

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2022	VOLUME AUG 2021	% CHG	VOLUME JUL 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Ag Products Futures									
COFFEE	KT	0	0	0.0%	0	0.0%	0	2	-100.0%
COTTON	TT	0	0	0.0%	0	-	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	0	-	0	0	0.0%
Energy Futures									
CRUDE OIL PHY	CL	17,577,744	18,841,682	-6.7%	16,111,251	9.1%	145,141,671	164,540,508	-11.8%
CRUDE OIL	WS	1,000	500	100.0%	0	0.0%	1,000	3,732	-73.2%
MINY WTI CRUDE OIL	QM	648,067	494,506	31.1%	654,834	-1.0%	5,050,786	3,393,222	48.8%
BRENT OIL LAST DAY	BZ	1,329,676	1,908,523	-30.3%	1,321,274	0.6%	12,005,605	16,254,147	-26.1%
HEATING OIL PHY	HO	3,302,796	3,564,780	-7.3%	2,896,173	14.0%	27,005,147	24,644,590	9.6%
HTG OIL	BH	0	0	0.0%	36	-100.0%	72	112	-35.7%
MINY HTG OIL	QH	10	8	25.0%	11	-9.1%	67	52	28.8%
RBOB PHY	RB	3,250,192	4,801,167	-32.3%	2,964,368	9.6%	29,487,435	32,391,416	-9.0%
MINY RBOB GAS	QU	14	9	55.6%	7	100.0%	74	72	2.8%
NATURAL GAS	HP	128,704	185,147	-30.5%	136,969	-6.0%	1,425,442	1,089,359	30.9%
LTD NAT GAS	HH	301,924	422,365	-28.5%	291,934	3.4%	2,822,232	2,520,350	12.0%
MINY NATURAL GAS	QG	384,388	126,257	204.4%	314,192	22.3%	2,627,299	887,760	195.9%
PJM MONTHLY	JM	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	NG	5,828,944	8,269,097	-29.5%	5,826,935	0.0%	59,050,256	62,934,654	-6.2%
RBOB GAS	RT	0	0	0.0%	24	-100.0%	48	60	-20.0%
3.5% FUEL OIL CID MED SWA	7D	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%
ARGUS LLS VS. WTI (ARG) T	E5	9,900	2,655	272.9%	8,180	21.0%	48,985	65,837	-25.6%
ARGUS PROPAN FAR EST INDE	7E	6,236	6,466	-3.6%	4,635	34.5%	45,537	45,668	-0.3%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,416	1,281	10.5%	1,306	8.4%	15,518	13,814	12.3%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	-	0	0	0.0%
BRENT BALMO SWAP	J9	0	125	-100.0%	0	0.0%	1,587	1,014	56.5%
BRENT CALENDAR SWAP	CY	25,397	10,064	152.4%	10,029	153.2%	127,772	67,127	90.3%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0.0%	0	4,000	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	240	-100.0%	240	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	0	68	-100.0%
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%

