	189	0	0.0%	50	278.0%	2,653	2,161	22.8%
PETRO OUTFRIGHT NA	MBL	0	0	0.0%	0	0.0%	217	920	-76.4%
PETRO OUTFRIGHT NA	MEN	0	20	-100.0%	0	0.0%	373	614	-39.3%
PETRO OUTFRIGHT NA	MEO	0	15	-100.0%	36	-100.0%	1,182	3,123	-62.2%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	MMF	0	0	0.0%	0	0.0%	0	20	-100.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0.0%	0	0	0.0%
PLASTICS	PGP	1,934	564	242.9%	1,772	9.1%	16,743	11,212	49.3%
PREMIUM UNLND 10P FOB MED	3G	0	0	0.0%	0	0.0%	15	111	-86.5%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,194	1,997	-40.2%	1,003	19.0%	16,107	20,527	-21.5%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	17,595	22,715	-22.5%	11,377	54.7%	276,752	175,389	57.8%
RBOB CALENDAR SWAP	RL	5,190	4,126	25.8%	3,677	41.1%	87,761	64,290	36.5%
RBOB CRACK SPREAD	RM	535	60	791.7%	40	1,237.5%	21,011	15,272	37.6%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	100	127	-21.3%
RBOB GASOLINE BALMO CLNDR	1D	472	302	56.3%	215	119.5%	10,158	12,827	-20.8%
RBOB PHY	MRB	0	3	-100.0%	2	-100.0%	56	92	-39.1%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0.0%	30	975	-96.9%
SINGAPORE 180CST BALMO	BS	4	0	0.0%	0	0.0%	25	3	733.3%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	22	52	-57.7%	287	-92.3%	2,914	1,375	111.9%

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Energy Futures									
SINGAPORE FUEL 180CST CAL	UA	4	12	-66.7%	3	33.3%	44	15	193.3%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	24	102	-76.5%
SINGAPORE GASOIL	MAF	15	129	-88.4%	0	0.0%	251	4,155	-94.0%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0.0%	0	196	-100.0%
SINGAPORE GASOIL	MTS	118	368	-67.9%	261	-54.8%	3,635	4,013	-9.4%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0.0%	15	332	-95.5%
SINGAPORE GASOIL CALENDAR	MSG	52	34	52.9%	111	-53.2%	843	1,306	-35.5%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	100	-100.0%	8,637	3,155	173.8%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0.0%	21	3,936	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0.0%	0	3,725	-100.0%
SINGAPORE JET KEROSENE SW	KS	0	0	0.0%	0	0.0%	0	405	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	0	0.0%	100	810	-87.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	50	-100.0%	64	-100.0%	4,830	650	643.1%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	172	450	-61.8%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	0	243	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0.0%	0	6,405	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	4,100	4,400	-6.8%	8,700	-52.9%	71,418	70,389	1.5%
UP DOWN GC ULSD VS NMX HO	LT	37,218	23,789	56.5%	37,643	-1.1%	358,307	308,492	16.1%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	0.0%	111	0	-
WTI-BRENT CALENDAR SWAP	BK	37,560	40,920	-8.2%	45,521	-17.5%	595,892	599,792	-0.7%
WTI CALENDAR	CS	79,763	51,464	55.0%	89,735	-11.1%	817,057	719,774	13.5%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0.0%	1,900	900	111.1%
WTS (ARGUS) VS WTI SWAP	FF	6,978	540	1,192.2%	2,100	232.3%	41,284	28,378	45.5%
