

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	CME ClearPort OCT 2022	CME ClearPort OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
Ag Products Futures																			
COFFEE	KT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%
COTTON	TT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SUGAR 11	YO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	0	0.0%	13,973,241	24,024,542	-0.42	366,407	499,519	-26.6%	0	0	0.0%	171,116,971	203,816,473	-16.0%	3,660,666	4,185,771	-12.5%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,000	3,732	-73.2%
MINY WTI CRUDE OIL	QM	0	0	0.0%	463,840	431,708	0.07	0	0	0.0%	0	0	0.0%	6,121,343	4,162,875	47.0%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,417,149	2,080,706	-0.32	32,940	35,081	-6.1%	0	0	0.0%	14,487,397	20,040,233	-27.7%	263,195	206,012	27.8%
HEATING OIL PHY	HO	0	0	0.0%	3,447,015	3,638,608	-0.05	98,105	247,764	-60.4%	0	0	0.0%	32,977,629	30,197,116	9.2%	1,091,963	1,892,191	-42.3%
HTG OIL	BH	0	0	0.0%	0	0	0	36	12	200.0%	0	0	0.0%	0	0	0.0%	108	124	-12.9%
MINY HTG OIL	QH	0	0	0.0%	10	4	1.5	0	0	0.0%	0	0	0.0%	86	61	41.0%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	2,883,756	3,772,739	-0.24	168,948	223,382	-24.4%	0	0	0.0%	33,842,289	38,487,183	-12.1%	1,503,081	1,901,902	-21.0%
MINY RBOB GAS	QU	0	0	0.0%	7	7	0	0	0	0.0%	0	0	0.0%	90	86	4.7%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	32,982	86,817	-0.62	115,170	178,494	-35.5%	0	0	0.0%	429,033	535,065	-19.8%	1,268,863	1,095,065	15.9%
LTD NAT GAS	HH	0	0	0.0%	243,614	290,241	-0.16	105,279	114,049	-7.7%	0	0	0.0%	2,402,861	2,335,755	2.9%	1,132,148	1,033,729	9.5%
MINY NATURAL GAS	QG	0	0	0.0%	198,820	529,394	-0.62	0	0	0.0%	0	0	0.0%	3,085,527	1,784,819	72.9%	168	0	0.0%
PJM MONTHLY	JM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS PHY	NG	0	0	0.0%	6,296,137	8,878,810	-0.29	115,238	142,395	-19.1%	0	0	0.0%	70,186,789	80,866,141	-13.2%	1,386,518	1,497,191	-7.4%
RBOB GAS	RT	0	0	0.0%	0	0	0	24	24	0.0%	0	0	0.0%	0	0	0.0%	72	84	-14.3%
3.5% FUEL OIL CID MED SWA	7D	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	6,400	5,370	19.2%	0	0	0.0%	0	0	0.0%	60,320	87,347	-30.9%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	6,132	8,271	-25.9%	0	0	0.0%	0	0	0.0%	57,241	61,798	-7.4%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	1,873	2,271	-17.5%	0	0	0.0%	0	0	0.0%	19,383	18,243	6.2%
AUSTRIALIAN COKE COAL	ALW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,587	1,314	20.8%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	8,339	6,171	35.1%	0	0	0.0%	0	0	0.0%	147,977	99,188	49.2%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,000	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	250	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	68	-100.0%

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		Outcry OCT 2022	Outcry OCT 2021		OCT 2022	OCT 2021		ClearPort OCT 2022	ClearPort OCT 2021		Y.T.D 2022	Y.T.D 2021		Y.T.D 2022	Y.T.D 2021		ClearPort Y.T.D 2022	ClearPort Y.T.D 2021	
Energy Futures																			
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAR VINTAGE	GEO	0	0	0.0%	1,402	1,556	-0.1	4,215	400	953.8%	0	0	0.0%	18,586	7,713	141.0%	13,733	1,769	676.3%
CAR VINTAGE	NGO	0	0	0.0%	3,862	1,904	1.03	4,481	2,265	97.8%	0	0	0.0%	41,827	9,483	341.1%	76,935	8,755	778.8%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	175	906	-0.81	58,370	82,214	-29.0%	0	0	0.0%	1,503	3,345	-55.1%	596,175	731,362	-18.5%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	1,540	135	1,040.7%	0	0	0.0%	0	0	0.0%	6,683	3,697	80.8%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	425	-100.0%
CIG BASIS	CI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	H5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME O P	H4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	365	113	223.0%	0	0	0.0%	0	0	0.0%	2,961	3,258	-9.1%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	330	475	-30.5%	0	0	0.0%	0	0	0.0%	3,507	2,982	17.6%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	1	0	0	18,517	16,141	14.7%	0	0	0.0%	75	31	141.9%	160,883	148,563	8.3%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	26	0	0	0.0%	0	0	0	390	266	46.6%	0	0	0.0%	0	0	0.0%	4,022	2,673	50.5%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	418	129	224.0%	0	0	0.0%	0	0	0.0%	9,034	3,033	197.9%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	422	480	-12.1%	0	0	0.0%	0	0	0.0%	1,988	9,906	-79.9%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	60	30	100.0%	0	0	0.0%	0	0	0.0%	1,320	14,019	-90.6%
CRUDE OIL OUTRIGHTS	DAB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	DBL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	105	2,464	-95.7%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	190	0	0	65,609	77,908	-15.8%	0	0	0.0%	190	0	0.0%	722,727	606,520	19.2%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	82	585	-86.0%	0	0	0.0%	0	0	0.0%	4,347	10,282	-57.7%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	140	3,030	-95.4%	0	0	0.0%	0	0	0.0%	17,270	34,342	-49.7%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	17,605	-100.0%	0	2,542	-100.0%
CRUDE OIL PHY	MCL	0	0	0.0%	2,178,545	1,296,285	0.68	0	0	0.0%	0	0	0.0%	26,002,781	4,638,398	460.6%	0	0	0.0%
CRUDE OIL SPRDS	38	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL SPRDS	ANT	0	0	0.0%	0	0	0	330	660	-50.0%	0	0	0.0%	0	0	0.0%	8,466	4,147	104.1%
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	3,255	5,350	-39.2%
CRUDE OIL SPRDS	WTT	0	0	0.0%	35	0	0	43,009	43,423	-1.0%	0	0	0.0%	35	0	0.0%	510,302	253,198	101.5%
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry OCT 2022	Outcry OCT 2021	% CHG	OCT 2022	OCT 2021	CHG	ClearPort OCT 2022	ClearPort OCT 2021	CHG	Outcry Y.T.D 2022	Outcry Y.T.D 2021	CHG	Y.T.D 2022	Y.T.D 2021	CHG	ClearPort Y.T.D 2022	ClearPort Y.T.D 2021	% CHG
Energy Futures																			
DAILY PJM	AOR	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PNO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DAILY PJM	PNP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	7G	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	0	900	-100.0%	0	0	0.0%	0	0	0.0%	2,220	2,715	-18.2%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	30	-83.3%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	BI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,000	0	0.0%