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Energy Futures									
CAR VINTAGE	GEO	4,894	4,364	12.1%	6,167	-20.6%	23,930	5,094	369.8%
CAR VINTAGE	NGO	15,631	11,065	41.3%	15,297	2.2%	102,614	11,065	827.4%
CHICAGO ETHANOL SWAP	CU	72,130	66,454	8.5%	55,492	30.0%	478,653	586,878	-18.4%
CHICAGO ULSD PL VS HO SPR	5C	455	45	911.1%	425	7.1%	4,568	3,487	31.0%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	425	-100.0%
CIG BASIS	CI	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%
CIN HUB 5MW REAL TIME O P	H4	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%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	-	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	795	703	13.1%	0	0.0%	2,516	3,105	-19.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	110	525	-79.0%	550	-80.0%	2,652	2,148	23.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	17,336	17,909	-3.2%	13,825	25.4%	125,656	110,890	13.3%
CRUDE OIL	LPS	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	26	135	156	-13.5%	572	-76.4%	3,081	2,368	30.1%
CRUDE OIL OUTRIGHTS	42	760	572	32.9%	708	7.3%	7,606	2,332	226.2%
CRUDE OIL OUTRIGHTS	CC5	0	90	-100.0%	0	0.0%	1,566	9,171	-82.9%
CRUDE OIL OUTRIGHTS	CSW	0	810	-100.0%	0	0.0%	1,260	13,899	-90.9%
CRUDE OIL OUTRIGHTS	DAB	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	105	-100.0%	105	2,404	-95.6%
CRUDE OIL OUTRIGHTS	HTT	93,670	63,980	46.4%	51,034	83.5%	578,936	466,567	24.1%
CRUDE OIL OUTRIGHTS	LSW	75	90	-16.7%	0	0.0%	3,905	7,303	-46.5%
CRUDE OIL OUTRIGHTS	WCW	200	1,125	-82.2%	0	0.0%	16,730	27,847	-39.9%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	15	-100.0%	0	0.0%	0	20,147	-100.0%
CRUDE OIL PHY	MCL	2,949,607	1,588,349	85.7%	2,585,141	14.1%	21,182,343	2,233,705	848.3%
CRUDE OIL SPRDS	38	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL SPRDS	ANT	555	660	-15.9%	860	-35.5%	6,536	2,437	168.2%
CRUDE OIL SPRDS	HIL	0	300	-100.0%	0	0.0%	3,255	5,100	-36.2%
CRUDE OIL SPRDS	WTT	54,619	19,155	185.1%	41,039	33.1%	409,347	200,163	104.5%
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%

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Energy Futures									
DAILY PJM	PAP	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%
DAILY PJM	PNO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWO	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%
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	0.0%
DAILY PJM	ZGO	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%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	0.0%	0	-	0	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0.0%	2,220	1,215	82.7%
DIESEL 10P BRG FOB RDM VS	7X	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%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0.0%	2,000	0	0.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	168	27,739	-99.4%	21	700.0%	14,562	396,372	-96.3%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	22	212	-89.6%	0	0.0%	838	3,982	-79.0%
ELEC FINSETTLED	47	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%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	CGO	5,419	0	-	3,695	46.7%	14,946	0	-
ETHANOL	MTH	0	0	0.0%	0	0.0%	10	10	0.0%
ETHANOL SWAP	MT2	95	180	-47.2%	135	-29.6%	1,530	1,163	31.6%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,398	2,971	81.7%	1,248	332.5%	24,521	26,727	-8.3%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0.0%	0	6	-100.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	30	-100.0%	0	0.0%	1,169	983	18.9%
EUROPE 1% FUEL OIL NWE CA	UF	0	72	-100.0%	0	0.0%	0	84	-100.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	-	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0.0%	0	13	-100.0%
EUROPE 3.5% FUEL OIL RDAM	UV	0	60	-100.0%	0	0.0%	546	296	84.5%
EUROPEAN GASOIL (ICE)	7F	502	14	3,485.7%	1,738	-71.1%	13,101	4,474	192.8%
EUROPEAN NAPHTHA BALMO	KZ	5	0	0.0%	7	-28.6%	157	20	685.0%