WTS (ARGUS) VS WTI TRD MT	FH	28	100	-72.0%	150	-81.3%	2,687	7,135	-62.3%
Energy Options									
BRENT CALENDAR SWAP	BA	42	990	-95.8%	550	-92.4%	2,752	4,262	-35.4%
BRENT CRUDE OIL 1 M CSO	9C	800	15,000	-94.7%	1,900	-57.9%	13,900	181,500	-92.3%
BRENT OIL LAST DAY	BE	250	625	-60.0%	14,096	-98.2%	56,889	129,912	-56.2%
BRENT OIL LAST DAY	BZO	4,902	7,025	-30.2%	2,716	80.5%	100,969	194,266	-48.0%
COAL API2 INDEX	F2C	0	50	-100.0%	0	0.0%	475	460	3.3%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0.0%	0	100	-100.0%



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Energy Options									
CRUDE OIL	6Y	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL 1MO	WA	35,425	31,950	10.9%	80,125	-55.8%	814,425	668,528	21.8%
CRUDE OIL APO	AO	19,800	19,816	-0.1%	72,845	-72.8%	399,441	237,774	68.0%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	2,981	11,102	-73.1%	5,072	-41.2%	72,869	23,887	205.1%
CRUDE OIL PHY	LC	18,210	15,460	17.8%	31,422	-42.0%	309,995	389,651	-20.4%
CRUDE OIL PHY	LO	2,041,098	1,708,851	19.4%	3,285,063	-37.9%	30,622,132	28,931,828	5.8%
CRUDE OIL PHY	LO1	27,456	22,589	21.5%	111,901	-75.5%	650,886	396,575	64.1%
CRUDE OIL PHY	LO2	40,406	48,672	-17.0%	46,587	-13.3%	544,444	334,062	63.0%
CRUDE OIL PHY	LO3	18,976	18,054	5.1%	54,700	-65.3%	423,668	213,100	98.8%
CRUDE OIL PHY	LO4	44,215	32,267	37.0%	50,926	-13.2%	556,922	412,535	35.0%
CRUDE OIL PHY	LO5	61,370	23,718	158.7%	0	0.0%	252,388	99,787	152.9%
CRUDE OIL PHY	MCO	20,192	14,888	35.6%	21,786	-7.3%	255,178	70,216	263.4%
CRUDE OIL PHY	ML1	18,192	0	-	19,977	-8.9%	67,263	0	-
CRUDE OIL PHY	ML2	11,385	0	-	7,755	46.8%	49,653	0	-
CRUDE OIL PHY	ML3	14,820	0	-	13,360	10.9%	69,531	0	-
CRUDE OIL PHY	ML4	8,608	0	-	23,319	-63.1%	76,048	0	-
CRUDE OIL PHY	ML5	0	0	-	0	0.0%	17,280	0	-
CRUDE OIL PHY	MW1	1,020	705	44.7%	2,661	-61.7%	21,989	8,236	167.0%
CRUDE OIL PHY	MW2	1,890	1,984	-4.7%	1,753	7.8%	20,683	10,785	91.8%
CRUDE OIL PHY	MW3	2,211	1,297	70.5%	1,698	30.2%	16,585	5,865	182.8%
CRUDE OIL PHY	MW4	1,845	1,384	33.3%	1,996	-7.6%	24,723	11,993	106.1%
CRUDE OIL PHY	MW5	1,413	900	57.0%	0	0.0%	7,874	4,193	87.8%
CRUDE OIL PHY	WL1	18,724	0	-	9,873	89.6%	69,467	0	-
CRUDE OIL PHY	WL2	14,127	0	-	12,625	11.9%	63,446	0	-
CRUDE OIL PHY	WL3	17,194	0	-	2,839	505.6%	56,772	0	-
CRUDE OIL PHY	WL4	14,204	0	-	23,009	-38.3%	82,941	0	-
CRUDE OIL PHY	WL5	0	0	-	23,249	-100.0%	36,065	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	587	855	-31.3%	1,946	-69.8%	30,186	31,535	-4.3%
ETHANOL SWAP	GVR	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	FLO	0	0	0.0%	0	0.0%	0	30	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	0.0%	0	750	-100.0%
HEATING OIL PHY	FZ	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	12	0	0.0%	332	-96.4%	552	382	44.5%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Options									
HEATING OIL PHY	OH	7,828	15,625	-49.9%	15,725	-50.2%	141,822	139,580	1.6%
HENRY HUB FINANCIAL LAST	E7	66,449	10,158	554.2%	28,767	131.0%	296,060	62,972	370.1%