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	0	3,988	-1	0	5,568	-100.0%	0	0	0.0%	10,828	388,948	-97.2%	3,779	42,721	-91.2%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	0	36	-100.0%	0	0	0.0%	12	1	1,100.0%	826	4,338	-81.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	4P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EMMISSIONS	CGO	0	-	-	1,437	-	-	0	-	-	0	-	-	19,037	-	-	0	-	-
ETHANOL	MTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	10	0.0%
ETHANOL SWAP	MT2	0	0	0.0%	0	0	0	300	220	36.4%	0	0	0.0%	0	0	0.0%	1,965	1,813	8.4%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	2,783	4,932	-43.6%	0	0	0.0%	0	0	0.0%	34,878	36,941	-5.6%
EURO 3.5% FUEL OIL RDM B	KR	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	46	-100.0%
EURO 3.5% FUEL OIL SPREAD	FK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	3	-	-
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	0	1,187	-100.0%	0	0	0.0%	0	0	0.0%	1,169	2,767	-57.8%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	84	-100.0%

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Commodity Indicator		Outcry	Outcry	%	OCT	ELEC	%	ClearPort	ClearPort	%	Outcry	Outcry	%	Y.T.D	Y.T.D	%	ClearPort	ClearPort	%
		OCT	OCT	CHG	2022	OCT	CHG	OCT	OCT	CHG	Y.T.D	Y.T.D	CHG	2022	2021	CHG	Y.T.D	Y.T.D	CHG
		2022	2021			2021		2022	2021		2022	2021					2022	2021	
Energy Futures																			
EUROPE 1% FUEL OIL RDAM C	UH	-	0	0.0%	-	0	0	-	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	13	46	-71.7%	0	0	0.0%	0	0	0.0%	559	442	26.5%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	99	52	0.9	100	2,554	-96.1%	0	0	0.0%	2,505	454	451.8%	10,958	7,528	45.6%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	181	43	320.9%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	1,292	1,529	-15.5%	0	0	0.0%	0	0	0.0%	21,407	16,426	30.3%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	710	-100.0%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	343	771	-55.5%	0	0	0.0%	0	0	0.0%	5,881	6,079	-3.3%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	2,313	1,975	17.1%	0	0	0.0%	0	0	0.0%	17,897	15,426	16.0%
FREIGHT MARKETS	ACB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	BF1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	119	-100.0%
FREIGHT MARKETS	BF3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	BL2	0	0	0.0%	0	0	0	0	105	-100.0%	0	0	0.0%	0	0	0.0%	1,245	235	429.8%
FREIGHT MARKETS	CS3	0	-	-	0	-		0	-	-	0	-	-	0	-	-	10	-	-
FREIGHT MARKETS	CS4	0	-	-	0	-		0	-	-	0	-	-	0	-	-	360	-	-
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	92	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	68	20	240.0%	0	0	0.0%	0	0	0.0%	296	614	-51.8%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	36	70	-48.6%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	20	309	-93.5%	0	0	0.0%	0	0	0.0%	728	784	-7.1%
FREIGHT MARKETS	T7C	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	TC6	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
FREIGHT MARKETS	TD3	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
FREIGHT MARKETS	USC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	1,192	2,203	-45.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	66	72	-8.3%
FUEL OIL (PLATS) CAR CM	1W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	21	790	-97.3%	0	0	0.0%	0	0	0.0%	1,982	6,877	-71.2%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	1,207	6,252	-80.7%	0	0	0.0%	0	0	0.0%	24,763	52,285	-52.6%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	45	60	-25.0%

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		Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	CME ClearPort OCT 2022	CME ClearPort OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
Energy Futures																			
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	42	-76.2%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	66	163	-59.5%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	12	0	0.0%	0	0	0.0%	0	0	0.0%	12	0	0.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	6	304	-98.0%	0	0	0.0%	0	0	0.0%	977	1,422	-31.3%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	0	1,518	-100.0%	0	0	0.0%	0	0	0.0%	10,959	15,811	-30.7%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	116	295	-60.7%	0	0	0.0%	0	0	0.0%	2,817	3,453	-18.4%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	0	46	-1	0	0	0.0%	0	0	0.0%	0	136	-100.0%	0	102	-100.0%
GROUP THREE UNLEAD GAS (F	A9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	4,826	6,310	-23.5%	0	0	0.0%	0	0	0.0%	46,203	43,935	5.2%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	905	2,250	-59.8%	0	0	0.0%	0	0	0.0%	30,862	26,294	17.4%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	967	712	35.8%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	5,219	16,948	-69.2%	0	0	0.0%	0	0	0.0%	96,448	212,707	-54.7%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	9,657	305	3,066.2%	0	0	0.0%	0	0	0.0%	45,197	18,214	148.1%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	13,424	9,400	42.8%	0	0	0.0%	0	0	0.0%	78,277	24,738	216.4%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	804	4,138	-80.6%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	87	394	-77.9%	0	0	0.0%	0	0	0.0%	3,490	2,905	20.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	127	2,450	-94.8%
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	0	-	-	40	-		0	-	-	0	-	-	66	-	-	0	-	-
HENRY HUB BASIS SWAP	HB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB FINANCIAL LAST	NBP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB INDEX SWAP FUTL	IN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB SWAP	NN	0	0	0.0%	162	0	0	23,384	19,717	18.6%	0	0	0.0%	1,470	31	4,641.9%	279,096	327,610	-14.8%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	0	155	-100.0%	0	0	0.0%	0	0	0.0%	2,193	5,604	-60.9%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	46	-100.0%
INDIANA MISO	FTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,124	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	428	0	0.0%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	141	30	370.0%	0	0	0.0%	0	0	0.0%	1,163	622	87.0%