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Energy Futures									
EUROPEAN NAPHTHA CRACK SPR	EN	1,833	3,519	-47.9%	843	117.4%	19,381	9,459	104.9%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	0	710	-100.0%
EUROPE JET KERO NWE CALSW	UJ	0	10	-100.0%	0	0.0%	0	20	-100.0%
EUROPE NAPHTHA CALSWAP	UN	460	901	-48.9%	307	49.8%	5,191	4,729	9.8%
EURO PROPANE CIF ARA SWA	PS	1,690	1,559	8.4%	920	83.7%	13,035	11,106	17.4%
FREIGHT MARKETS	ACB	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BF1	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	0.0%	0	119	-100.0%
FREIGHT MARKETS	BF3	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	60	5	1,100.0%	45	33.3%	405	60	575.0%
FREIGHT MARKETS	CS3	0	0	-	0	0.0%	10	0	-
FREIGHT MARKETS	CS4	0	0	-	0	0.0%	360	0	-
FREIGHT MARKETS	FLJ	0	20	-100.0%	0	0.0%	0	67	-100.0%
FREIGHT MARKETS	FLP	6	21	-71.4%	30	-80.0%	228	590	-61.4%
FREIGHT MARKETS	FRC	36	0	0.0%	0	0.0%	36	70	-48.6%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0.0%	708	275	157.5%
FREIGHT MARKETS	T7C	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	TC6	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	TD3	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	USC	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	0.0%	0	90	-100.0%
FUEL OIL CRACK VS ICE	FO	0	300	-100.0%	36	-100.0%	1,192	1,888	-36.9%
FUEL OIL NWE CRACK VS ICE	FI	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%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARGES	7H	257	1,022	-74.9%	173	48.6%	1,840	5,149	-64.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,715	6,751	-74.6%	705	143.3%	22,012	37,840	-41.8%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	45	60	-25.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	10	42	-76.2%
GASOIL 0.1 ROTTERDAM BARG	VL	1	58	-98.3%	5	-80.0%	66	133	-50.4%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	-	0	0	0.0%
GASOIL CALENDAR SWAP	GX	18	32	-43.8%	6	200.0%	959	838	14.4%
GASOIL CRACK SPREAD CALEN	GZ	105	2,160	-95.1%	87	20.7%	10,947	9,846	11.2%
GASOIL MINI CALENDAR SWAP	QA	100	299	-66.6%	158	-36.7%	2,611	2,823	-7.5%

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Energy Futures									
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	36	-100.0%	0	0.0%	0	84	-100.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	-	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	2,242	4,085	-45.1%	3,155	-28.9%	37,827	35,505	6.5%
GRP THREE UNL GS (PLT) VS	A8	1,760	2,579	-31.8%	1,707	3.1%	27,382	20,969	30.6%
GULF COAST 3% FUEL OIL BA	VZ	120	605	-80.2%	107	12.1%	967	712	35.8%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	7,425	25,944	-71.4%	4,085	81.8%	84,934	175,403	-51.6%
GULF COAST NO.6 FUEL OIL	MF	6,407	1,079	493.8%	1,621	295.2%	29,013	16,510	75.7%
GULF COAST NO.6 FUEL OIL	MG	8,128	3,510	131.6%	7,765	4.7%	55,433	8,313	566.8%
GULF COAST ULSD CALENDAR	LY	51	224	-77.2%	0	0.0%	779	3,877	-79.9%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	233	318	-26.7%	265	-12.1%	3,403	2,311	47.3%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	127	-100.0%	127	2,450	-94.8%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	4	0	-	3	33.3%	10	0	-
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB INDEX SWAP FUTU	IN	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB SWAP	NN	30,474	33,235	-8.3%	15,141	101.3%	219,307	266,851	-17.8%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	475	-100.0%	0	0.0%	2,193	4,950	-55.7%
ICE GASOIL BALMO SWAP	U9	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%
INDIANA MISO	PDD	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	10	-100.0%	0	0.0%	0	1,124	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	116	0	0.0%	214	-45.8%	428	0	0.0%
JAPAN C&F NAPHTHA SWAP	JA	71	54	31.5%	121	-41.3%	1,006	509	97.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	6	0	0.0%
JET CIF NWE VS ICE	JC	27	255	-89.4%	120	-77.5%	1,474	1,158	27.3%
JET FUEL UP-DOWN BALMO CL	1M	100	3,332	-97.0%	705	-85.8%	14,766	11,219	31.6%
JKM LNG Futures	JKM	0	355	-100.0%	48	-100.0%	2,155	4,721	-54.4%
LA CARB DIESEL (OPIS) SWA	KL	0	125	-100.0%	0	0.0%	2,191	1,760	24.5%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	0	225	-100.0%
LA JET (OPIS) SWAP	JS	0	755	-100.0%	125	-100.0%	3,275	3,220	1.7%