HENRY HUB FINANCIAL LAST	ECNG	2,423	12,609	-80.8%	1,739	39.3%	23,854	22,967	3.9%
HO 1 MONTH CLNDR OPTIONS	FA	1,300	2,550	-49.0%	2,350	-44.7%	42,150	10,525	300.5%
LLS CRUDE OIL	HTO	0	0	0.0%	0	0.0%	0	1,200	-100.0%
LLS CRUDE OIL	WTO	0	0	0.0%	0	0.0%	3,000	4,500	-33.3%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	334	0	0.0%	410	-18.5%	5,025	847	493.3%
NATURAL GAS	LN2	586	0	0.0%	119	392.4%	2,456	1,502	63.5%
NATURAL GAS	LN3	3,583	0	0.0%	54	6,535.2%	5,493	1,072	412.4%
NATURAL GAS	LN4	756	0	0.0%	13	5,715.4%	2,331	1,517	53.7%
NATURAL GAS	LN5	871	0	0.0%	0	0.0%	886	5	17,620.0%
NATURAL GAS 1 M CSO FIN	G4	68,000	136,960	-50.4%	127,109	-46.5%	1,104,966	1,111,981	-0.6%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	1,000	-100.0%	2,250	14,100	-84.0%
NATURAL GAS 3 M CSO FIN	G3	8,250	650	1,169.2%	30,500	-73.0%	670,930	355,190	88.9%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	2,000	-100.0%	10,650	48,250	-77.9%
NATURAL GAS 6 M CSO FIN	G6	1,750	10,250	-82.9%	1,000	75.0%	74,100	113,525	-34.7%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0.0%	0	450	-100.0%
NATURAL GAS OPT	JKO	0	0	0.0%	0	0.0%	0	6,450	-100.0%
NATURAL GAS OPT	TFO	0	0	0.0%	0	0.0%	0	700	-100.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	0	0.0%	1,800	-100.0%	1,800	600	200.0%
NATURAL GAS PHY	KD	700	1,950	-64.1%	950	-26.3%	10,250	16,980	-39.6%
NATURAL GAS PHY	LN	3,132,995	2,057,164	52.3%	3,426,723	-8.6%	34,218,134	23,906,492	43.1%
NATURAL GAS PHY	ON	90,096	62,879	43.3%	89,449	0.7%	1,113,605	970,874	14.7%
NATURAL GAS PHY	ON3	0	0	-	0	0.0%	2	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	12,658	2,806	351.1%	5,973	111.9%	53,102	25,294	109.9%
PETROCHEMICALS	4H	0	900	-100.0%	0	0.0%	412	4,214	-90.2%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4K	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0.0%	90	375	-76.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	-	0	0	0.0%

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Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Options									
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	500	3,600	-86.1%
RBOB CALENDAR SWAP	RA	12	0	0.0%	0	0.0%	72	3,605	-98.0%
RBOB PHY	OB	949	1,109	-14.4%	833	13.9%	32,421	42,607	-23.9%
RBOB PHY	RF	45	0	0.0%	632	-92.9%	882	1,540	-42.7%
SHORT TERM	U11	0	0	0.0%	0	0.0%	50	400	-87.5%
SHORT TERM	U12	150	200	-25.0%	0	0.0%	200	750	-73.3%
SHORT TERM	U13	200	0	0.0%	200	0.0%	1,150	100	1,050.0%
SHORT TERM	U14	200	0	0.0%	100	100.0%	550	500	10.0%
SHORT TERM	U15	0	0	0.0%	100	-100.0%	100	50	100.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	350	-100.0%
SHORT TERM	U23	0	0	-	0	0.0%	100	0	-
SHORT TERM	U24	0	0	0.0%	0	0.0%	100	100	0.0%
SHORT TERM	U25	0	0	0.0%	0	0.0%	100	400	-75.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	500	250	100.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	250	-100.0%	400	0	0.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	200	-100.0%	4,350	0	0.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	300	950	-68.4%