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		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry OCT 2022	Outcry OCT 2021	% CHG	OCT 2022	OCT 2021	CHG	ClearPort OCT 2022	ClearPort OCT 2021	CHG	Outcry Y.T.D 2022	Outcry Y.T.D 2021	CHG	Y.T.D 2022	Y.T.D 2021	CHG	ClearPort Y.T.D 2022	ClearPort Y.T.D 2021	% CHG
Energy Futures																			
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	12	-50.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	24	45	-46.7%	0	0	0.0%	0	0	0.0%	1,525	1,364	11.8%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	245	1,255	-80.5%	0	0	0.0%	0	0	0.0%	15,241	15,839	-3.8%
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	335	192	74.5%	0	0	0.0%	0	0	0.0%	3,223	5,593	-42.4%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	10	130	-92.3%	0	0	0.0%	0	0	0.0%	2,291	1,945	17.8%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	225	-100.0%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	50	1,025	-95.1%	0	0	0.0%	0	0	0.0%	3,375	5,020	-32.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	93	2,450	-96.2%
LOS ANGELES CARB GASOLIN	MH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	1,685	1,750	-3.7%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	15,185	18,893	-19.6%	0	0	0.0%	0	0	0.0%	156,346	184,891	-15.4%
MARS BLEND CRUDE OIL	MB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	265	1,645	-0.84	661	17,054	-96.1%	0	0	0.0%	6,259	21,282	-70.6%	47,391	116,580	-59.3%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	4	-1	80	1,068	-92.5%	0	0	0.0%	140	217	-35.5%	3,996	8,822	-54.7%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	NF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	263	125	110.4%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	391	-87.2%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	130	429	-69.7%	0	0	0.0%	0	0	0.0%	3,054	5,819	-47.5%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
MNC FUT	MNC	0	0	0.0%	0	0	0	1,545	1,111	39.1%	0	0	0.0%	0	0	0.0%	16,897	8,354	102.3%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	32,072	41,445	-22.6%	0	0	0.0%	310	325	-4.6%	362,274	291,928	24.1%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	220	4,571	-95.2%	0	0	0.0%	0	0	0.0%	8,901	8,398	6.0%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	198	37	4.35	192,423	225,124	-14.5%	0	0	0.0%	527	494	6.7%	1,698,381	1,884,956	-9.9%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	1,593	3,076	-48.2%	0	0	0.0%	0	0	0.0%	27,070	31,873	-15.1%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	46	0	0	27,068	13,249	104.3%	0	0	0.0%	221	0	0.0%	246,632	145,847	69.1%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	2,814	710	296.3%	0	0	0.0%	0	0	0.0%	16,388	6,465	153.5%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	15	-1	57,789	63,897	-9.6%	0	0	0.0%	0	40	-100.0%	545,470	553,095	-1.4%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	2,247	1,469	53.0%	0	0	0.0%	0	0	0.0%	15,157	12,816	18.3%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	15	-1	33,039	57,361	-42.4%	0	0	0.0%	0	133	-100.0%	451,404	542,601	-16.8%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH O	P8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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		Open	Open		ELEC			CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity Indicator		Outcry OCT 2022	Outcry OCT 2021	% CHG	OCT 2022	OCT 2021	CHG	ClearPort OCT 2022	ClearPort OCT 2021	CHG	Outcry Y.T.D 2022	Outcry Y.T.D 2021	% CHG	Y.T.D 2022	Y.T.D 2021	% CHG	ClearPort Y.T.D 2022	ClearPort Y.T.D 2021	% CHG
Energy Futures																			
NEPOOL NE MASS 5MW D AH P	P7	-	0	0.0%	-	0	0	-	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	605	420	44.0%	0	0	0.0%	0	0	0.0%	8,992	1,570	472.7%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NGPL TEX/OK	PD	-	0	0.0%	-	0	0	-	0	0.0%	-	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALE	UT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	-	0	0.0%	-	0	0	-	0	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%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	0	1,038	1,889	-45.1%	0	0	0.0%	72	24	200.0%	12,417	10,080	23.2%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,570	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	75	325	-76.9%	0	0	0.0%	0	0	0.0%	1,350	2,224	-39.3%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	1,344	2,234	-39.8%	0	0	0.0%	0	0	0.0%	16,950	16,483	2.8%
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	NRS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	-	0	0.0%	-	0	0	-	0	0.0%	-	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	0.0%	0	0	0.0%	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	D4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE J 5MW D AH PK	D3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYMEX ALUMINUM FUTURES	AN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	840	600	40.0%	0	0	0.0%	0	0	0.0%	5,412	650	732.6%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	82	286	-71.3%	0	0	0.0%	0	0	0.0%	1,390	1,703	-18.4%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	92	137	-32.8%	0	0	0.0%	0	0	0.0%	425	617	-31.1%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	45	21	114.3%	0	0	0.0%	0	0	0.0%	267	149	79.2%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	424	147	188.4%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	1,683	1,356	24.1%	0	0	0.0%	0	0	0.0%	9,339	11,935	-21.8%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC			CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity Indicator		Outcry OCT 2022	Outcry OCT 2021	% CHG	OCT 2022	ELEC OCT 2021	% CHG	ClearPort OCT 2022	ClearPort OCT 2021	% CHG	Outcry Y.T.D 2022	Outcry Y.T.D 2021	% CHG	Y.T.D 2022	Y.T.D 2021	% CHG	ClearPort Y.T.D 2022	ClearPort Y.T.D 2021	% CHG
Energy Futures																			
PETROCHEMICALS	91	0	0	0.0%	0	0	0	377	691	-45.4%	0	0	0.0%	0	0	0.0%	3,211	3,944	-18.6%
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	0	130	-100.0%	0	0	0.0%	0	0	0.0%	460	425	8.2%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	1,292	2,135	-39.5%	0	0	0.0%	0	0	0.0%	11,582	9,260	25.1%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	310	1,265	-75.5%	0	0	0.0%	0	0	0.0%	3,570	3,655	-2.3%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	0	170	-100.0%	0	0	0.0%	0	0	0.0%	710	650	9.2%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	2,039	-99.3%