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Energy Futures									
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0.0%	93	1,850	-95.0%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	-	0	0	0.0%
MARS (ARGUS) VS WTI SWAP	YX	75	0	0.0%	75	0.0%	1,685	1,300	29.6%
MARS (ARGUS) VS WTI TRD M	YV	15,854	16,530	-4.1%	10,673	48.5%	122,800	150,013	-18.1%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	-	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTF	2,600	13,811	-81.2%	4,073	-36.2%	49,686	100,860	-50.7%
MCCLOSKEY RCH BAY COAL	MFF	448	404	10.9%	166	169.9%	3,438	6,651	-48.3%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	10	10	0.0%	10	0.0%	243	108	125.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	50	391	-87.2%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	80	672	-88.1%	348	-77.0%	2,814	4,896	-42.5%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	50	-100.0%
MNC FUT	MNC	2,029	1,085	87.0%	1,279	58.6%	13,646	5,789	135.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	36,301	41,204	-11.9%	34,186	6.2%	286,027	216,272	32.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	1,116	245	355.5%	415	168.9%	7,309	3,162	131.2%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	143,393	204,276	-29.8%	121,218	18.3%	1,311,528	1,422,183	-7.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,180	3,560	-66.9%	2,366	-50.1%	23,154	24,880	-6.9%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	31,422	13,326	135.8%	25,125	25.1%	194,595	114,962	69.3%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,989	929	114.1%	2,119	-6.1%	11,674	4,450	162.3%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	56,683	64,206	-11.7%	50,433	12.4%	422,940	400,355	5.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	992	1,210	-18.0%	769	29.0%	11,741	9,711	20.9%
NATURAL GAS PEN SWP	NP	30,984	44,125	-29.8%	34,796	-11.0%	384,426	416,502	-7.7%
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%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	-	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	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%
NEW YORK ETHANOL SWAP	EZ	590	160	268.8%	825	-28.5%	6,702	955	601.8%
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	0.0%
NGPL MID-CONTINENT	NL	0	0	0.0%	0	-	0	0	0.0%
NGPL TEX/OK	PD	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%

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Commodity		VOLUME AUG 2022	VOLUME AUG 2021	% CHG	VOLUME JUL 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Energy Futures									
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	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	0.0%
NY HARBOR HEAT OIL SWP	MP	1,321	676	95.4%	1,311	0.8%	9,353	6,474	44.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	1,570	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	175	275	-36.4%	25	600.0%	1,250	1,549	-19.3%
NYH NO 2 CRACK SPREAD CAL	HK	610	1,020	-40.2%	675	-9.6%	15,255	12,869	18.5%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	NRS	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%
NYISO ZONE G 5MW D AH O P	D2	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%
NYISO ZONE J 5MW D AH O P	D4	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%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	-	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	-	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	708	0	0.0%	1,499	-52.8%	4,288	50	8,476.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	153	109	40.4%	66	131.8%	1,094	1,143	-4.3%
PETROCHEMICALS	32	29	32	-9.4%	31	-6.5%	309	431	-28.3%
PETROCHEMICALS	3NA	30	2	1,400.0%	0	0.0%	208	122	70.5%
PETROCHEMICALS	51	0	0	0.0%	2	-100.0%	15	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	60	-100.0%	424	147	188.4%
PETROCHEMICALS	8I	576	1,378	-58.2%	333	73.0%	6,903	9,564	-27.8%
PETROCHEMICALS	91	171	495	-65.5%	55	210.9%	2,325	2,713	-14.3%
PETROCHEMICALS	MAA	10	60	-83.3%	0	0.0%	430	235	83.0%
PETROCHEMICALS	MAE	1,400	1,032	35.7%	640	118.8%	8,880	5,693	56.0%
PETROCHEMICALS	MAS	330	347	-4.9%	335	-1.5%	3,080	2,140	43.9%
PETROCHEMICALS	MBE	0	60	-100.0%	0	0.0%	610	480	27.1%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	15	1,892	-99.2%
PETROCHEMICALS	MPS	256	473	-45.9%	319	-19.7%	1,839	2,996	-38.6%
PETROCHEMICALS	PMF	0	0	0.0%	0	0.0%	12	4	200.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	17,351	15,402	12.7%	19,565	-11.3%	139,827	162,110	-13.7%
PETRO CRCKS & SPRDS NA	EXR	77	443	-82.6%	142	-45.8%	2,459	5,125	-52.0%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	75	300	-75.0%	100	-25.0%	700	600	16.7%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	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%
PETRO CRCKS & SPRDS NA	GCU	0	250	-100.0%	0	0.0%	275	880	-68.8%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	0.0%	1,350	0	-
PETRO CRCKS & SPRDS NA	HOB	0	850	-100.0%	0	0.0%	577	1,600	-63.9%
PETRO CRCKS & SPRDS NA	MFR	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%
PETRO CRCKS & SPRDS NA	RBB	250	860	-70.9%	50	400.0%	5,853	12,052	-51.4%
PETRO CRCKS & SPRDS NA	RVG	904	50	1,708.0%	1,069	-15.4%	17,800	11,220	58.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	1NB	0	10	-100.0%	0	0.0%	1,785	383	366.1%
PETRO CRK&SPRD EURO	43	0	5	-100.0%	0	0.0%	121	21	476.2%
PETRO CRK&SPRD EURO	BOB	15	0	0.0%	0	0.0%	590	641	-8.0%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	EPN	641	366	75.1%	310	106.8%	3,136	3,987	-21.3%
PETRO CRK&SPRD EURO	EVC	0	189	-100.0%	0	0.0%	787	573	37.3%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	9	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO CRK&SPRD EURO	MUD	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%
PETRO CRK&SPRD EURO	NOB	17	72	-76.4%	83	-79.5%	812	276	194.2%
PETROLEUM PRODUCTS	1NM	0	150	-100.0%	0	0.0%	50	687	-92.7%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	0.0%	0	3	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0.0%	2	1	100.0%
PETROLEUM PRODUCTS	CMS	20	50	-60.0%	200	-90.0%	940	370	154.1%
PETROLEUM PRODUCTS	EWG	1,014	654	55.0%	0	0.0%	3,843	2,422	58.7%
PETROLEUM PRODUCTS	H5F	125	0	0.0%	40	212.5%	350	60	483.3%