SHORT TERM NATURAL GAS	U05	0	200	-100.0%	0	0.0%	1,200	700	71.4%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	600	-100.0%	750	550	36.4%
SHORT TERM NATURAL GAS	U07	100	0	0.0%	0	0.0%	100	925	-89.2%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	50	-100.0%	650	200	225.0%
SHORT TERM NATURAL GAS	U09	0	100	-100.0%	150	-100.0%	150	100	50.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	100	-100.0%	550	700	-21.4%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	300	-100.0%	400	0	0.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	50	0	0.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	50	350	-85.7%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	400	600	-33.3%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U21	0	200	-100.0%	0	0.0%	450	1,150	-60.9%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	100	350	-71.4%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	300	-100.0%	650	100	550.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	1,800	200	800.0%

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Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOIUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Options									
WTI-BRENT BULLET SWAP	BV	475	9,750	-95.1%	16,075	-97.0%	284,817	385,745	-26.2%
WTI CRUDE OIL 1 M CSO FI	7A	127,600	110,575	15.4%	103,000	23.9%	1,052,920	740,925	42.1%
Metals Futures									
COMEX GOLD	GC	3,746,757	3,254,906	15.1%	5,284,103	-29.1%	56,460,012	54,261,767	4.1%
NYMEX HOT ROLLED STEEL	HR	17,731	19,869	-10.8%	27,132	-34.6%	325,682	260,885	24.8%
NYMEX PLATINUM	PL	698,745	541,880	28.9%	568,411	22.9%	6,178,332	5,177,063	19.3%
PALLADIUM	PA	74,938	42,916	74.6%	161,316	-53.5%	918,175	571,034	60.8%
URANIUM	UX	0	0	0.0%	0	0.0%	5	24	-79.2%
COMEX SILVER	SI	1,257,274	1,123,729	11.9%	1,787,659	-29.7%	18,129,593	17,076,680	6.2%
COMEX E-Mini GOLD	QO	19,000	26,372	-28.0%	23,010	-17.4%	359,231	394,418	-8.9%
COMEX E-Mini SILVER	QI	6,079	4,252	43.0%	7,064	-13.9%	71,979	47,184	52.5%
COMEX COPPER	HG	1,827,046	1,285,682	42.1%	2,649,060	-31.0%	25,697,758	21,538,760	19.3%
COMEX MINY COPPER	QC	3,405	2,111	61.3%	5,781	-41.1%	64,939	41,645	55.9%
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	AEP	2,662	2,211	20.4%	1,068	149.3%	21,158	23,380	-9.5%
ALUMINUM	ALA	0	60	-100.0%	0	0.0%	240	2,030	-88.2%
ALUMINUM	ALI	191,711	53,547	258.0%	161,380	18.8%	1,224,677	419,430	192.0%
ALUMINUM	AUP	6,855	6,399	7.1%	7,574	-9.5%	80,978	85,142	-4.9%
ALUMINUM	EDP	4,660	4,841	-3.7%	7,358	-36.7%	55,714	61,215	-9.0%
ALUMINUM	MJP	0	0	0.0%	0	0.0%	770	3,200	-75.9%
COBALT METAL FUTURES	COB	1,525	3,129	-51.3%	3,635	-58.0%	28,691	17,119	67.6%
COPPER	HGS	1,910	3,498	-45.4%	2,884	-33.8%	18,481	21,429	-13.8%
COPPER	MHG	77,920	54,573	42.8%	93,288	-16.5%	1,220,500	563,707	116.5%
FERROUS PRODUCTS	BUS	1,962	3,922	-50.0%	3,123	-37.2%	16,385	34,505	-52.5%
FERROUS PRODUCTS	FSF	9	0	-	49	-81.6%	328	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	2,074	106	1,856.6%	1,889	9.8%	6,505	7,992	-18.6%