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	329	317	3.8%	0	0	0.0%	0	0	0.0%	2,626	3,737	-29.7%
PETROCHEMICALS	NWM	0	-	-	0	-		305	-	-	0	-	-	0	-	-	305	-	-
PETROCHEMICALS	PMF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	14	9	55.6%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	11,592	25,087	-53.8%	0	0	0.0%	0	0	0.0%	164,289	210,326	-21.9%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	132	618	-78.6%	0	0	0.0%	0	0	0.0%	2,681	6,285	-57.3%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	700	655	6.9%
PETRO CRCKS & SPRDS NA	GCC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	370	-59.5%
PETRO CRCKS & SPRDS NA	GCM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	275	880	-68.8%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,350	460	193.5%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	0	575	-100.0%	0	0	0.0%	0	0	0.0%	577	3,880	-85.1%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	145	-100.0%
PETRO CRCKS & SPRDS NA	NYF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	673	2,687	-75.0%	0	0	0.0%	0	0	0.0%	6,626	15,114	-56.2%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	1,720	0	0.0%	0	0	0.0%	0	0	0.0%	19,535	11,370	71.8%
PETRO CRCKS & SPRDS NA	SF3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	336	0	0.0%	0	0	0.0%	0	0	0.0%	2,121	383	453.8%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	121	21	476.2%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	0	207	-100.0%	0	0	0.0%	0	0	0.0%	605	1,180	-48.7%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	374	456	-18.0%	0	0	0.0%	0	0	0.0%	3,965	5,141	-22.9%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	40	60	-33.3%	0	0	0.0%	0	0	0.0%	827	836	-1.1%
PETRO CRK&SPRD EURO	FVB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	GCB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Commodity Indicator		Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	CME ClearPort OCT 2022	CME ClearPort OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
Energy Futures																			
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	9	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	70	-100.0%
PETRO CRK&SPRD EURO	MUD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	75	11	581.8%	0	0	0.0%	0	0	0.0%	917	483	89.9%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	717	-93.0%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	3	-33.3%
PETROLEUM PRODUCTS	CMS	0	0	0.0%	0	0	0	350	300	16.7%	0	0	0.0%	0	0	0.0%	1,590	730	117.8%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	150	1,538	-90.2%	0	0	0.0%	0	0	0.0%	4,767	4,948	-3.7%
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0	0	150	0	0.0%	0	0	0.0%	0	0	0.0%	785	60	1,208.3%
PETROLEUM PRODUCTS	JCC	0	0	0.0%	0	50	-1	2,250	600	275.0%	0	0	0.0%	0	50	-100.0%	13,516	2,100	543.6%
PETROLEUM PRODUCTS	MME	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	14	-100.0%
PETROLEUM PRODUCTS	NCC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETROLEUM PRODUCTS	R5F	0	0	0.0%	0	0	0	24	86	-72.1%	0	0	0.0%	0	0	0.0%	456	442	3.2%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	1,148	341	236.7%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	50	10	400.0%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	320	491	-34.8%	0	0	0.0%	0	0	0.0%	7,176	2,614	174.5%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	223	-100.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	62	56	10.7%	0	0	0.0%	0	0	0.0%	295	876	-66.3%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	9	9	0.0%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
PETRO OUTRIGHT EURO	63	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	285	50	470.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	8	20	-60.0%	0	0	0.0%	0	0	0.0%	46	62	-25.8%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	33	-100.0%

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Commodity Indicator		Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	CME ClearPort OCT 2022	CME ClearPort OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
Energy Futures																			
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	0	0.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	12	60	-80.0%	0	0	0.0%	0	0	0.0%	1,686	3,482	-51.6%
PETRO OUTRIGHT EURO	EFF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	12	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	480	434	10.6%	0	0	0.0%	0	0	0.0%	1,765	2,007	-12.1%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	GNO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	JFB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	M1B	0	0	0.0%	0	0	0	817	851	-4.0%	0	0	0.0%	0	0	0.0%	11,015	12,692	-13.2%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	240	-100.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	410	284	44.4%	0	0	0.0%	0	0	0.0%	6,021	3,550	69.6%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	94	2,337	-96.0%
PETRO OUTRIGHT EURO	MQA	0	0	0.0%	0	0	0	0	35	-100.0%	0	0	0.0%	0	0	0.0%	188	65	189.2%
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0	0	0	35	-100.0%	0	0	0.0%	0	0	0.0%	0	127	-100.0%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	56	-100.0%
PETRO OUTRIGHT EURO	R5M	0	0	0.0%	0	0	0	1,440	1,880	-23.4%	0	0	0.0%	0	0	0.0%	17,717	11,740	50.9%
PETRO OUTRIGHT EURO	R5O	0	0	0.0%	0	0	0	511	649	-21.3%	0	0	0.0%	0	0	0.0%	9,624	7,016	37.2%
PETRO OUTRIGHT EURO	RBM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	112	34	229.4%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	5	0.0%
PETRO OUTRIGHT EURO	S5F	0	0	0.0%	0	0	0	101	85	18.8%	0	0	0.0%	0	0	0.0%	1,150	1,080	6.5%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	0	2,074	2,005	3.4%	0	0	0.0%	0	0	0.0%	21,714	17,417	24.7%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	0	712	1,903	-62.6%	0	0	0.0%	0	0	0.0%	25,981	11,143	133.2%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	0	1,400	-100.0%
PETRO OUTRIGHT EURO	SR5	0	-	-	0	-		12	-	-	0	-	-	0	-	-	120	-	-
PETRO OUTRIGHT EURO	T0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	T2B	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	TLB	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