GOLD	SGU	4,694	113	4,054.0%	4,871	-3.6%	12,537	53,552	-76.6%
HOT ROLLED COIL STEEL FUTURES	EHR	4,629	4,968	-6.8%	4,984	-7.1%	60,692	45,735	32.7%
IRON ORE CHINA	TIO	106	740	-85.7%	212	-50.0%	3,175	14,905	-78.7%
LITHIUM CARBONATE FUTURES	LTC	225	0	-	0	0.0%	233	0	-
METALS	HDG	1	5	-80.0%	0	0.0%	1,442	672	114.6%



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Metals Futures									
METALS	LTH	3,514	319	1,001.6%	3,663	-4.1%	20,307	468	4,239.1%
METALS	PAC	0	0	0.0%	0	0.0%	500	1,300	-61.5%
MICRO GOLD	MGC	1,347,954	839,181	60.6%	1,217,754	10.7%	16,368,021	12,541,039	30.5%
MOLYBDENUM OXIDE FUTURES	MOX	395	0	-	164	140.9%	1,701	0	-
SILVER	SIL	199,129	180,078	10.6%	241,586	-17.6%	2,679,782	1,999,924	34.0%
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	2,698	460	486.5%	727	271.1%	15,660	1,697	822.8%
COMEX COPPER	HX	77,922	92,487	-15.7%	79,569	-2.1%	1,381,278	1,058,956	30.4%
COMEX GOLD	ECGC	4,380	5,527	-20.8%	3,098	41.4%	66,538	16,131	312.5%
COMEX GOLD	OG	988,686	571,256	73.1%	1,055,064	-6.3%	12,229,929	9,835,445	24.3%
COMEX SILVER	ECSI	323	2,854	-88.7%	728	-55.6%	34,144	10,666	220.1%
COMEX SILVER	SO	120,915	143,064	-15.5%	157,527	-23.2%	1,834,431	1,451,603	26.4%
COPPER	ECHG	166	2,351	-92.9%	360	-53.9%	27,568	7,586	263.4%
COPPER	H1E	268	868	-69.1%	1,218	-78.0%	12,942	3,419	278.5%
COPPER	H1M	169	40	322.5%	201	-15.9%	2,997	1,624	84.5%
COPPER	H1W	4,087	109	3,649.5%	2,815	45.2%	24,216	1,440	1,581.7%
COPPER	H2E	549	275	99.6%	1,282	-57.2%	9,690	3,397	185.3%
COPPER	H2M	192	439	-56.3%	331	-42.0%	4,406	1,394	216.1%
COPPER	H2W	305	195	56.4%	603	-49.4%	6,087	903	574.1%
COPPER	H3E	740	219	237.9%	888	-16.7%	8,201	2,708	202.8%
COPPER	H3M	139	94	47.9%	533	-73.9%	3,035	891	240.6%
COPPER	H3W	163	93	75.3%	422	-61.4%	3,817	516	639.7%
COPPER	H4E	1,523	273	457.9%	215	608.4%	5,959	3,140	89.8%
COPPER	H4M	29	109	-73.4%	0	0.0%	2,046	591	246.2%
COPPER	H4W	387	244	58.6%	779	-50.3%	3,140	889	253.2%
COPPER	H5E	185	1,187	-84.4%	0	0.0%	1,542	1,897	-18.7%
COPPER	H5M	21	95	-77.9%	0	0.0%	898	455	97.4%
COPPER	H5W	0	0	0.0%	84	-100.0%	1,933	966	100.1%
GOLD	1FG	30	0	-	48	-37.5%	93	0	-
GOLD	1MG	25	0	-	34	-26.5%	59	0	-
GOLD	1WG	96	0	-	17	464.7%	119	0	-
GOLD	2FG	101	0	-	64	57.8%	165	0	-
GOLD	2MG	64	0	-	69	-7.2%	133	0	-

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Metals Options									
GOLD	2WG	20	0	-	226	-91.2%	248	0	-
GOLD	3FG	35	0	-	66	-47.0%	108	0	-
GOLD	3MG	25	0	-	194	-87.1%	219	0	-
GOLD	3WG	22	0	-	27	-18.5%	59	0	-
GOLD	4FG	68	0	-	59	15.3%	131	0	-
GOLD	4MG	18	0	-	0	0.0%	22	0	-
GOLD	4WG	21	0	-	63	-66.7%	85	0	-
GOLD	5FG	130	0	-	0	-	130	0	-
GOLD	5MG	24	0	-	0	0.0%	26	0	-
GOLD	5WG	0	0	-	38	-100.0%	38	0	-
GOLD	G1M	24,539	5,016	389.2%	17,756	38.2%	149,993	37,269	302.5%
GOLD	G1W	31,356	14,705	113.2%	9,183	241.5%	165,798	65,252	154.1%
GOLD	G2M	26,884	11,262	138.7%	15,556	72.8%	152,673	53,978	182.8%
GOLD	G2W	15,705	15,270	2.8%	10,551	48.8%	144,718	59,196	144.5%
GOLD	G3M	12,960	10,018	29.4%	21,270	-39.1%	121,080	39,265	208.4%