PETRO OUTRIGHT EURO	ULB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	UNB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	132	-100.0%	0	0	0.0%	0	0	0.0%	0	450	-100.0%
PETRO OUTRIGHT NA	A8B	0	0	0.0%	0	0	0	50	215	-76.7%	0	0	0.0%	0	0	0.0%	2,305	1,090	111.5%
PETRO OUTRIGHT NA	AB6	0	0	0.0%	0	0	0	590	145	306.9%	0	0	0.0%	0	0	0.0%	3,445	1,930	78.5%

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Energy Futures																			
PETRO OUTRIGHT NA	BCR	0	0	0.0%	0	0	0	2,050	3,042	-32.6%	0	0	0.0%	0	0	0.0%	25,170	18,507	36.0%
PETRO OUTRIGHT NA	DBB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	0	32	-100.0%	0	0	0.0%	0	0	0.0%	0	32	-100.0%
PETRO OUTRIGHT NA	H5B	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	275	-78.2%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	975	450	116.7%	0	0	0.0%	0	0	0.0%	5,785	4,025	43.7%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	2,136	665	221.2%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	75	282	-73.4%	0	0	0.0%	0	0	0.0%	860	671	28.2%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	0	95	-100.0%	0	0	0.0%	0	0	0.0%	581	627	-7.3%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	302	294	2.7%	0	0	0.0%	0	0	0.0%	2,611	4,569	-42.9%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	20	65	-69.2%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM DAYTON DA PEAK	D7	-	0	0.0%	-	0	0	-	0	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%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CA	4N	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PSEG DA OFF-PEAK	W6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PSEG DA PEAK	L6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM WESTH DA OFF-PEAK	E4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM WESTHDA PEAK	J4	-	0	0.0%	-	0	0	-	0	0.0%	-	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PLASTICS	PGP	0	0	0.0%	0	0	0	1,347	1,421	-5.2%	0	0	0.0%	0	0	0.0%	9,919	13,241	-25.1%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	0	180	-100.0%	0	0	0.0%	0	0	0.0%	111	185	-40.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	2,404	915	162.7%	0	0	0.0%	0	0	0.0%	16,530	13,566	21.8%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	14,183	12,554	13.0%	0	0	0.0%	0	0	0.0%	127,836	159,496	-19.9%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	8,402	7,310	14.9%	0	0	0.0%	0	0	0.0%	52,307	68,840	-24.0%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	395	3,099	-87.3%	0	0	0.0%	0	0	0.0%	14,912	21,124	-29.4%
RBOB CRACK SPREAD BALMO	1E	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	127	-	-
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	647	713	-9.3%	0	0	0.0%	0	0	0.0%	12,516	8,002	56.4%

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	Commodity Indicator	Open Outcry	Open Outcry	% CHG	ELEC	ELEC	% CHG	CME ClearPort	CME ClearPort	% CHG	Open Outcry	Open Outcry	% CHG	ELEC	ELEC	% CHG	CME ClearPort	CME ClearPort	% CHG
		OCT 2022	OCT 2021		OCT 2022	OCT 2021		OCT 2022	OCT 2021		Y.T.D 2022	Y.T.D 2021		Y.T.D 2022	Y.T.D 2021		Y.T.D 2022	Y.T.D 2021	
Energy Futures																			
RBOB PHY	MRB	0	-	-	31	-		0	-	-	0	-	-	59	-	-	0	-	-
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	420	0	0.0%	0	0	0.0%	0	0	0.0%	975	1,105	-11.8%
SAN JUAN BASIS SWAP	NJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	0	13	-100.0%	0	0	0.0%	0	0	0.0%	1	23	-95.7%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	12	167	-92.8%	0	0	0.0%	0	0	0.0%	1,303	1,834	-29.0%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	3	0	0.0%	0	0	0.0%	0	0	0.0%	3	0	0.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	12	-100.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	45	0	0.0%	0	0	0.0%	0	0	0.0%	102	0	0.0%
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	77	292	-73.6%	0	0	0.0%	0	0	0.0%	3,957	2,739	44.5%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	196	52	276.9%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	386	494	-21.9%	0	0	0.0%	0	0	0.0%	3,368	3,654	-7.8%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	332	118	181.4%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	61	310	-80.3%	0	0	0.0%	0	0	0.0%	1,246	8,111	-84.6%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	15	586	-97.4%	0	0	0.0%	0	0	0.0%	3,155	13,083	-75.9%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	3,936	10,028	-60.7%
SINGAPORE JET KERO BALMO	BX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,725	1,990	87.2%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	0	640	-100.0%	0	0	0.0%	0	0	0.0%	405	2,135	-81.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	810	610	32.8%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	0	1,620	-100.0%	0	0	0.0%	0	0	0.0%	600	6,556	-90.8%
Sumas Basis Swap	NK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	144	195	-26.2%	0	0	0.0%	0	0	0.0%	438	300	46.0%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	243	620	-60.8%
TCO BASIS SWAP	TC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0	0	40	968	-95.9%	0	0	0.0%	0	0	0.0%	6,285	11,400	-44.9%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	-	0	0.0%	-	0	0	-	0	0.0%	-	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	0.0%	0	0	0.0%	0	2,535	-100.0%	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	7,335	6,290	16.6%	0	0	0.0%	0	0	0.0%	61,479	48,794	26.0%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	21,792	37,642	-42.1%	0	0	0.0%	0	0	0.0%	264,227	347,739	-24.0%
WAHA BASIS	NW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	BY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Energy Futures																			
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	44,545	77,017	-42.2%	0	0	0.0%	0	0	0.0%	515,144	492,059	4.7%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	47,047	52,855	-11.0%	0	0	0.0%	0	0	0.0%	624,500	521,304	19.8%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0	0	600	0	0.0%	0	0	0.0%	0	0	0.0%	900	2,655	-66.1%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	150	7,171	-97.9%	0	0	0.0%	0	0	0.0%	27,622	38,356	-28.0%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7,035	6,075	15.8%
Energy Options																			
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	144	171	-15.8%	0	0	0.0%	0	0	0.0%	3,272	3,061	6.9%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	30,000	1,600	1,775.0%	0	0	0.0%	0	0	0.0%	131,250	198,050	-33.7%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	13,600	32,872	-58.6%	0	0	0.0%	0	0	0.0%	109,537	224,342	-51.2%
BRENT OIL LAST DAY	BZO	0	0	0.0%	3,598	3,028	0.19	10,275	19,050	-46.1%	0	0	0.0%	30,577	31,310	-2.3%	147,512	209,380	-29.5%
BRENT OIL LAST DAY	OS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL API2 INDEX	F2C	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	390	1,390	-71.9%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	100	1,060	-90.6%
CRUDE OIL	6Y	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	WA	0	0	0.0%	400	0	0	18,500	61,130	-69.7%	0	0	0.0%	32,658	42,180	-22.6%	546,495	1,138,860	-52.0%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	23,246	25,856	-10.1%	0	0	0.0%	0	0	0.0%	208,954	318,998	-34.5%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	0	-	-	4,173	-		0	-	-	0	-	-	5,601	-	-	0	-	-
CRUDE OIL PHY	CD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL PHY	LC	0	0	0.0%	0	0	0	27,578	32,490	-15.1%	0	0	0.0%	0	1,400	-100.0%	355,461	118,186	200.8%
CRUDE OIL PHY	LO	0	0	0.0%	1,432,930	2,409,302	-0.41	850,577	530,563	60.3%	0	0	0.0%	18,949,093	19,013,783	-0.3%	5,531,691	5,211,831	6.1%
CRUDE OIL PHY	LO1	0	0	0.0%	30,759	14,208	1.16	6,700	0	0.0%	0	0	0.0%	309,757	184,879	67.5%	8,675	1,025	746.3%
CRUDE OIL PHY	LO2	0	0	0.0%	28,918	33,634	-0.14	0	1,500	-100.0%	0	0	0.0%	240,483	161,641	48.8%	3,025	4,350	-30.5%
CRUDE OIL PHY	LO3	0	0	0.0%	23,796	217	108.66	500	0	0.0%	0	0	0.0%	171,873	121,032	42.0%	950	1,050	-9.5%
CRUDE OIL PHY	LO4	0	0	0.0%	22,382	28,357	-0.21	7,500	1,000	650.0%	0	0	0.0%	323,391	217,140	48.9%	8,330	2,650	214.3%
CRUDE OIL PHY	LO5	0	0	0.0%	0	37,540	-1	0	0	0.0%	0	0	0.0%	73,119	79,307	-7.8%	2,950	0	0.0%
CRUDE OIL PHY	MCO	0	-	-	11,020	-		0	-	-	0	-	-	39,081	-	-	0	-	-
CRUDE OIL PHY	MW1	0	-	-	1,332	-		0	-	-	0	-	-	5,370	-	-	0	-	-
CRUDE OIL PHY	MW2	0	-	-	1,126	-		0	-	-	0	-	-	6,261	-	-	0	-	-
CRUDE OIL PHY	MW3	0	-	-	959	-		0	-	-	0	-	-	3,390	-	-	0	-	-
CRUDE OIL PHY	MW4	0	-	-	1,049	-		0	-	-	0	-	-	7,472	-	-	0	-	-

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry OCT 2022	Outcry OCT 2021	% CHG	OCT 2022	OCT 2021	CHG	ClearPort OCT 2022	ClearPort OCT 2021	CHG	Outcry Y.T.D 2022	Outcry Y.T.D 2021	CHG	Y.T.D 2022	Y.T.D 2021	CHG	ClearPort Y.T.D 2022	ClearPort Y.T.D 2021	% CHG
Energy Options																			
CRUDE OIL PHY	MW5	0	-	-	0	-		0	-	-	0	-	-	3,293	-	-	0	-	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	1,430	6,281	-77.2%	0	0	0.0%	0	0	0.0%	28,769	30,327	-5.1%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLO	0	-	-	0	-		0	-	-	0	-	-	0	-	-	30	-	-
HEATING OIL CRK SPD AVG PR	3W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	750	1,980	-62.1%
HEATING OIL PHY	FZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,225	-100.0%
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	0	252	-100.0%	0	0	0.0%	0	0	0.0%	382	1,911	-80.0%
HEATING OIL PHY	OH	0	0	0.0%	2,129	3,048	-0.3	8,880	6,840	29.8%	0	0	0.0%	22,539	20,412	10.4%	87,097	59,203	47.1%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	5,139	2,677	92.0%	0	0	0.0%	106	40	165.0%	46,257	82,697	-44.1%
HENRY HUB FINANCIAL LAST	ECNG	0	-	-	3,243	-		0	-	-	0	-	-	6,050	-	-	0	-	-
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	1,100	0	0.0%	0	0	0.0%	0	0	0.0%	6,475	200	3,137.5%
LLS CRUDE OIL	HTO	0	-	-	0	-		0	-	-	0	-	-	0	-	-	1,200	-	-
LLS CRUDE OIL	WTO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,500	0	0.0%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	540	-100.0%
MCCLOSKY RCH BAY COAL	MFO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS	LN1	0	-	-	0	-		0	-	-	0	-	-	697	-	-	0	-	-
NATURAL GAS	LN2	0	-	-	0	-		0	-	-	0	-	-	1,452	-	-	50	-	-
NATURAL GAS	LN3	0	-	-	0	-		0	-	-	0	-	-	1,072	-	-	0	-	-
NATURAL GAS	LN4	0	-	-	0	-		0	-	-	0	-	-	1,517	-	-	0	-	-
NATURAL GAS	LN5	0	-	-	0	-		0	-	-	0	-	-	5	-	-	0	-	-
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	550	1,984	-0.72	63,729	136,075	-53.2%	0	0	0.0%	6,250	10,734	-41.8%	891,421	560,074	59.2%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	0	2,700	-100.0%	0	0	0.0%	0	0	0.0%	14,100	22,100	-36.2%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	1,000	0	0.0%	0	0	0.0%	800	200	300.0%	350,490	247,794	41.4%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	46,250	13,400	245.1%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	3,500	7,550	-53.6%	0	0	0.0%	0	0	0.0%	90,900	107,900	-15.8%
NATURAL GAS OPT	JFO	0	-	-	0	-		150	-	-	0	-	-	0	-	-	450	-	-
NATURAL GAS OPT	JKO	0	0	0.0%	0	0	0	0	2,400	-100.0%	0	0	0.0%	0	0	0.0%	5,600	19,060	-70.6%
NATURAL GAS OPT	TFO	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	700	153,770	-99.5%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	600	61,220	-99.0%
NATURAL GAS PHY	KD	0	0	0.0%	0	0	0	300	1,295	-76.8%	0	0	0.0%	0	0	0.0%	14,630	20,450	-28.5%
NATURAL GAS PHY	LN	0	0	0.0%	801,257	600,503	0.33	1,017,786	1,163,797	-12.5%	0	0	0.0%	9,142,053	11,724,374	-22.0%	10,829,845	9,389,634	15.3%
NATURAL GAS PHY	ON	0	0	0.0%	56,626	71,073	-0.2	3,532	8,089	-56.3%	0	0	0.0%	783,168	822,502	-4.8%	60,640	62,554	-3.1%
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry OCT 2022	Outcry OCT 2021	% CHG	OCT 2022	OCT 2021	CHG	ClearPort OCT 2022	ClearPort OCT 2021	CHG	Outcry Y.T.D 2022	Outcry Y.T.D 2021	CHG	Y.T.D 2022	Y.T.D 2021	CHG	ClearPort Y.T.D 2022	ClearPort Y.T.D 2021	% CHG
Energy Options																			
NATURAL GAS WINTER STRIP	6I	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
N ROCKIES PIPE SWAP	ZR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	226	29	6.79	841	696	20.8%	0	0	0.0%	1,881	655	187.2%	18,064	9,008	100.5%
PETROCHEMICALS	4H	0	0	0.0%	0	13	-1	120	330	-63.6%	0	0	0.0%	12	75	-84.0%	3,302	9,437	-65.0%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,315	-100.0%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	180	-100.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	1N5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	375	1,290	-70.9%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	-	-	0	-		300	-	-	0	-	-	0	-	-	3,350	-	-