GOLD	G3W	14,883	7,468	99.3%	12,954	14.9%	139,185	57,892	140.4%
GOLD	G4M	3,537	1,779	98.8%	0	0.0%	84,146	25,024	236.3%
GOLD	G4W	9,947	3,660	171.8%	17,755	-44.0%	116,771	30,819	278.9%
GOLD	G5M	1,284	1,227	4.6%	0	0.0%	35,813	9,691	269.5%
GOLD	G5W	0	0	0.0%	20,201	-100.0%	47,379	22,942	106.5%
GOLD	OG1	28,574	37,604	-24.0%	50,996	-44.0%	554,759	548,432	1.2%
GOLD	OG2	56,166	43,718	28.5%	51,173	9.8%	606,223	546,231	11.0%
GOLD	OG3	58,545	74,571	-21.5%	56,254	4.1%	597,702	580,856	2.9%
GOLD	OG4	40,498	24,674	64.1%	31,636	28.0%	401,660	432,355	-7.1%
GOLD	OG5	35,394	21,549	64.2%	0	0.0%	178,115	139,154	28.0%
GOLD	OMG	405	0	-	367	10.4%	828	0	-
IRON ORE CHINA	ICT	0	0	0.0%	0	0.0%	360	300	20.0%
NYMEX HOT ROLLED STEEL	COO	15	0	-	0	-	15	0	-
NYMEX HOT ROLLED STEEL	HRO	2,541	725	250.5%	2,894	-12.2%	32,501	18,790	73.0%
NYMEX HOT ROLLED STEEL	LHO	30	0	-	0	-	30	0	-
NYMEX PLATINUM	PO	11,199	847	1,222.2%	13,533	-17.2%	175,768	52,331	235.9%
PALLADIUM	PAO	993	122	713.9%	1,157	-14.2%	10,094	260	3,782.3%
SILVER	M1S	1,044	584	78.8%	3,053	-65.8%	18,455	6,740	173.8%
SILVER	M2S	2,890	1,533	88.5%	2,328	24.1%	23,785	5,924	301.5%
SILVER	M3S	2,375	474	401.1%	2,312	2.7%	16,652	2,410	591.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG	
Metals Options									
SILVER	M4S	204	219	-6.8%	0	0.0%	8,562	2,714	215.5%
SILVER	M5S	241	65	270.8%	0	0.0%	4,163	609	583.6%
SILVER	SO1	3,321	8,981	-63.0%	7,793	-57.4%	86,751	72,452	19.7%
SILVER	SO2	5,925	7,302	-18.9%	6,687	-11.4%	95,532	67,595	41.3%
SILVER	SO3	7,988	6,209	28.7%	5,769	38.5%	81,116	56,460	43.7%
SILVER	SO4	4,877	4,140	17.8%	4,363	11.8%	55,861	41,565	34.4%
SILVER	SO5	5,272	6,567	-19.7%	0	0.0%	25,248	15,796	59.8%
SILVER	W1S	4,367	1,477	195.7%	1,686	159.0%	28,623	5,077	463.8%
SILVER	W2S	2,802	867	223.2%	1,621	72.9%	22,657	5,264	330.4%
SILVER	W3S	2,784	739	276.7%	2,005	38.9%	21,472	3,364	538.3%
SILVER	W4S	3,257	315	934.0%	2,050	58.9%	15,192	1,235	1,130.1%
SILVER	W5S	0	0	0.0%	2,280	-100.0%	6,675	1,468	354.7%
TOTAL FUTURES GROUP									
Ag Products Futures		0	0	0.0%	0	-	0	0	0.0%
Energy Futures		34,195,891	33,144,983	3.2%	37,466,533	-8.7%	454,100,793	448,015,792	1.4%
Metals Futures		9,502,910	7,459,407	27.4%	12,269,018	-22.5%	130,028,523	115,266,204	12.8%
TOTAL FUTURES		43,698,801	40,604,390	7.6%	49,735,551	-12.1%	584,129,316	563,281,996	3.7%
TOTAL OPTIONS GROUP									
Energy Options		5,990,665	4,414,817	35.7%	7,784,652	-23.0%	74,958,921	60,372,771	24.2%
Metals Options		1,627,328	1,135,926	43.3%	1,682,532	-3.3%	19,908,447	15,415,024	29.1%
TOTAL OPTIONS		7,617,993	5,550,743	37.2%	9,467,184	-19.5%	94,867,368	75,787,795	25.2%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOIUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
TOTAL COMBINED								
Ag Products	0	0	0.0%	0		0	0	-
Energy	40,186,556	37,559,800	7.0%	45,251,185	-11.2%	529,059,714	508,388,563	4.1%
Metals	11,130,238	8,595,333	29.5%	13,951,550	-20.2%	149,936,970	130,681,228	14.7%
GRAND TOTAL	51,316,794	46,155,133	11.2%	59,202,735	-13.3%	678,996,684	639,069,791	6.2%