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	12	84	-85.7%	0	0	0.0%	0	0	0.0%	3,585	1,274	181.4%
RBOB PHY	OB	0	0	0.0%	187	1,463	-0.87	980	6,162	-84.1%	0	0	0.0%	9,134	20,847	-56.2%	30,250	54,824	-44.8%
RBOB PHY	RF	0	0	0.0%	0	0	0	80	0	0.0%	0	0	0.0%	0	0	0.0%	1,510	480	214.6%
SAN JUAN PIPE SWAP	PJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	50	500.0%
SHORT TERM	U12	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	550	100	450.0%
SHORT TERM	U13	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	200	-50.0%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	500	300	66.7%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	350	-85.7%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	350	0	0.0%
SHORT TERM	U23	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM	U24	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	100	100	0.0%
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	300	33.3%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	75	166.7%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	250	225	11.1%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	650	-100.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	950	350	171.4%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	500	200	150.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	550	800	-31.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	925	325	184.6%

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		Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	CME ClearPort OCT 2022	CME ClearPort OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
Energy Options																			
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	50	300.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	100	100.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	350	100	250.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	600	0	0.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	250	300	-16.7%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	950	300	216.7%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	250	0	0.0%	0	0	0.0%	0	0	0.0%	350	100	250.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	250	-60.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	1,875	2,900	-0.35	26,925	24,600	9.5%	0	0	0.0%	10,020	10,000	0.2%	353,575	271,500	30.2%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	300	355	-0.15	47,900	60,750	-21.2%	0	0	0.0%	571	1,390	-58.9%	555,429	705,310	-21.3%

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		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open		ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry	%	OCT	OCT	CHG	ClearPort	ClearPort	CHG	Outcry	Outcry	%	Y.T.D	Y.T.D	CHG	ClearPort	ClearPort	%
Indicator		OCT	OCT		2022	2021		OCT	OCT		Y.T.D	Y.T.D		2022	2021		Y.T.D	Y.T.D	
		2022	2021								2022	2021							
Metals Futures																			
COMEX GOLD	GC	0	0	0.0%	3,927,652	4,065,110	-0.03	71,215	53,904	32.1%	0	0	0.0%	44,523,427	48,292,347	-7.8%	1,064,249	968,449	9.9%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	6,331	4,566	0.39	15,849	18,645	-15.0%	0	0	0.0%	51,249	42,286	21.2%	171,211	166,994	2.5%
NYMEX PLATINUM	PL	0	0	0.0%	404,976	292,422	0.38	11,006	7,099	55.0%	0	0	0.0%	4,100,292	3,550,304	15.5%	101,304	90,738	11.6%
PALLADIUM	PA	0	0	0.0%	38,634	41,136	-0.06	1,487	1,836	-19.0%	0	0	0.0%	434,468	457,920	-5.1%	15,819	24,489	-35.4%
URANIUM	UX	0	0	0.0%	0	53	-1	0	0	0.0%	0	0	0.0%	24	543	-95.6%	0	640	-100.0%
COMEX SILVER	SI	0	0	0.0%	1,322,197	1,163,448	0.14	24,518	20,898	17.3%	0	0	0.0%	13,865,778	16,488,835	-15.9%	238,151	291,734	-18.4%
COMEX E-Mini GOLD	QO	0	0	0.0%	45,577	18,826	1.42	0	0	0.0%	0	0	0.0%	320,033	226,549	41.3%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	4,378	3,776	0.16	0	0	0.0%	0	0	0.0%	38,364	59,142	-35.1%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,808,044	1,764,794	0.02	13,174	21,309	-38.2%	0	0	0.0%	17,581,755	21,245,143	-17.2%	172,716	199,251	-13.3%
COMEX MINY COPPER	QC	0	0	0.0%	2,817	8,878	-0.68	0	0	0.0%	0	0	0.0%	34,953	46,973	-25.6%	0	0	0.0%
ALUMINUM	A38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	174	-100.0%
ALUMINUM	AEP	0	0	0.0%	0	0	0	1,346	1,714	-21.5%	0	0	0.0%	15	32	-53.1%	17,467	26,893	-35.1%
ALUMINUM	ALA	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	1,925	3,645	-47.2%
ALUMINUM	ALI	0	0	0.0%	52,643	14,904	2.53	0	0	0.0%	0	0	0.0%	321,136	116,061	176.7%	59	20	195.0%
ALUMINUM	AUP	0	0	0.0%	206	302	-0.32	9,277	8,804	5.4%	0	0	0.0%	2,887	5,319	-45.7%	68,332	58,188	17.4%
ALUMINUM	CUP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ALUMINUM	EDP	0	0	0.0%	0	0	0	9,623	4,592	109.6%	0	0	0.0%	59	75	-21.3%	52,023	33,269	56.4%
ALUMINUM	MJP	0	0	0.0%	0	0	0	240	1,080	-77.8%	0	0	0.0%	0	0	0.0%	3,100	3,170	-2.2%
COBALT METAL FUTURES	COB	0	0	0.0%	1	0	0	2,708	180	1,404.4%	0	0	0.0%	15	12	25.0%	10,988	2,937	274.1%
COPPER	HGS	0	0	0.0%	0	0	0	1,785	213	738.0%	0	0	0.0%	0	0	0.0%	16,298	22,701	-28.2%
COPPER	MHG	0	-	-	71,359	-		0	-	-	0	-	-	417,140	-	-	0	-	-
FERROUS PRODUCTS	BUS	0	0	0.0%	281	361	-0.22	2,448	909	169.3%	0	0	0.0%	3,949	7,106	-44.4%	22,110	7,719	186.4%
GOLD	4GC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	116	-100.0%	0	0	0.0%
GOLD	SGC	0	0	0.0%	296	1,516	-0.8	0	0	0.0%	0	0	0.0%	7,643	16,897	-54.8%	0	0	0.0%
GOLD	SGU	0	0	0.0%	502	11,390	-0.96	0	0	0.0%	0	0	0.0%	52,347	58,043	-9.8%	542	0	0.0%
HOT ROLLED COIL STEEL FUTL	EHR	0	0	0.0%	1,624	230	6.06	4,403	555	693.3%	0	0	0.0%	7,922	1,653	379.2%	27,743	9,300	198.3%
IRON ORE 62 CHINA TSI FUTUR	TIO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	TIO	0	0	0.0%	0	0	0	880	608	44.7%	0	0	0.0%	0	16	-100.0%	13,413	9,370	43.1%
METALS	HDG	0	0	0.0%	35	0	0	0	0	0.0%	0	0	0.0%	106	0	0.0%	546	143	281.8%
METALS	LTH	0	0	0.0%	0	0	0	34	0	0.0%	0	0	0.0%	0	0	0.0%	58	10	480.0%
METALS	PAC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	1,300	-	-
MICRO GOLD	MGC	0	0	0.0%	941,893	1,054,682	-0.11	0	0	0.0%	0	0	0.0%	10,680,912	11,922,754	-10.4%	0	0	0.0%
SILVER	SIL	0	0	0.0%	173,016	103,555	0.67	0	0	0.0%	0	0	0.0%	1,620,641	1,969,908	-17.7%	0	0	0.0%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry	Outcry	%	OCT	OCT	CHG	ClearPort	ClearPort	CHG	Outcry	Outcry	CHG	Y.T.D	Y.T.D	CHG	Y.T.D	Y.T.D	% CHG
		OCT	OCT		2022	2021		OCT	OCT		2022	2021		2022	2021		2022	2021	
Metals Options																			
ALUMINUM	ALO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,250	-100.0%
ALUMINUM	AX	0	-	-	237	-		300	-	-	0	-	-	455	-	-	300	-	-
COMEX COPPER	HX	0	0	0.0%	58,949	46,091	0.28	22,998	18,781	22.5%	0	0	0.0%	596,643	418,501	42.6%	243,655	249,438	-2.3%
COMEX GOLD	ECGC	0	-	-	2,350	-		0	-	-	0	-	-	4,660	-	-	0	-	-
COMEX GOLD	OG	0	0	0.0%	650,103	572,154	0.14	175,460	166,350	5.5%	0	0	0.0%	7,256,816	5,768,034	25.8%	1,207,701	1,236,573	-2.3%
COMEX SILVER	ECSI	0	-	-	3,089	-		0	-	-	0	-	-	5,463	-	-	0	-	-
COMEX SILVER	SO	0	0	0.0%	130,458	91,135	0.43	13,264	6,104	117.3%	0	0	0.0%	1,025,504	1,366,689	-25.0%	104,597	193,363	-45.9%
COPPER	ECHG	0	-	-	1,856	-		0	-	-	0	-	-	3,424	-	-	0	-	-
COPPER	H1E	0	0	0.0%	361	1	360	165	0	0.0%	0	0	0.0%	1,892	47	3,925.5%	165	0	0.0%
COPPER	H1M	0	-	-	78	-		0	-	-	0	-	-	1,020	-	-	0	-	-
COPPER	H1W	0	-	-	101	-		0	-	-	0	-	-	1,241	-	-	0	-	-
COPPER	H2E	0	0	0.0%	405	0	0	0	0	0.0%	0	0	0.0%	2,422	43	5,532.6%	0	0	0.0%
COPPER	H2M	0	-	-	61	-		0	-	-	0	-	-	723	-	-	0	-	-
COPPER	H2W	0	-	-	168	-		0	-	-	0	-	-	499	-	-	0	-	-
COPPER	H3E	0	0	0.0%	269	9	28.89	0	0	0.0%	0	0	0.0%	1,323	33	3,909.1%	800	0	0.0%
COPPER	H3M	0	-	-	80	-		0	-	-	0	-	-	751	-	-	0	-	-
COPPER	H3W	0	-	-	122	-		0	-	-	0	-	-	371	-	-	0	-	-
COPPER	H4E	0	0	0.0%	306	2	152	165	0	0.0%	0	0	0.0%	2,330	69	3,276.8%	165	80	106.3%
COPPER	H4M	0	-	-	90	-		0	-	-	0	-	-	403	-	-	0	-	-
COPPER	H4W	0	-	-	24	-		0	-	-	0	-	-	599	-	-	0	-	-
COPPER	H5E	0	0	0.0%	0	5	-1	0	0	0.0%	0	0	0.0%	410	7	5,757.1%	300	0	0.0%
COPPER	H5M	0	-	-	141	-		0	-	-	0	-	-	360	-	-	0	-	-
COPPER	H5W	0	-	-	0	-		0	-	-	0	-	-	713	-	-	0	-	-
GOLD	G1M	0	-	-	5,929	-		0	-	-	0	-	-	25,001	-	-	512	-	-
GOLD	G1W	0	-	-	13,506	-		400	-	-	0	-	-	45,248	-	-	900	-	-
GOLD	G2M	0	-	-	3,995	-		0	-	-	0	-	-	31,282	-	-	2,550	-	-
GOLD	G2W	0	-	-	8,988	-		0	-	-	0	-	-	34,675	-	-	850	-	-
GOLD	G3M	0	-	-	5,704	-		0	-	-	0	-	-	23,988	-	-	300	-	-
GOLD	G3W	0	-	-	4,634	-		500	-	-	0	-	-	38,157	-	-	1,565	-	-
GOLD	G4M	0	-	-	3,944	-		0	-	-	0	-	-	18,526	-	-	0	-	-
GOLD	G4W	0	-	-	518	-		0	-	-	0	-	-	22,570	-	-	100	-	-
GOLD	G5M	0	-	-	3,819	-		0	-	-	0	-	-	8,464	-	-	0	-	-
GOLD	G5W	0	-	-	0	-		0	-	-	0	-	-	13,056	-	-	950	-	-
GOLD	OG1	0	0	0.0%	42,415	18,642	1.28	1,150	2,180	-47.2%	0	0	0.0%	437,020	395,596	10.5%	17,840	25,092	-28.9%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	CME ClearPort OCT 2022	CME ClearPort OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
Metals Options																			
GOLD	OG2	0	0	0.0%	33,415	30,224	0.11	1,200	500	140.0%	0	0	0.0%	431,596	396,261	8.9%	16,348	18,774	-12.9%
GOLD	OG3	0	0	0.0%	39,655	34,486	0.15	2,500	990	152.5%	0	0	0.0%	452,103	395,713	14.3%	17,311	20,208	-14.3%
GOLD	OG4	0	0	0.0%	25,927	31,882	-0.19	1,000	1,350	-25.9%	0	0	0.0%	380,680	266,476	42.9%	8,140	5,947	36.9%
GOLD	OG5	0	0	0.0%	0	33,389	-1	0	475	-100.0%	0	0	0.0%	116,145	119,261	-2.6%	1,460	4,341	-66.4%
HOT ROLLED COIL STEEL CALL	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI CALL C	ICT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI PUT O	ICT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	ICT	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	300	6,198	-95.2%
NYMEX HOT ROLLED STEEL	HRO	0	0	0.0%	0	0	0	2,640	365	623.3%	0	0	0.0%	0	0	0.0%	16,040	2,970	440.1%
NYMEX PLATINUM	PO	0	0	0.0%	312	449	-0.31	2,525	2,935	-14.0%	0	0	0.0%	4,842	4,859	-0.3%	43,660	25,556	70.8%
PALLADIUM	PAO	0	0	0.0%	8	12	-0.33	0	160	-100.0%	0	0	0.0%	135	692	-80.5%	0	5,870	-100.0%
SILVER	M1S	0	-	-	277	-		0	-	-	0	-	-	1,207	-	-	0	-	-
SILVER	M2S	0	-	-	653	-		600	-	-	0	-	-	2,855	-	-	600	-	-
SILVER	M3S	0	-	-	591	-		0	-	-	0	-	-	1,780	-	-	0	-	-
SILVER	M4S	0	-	-	986	-		0	-	-	0	-	-	1,987	-	-	0	-	-
SILVER	M5S	0	-	-	342	-		0	-	-	0	-	-	544	-	-	0	-	-
SILVER	SO1	0	0	0.0%	6,205	2,152	1.88	400	100	300.0%	0	0	0.0%	44,503	27,804	60.1%	2,326	3,311	-29.7%
SILVER	SO2	0	0	0.0%	5,731	2,562	1.24	820	235	248.9%	0	0	0.0%	46,627	30,656	52.1%	3,575	2,808	27.3%
SILVER	SO3	0	0	0.0%	8,434	3,937	1.14	100	150	-33.3%	0	0	0.0%	41,431	25,591	61.9%	1,185	3,428	-65.4%
SILVER	SO4	0	0	0.0%	4,055	3,409	0.19	150	0	0.0%	0	0	0.0%	33,803	18,665	81.1%	740	847	-12.6%
SILVER	SO5	0	0	0.0%	0	2,889	-1	0	100	-100.0%	0	0	0.0%	8,829	7,935	11.3%	400	895	-55.3%
SILVER	W1S	0	-	-	1,015	-		0	-	-	0	-	-	3,184	-	-	0	-	-
SILVER	W2S	0	-	-	517	-		0	-	-	0	-	-	2,476	-	-	0	-	-
SILVER	W3S	0	-	-	573	-		0	-	-	0	-	-	1,836	-	-	200	-	-
SILVER	W4S	0	-	-	2	-		0	-	-	0	-	-	660	-	-	0	-	-
SILVER	W5S	0	-	-	0	-		0	-	-	0	-	-	756	-	-	0	-	-
TOTAL FUTURES GROUP																			
Ag Products Futures		0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%
Energy Futures		0	0	0.0%	31,143,059	45,040,079	-30.9%	1,844,370	2,500,614	-26.2%	0	0	0.0%	360,756,518	387,317,052	-6.9%	19,320,772	20,922,971	-7.7%
Metals Futures		0	0	0.0%	8,802,462	8,549,949	3.0%	169,993	142,436	19.3%	0	0	0.0%	94,065,115	104,508,034	-10.0%	1,999,354	1,919,834	4.1%
TOTAL FUTURES		0	0	0.0%	39,945,521	53,590,028	-25.5%	2,014,363	2,643,050	-23.8%	0	0	0.0%	454,821,633	491,825,088	-7.5%	21,320,126	22,842,805	-6.7%

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NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	CME ClearPort OCT 2022	CME ClearPort OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
TOTAL OPTIONS GROUP																		
Energy Options	0	0	0.0%	2,428,835	3,207,654	-24.3%	2,172,724	2,137,540	1.6%	0	0	0.0%	30,188,746	32,463,901	-7.0%	20,518,093	19,331,840	6.1%
Metals Options	0	0	0.0%	1,071,398	873,430	22.7%	226,337	200,925	12.6%	0	0	0.0%	11,183,988	9,242,932	21.0%	1,695,535	1,807,949	-6.2%
TOTAL OPTIONS	0	0	0.0%	3,500,233	4,081,084	-14.2%	2,399,061	2,338,465	2.6%	0	0	0.0%	41,372,734	41,706,833	-0.8%	22,213,628	21,139,789	5.1%
TOTAL COMBINED																		
Ag Products	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%
Energy	0	0	0.0%	33,571,894	48,247,733	-30.4%	4,017,094	4,638,154	-13.4%	0	0	0.0%	390,945,264	419,780,953	-6.9%	39,838,865	40,254,811	-1.0%
Metals	0	0	0.0%	9,873,860	9,423,379	4.8%	396,330	343,361	15.4%	0	0	0.0%	105,249,103	113,750,966	-7.5%	3,694,889	3,727,783	-0.9%
GRAND TOTAL	0	0	0.0%	43,445,754	57,671,112	-24.7%	4,413,424	4,981,515	-11.4%	0	0	0.0%	496,194,367	533,531,921	-7.0%	43,533,754	43,982,594	-1.0%

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