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Energy Futures									
PETROLEUM PRODUCTS	JCC	1,642	365	349.9%	1,548	6.1%	11,046	1,403	687.3%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	14	-100.0%
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	R5F	90	15	500.0%	18	400.0%	369	314	17.5%
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	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0.0%	1,148	311	269.1%
PETROLEUM PRODUCTS ASIA	E6M	10	10	0.0%	5	100.0%	35	10	250.0%
PETROLEUM PRODUCTS ASIA	MJN	300	136	120.6%	185	62.2%	6,626	1,868	254.7%
PETRO OUTRIGHT EURO	0B	0	168	-100.0%	0	0.0%	0	223	-100.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO OUTRIGHT EURO	0D	36	130	-72.3%	28	28.6%	209	781	-73.2%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0.0%	9	9	0.0%
PETRO OUTRIGHT EURO	1T	0	10	-100.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	5L	10	0	0.0%	0	-	10	0	0.0%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0.0%	285	50	470.0%
PETRO OUTRIGHT EURO	7R	0	32	-100.0%	6	-100.0%	38	37	2.7%
PETRO OUTRIGHT EURO	CBB	0	33	-100.0%	0	0.0%	0	33	-100.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	30	0	0.0%
PETRO OUTRIGHT EURO	CPB	110	176	-37.5%	115	-4.3%	1,558	3,255	-52.1%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	EFM	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%
PETRO OUTRIGHT EURO	EWN	90	425	-78.8%	69	30.4%	829	1,333	-37.8%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	GNO	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	JFB	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	M1B	1,137	1,685	-32.5%	952	19.4%	9,091	10,842	-16.2%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0.0%	0	210	-100.0%

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Energy Futures									
PETRO OUTRIGHT EURO	MBN	237	150	58.0%	176	34.7%	4,834	3,161	52.9%
PETRO OUTRIGHT EURO	MEF	0	332	-100.0%	10	-100.0%	79	2,221	-96.4%
PETRO OUTRIGHT EURO	MQA	50	0	-	0	0.0%	188	0	-
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	0.0%	0	56	-100.0%
PETRO OUTRIGHT EURO	R5M	1,837	1,812	1.4%	1,242	47.9%	14,455	8,026	80.1%
PETRO OUTRIGHT EURO	R5O	760	639	18.9%	507	49.9%	8,340	5,770	44.5%
PETRO OUTRIGHT EURO	RBM	11	0	0.0%	0	0.0%	106	27	292.6%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0.0%	5	5	0.0%
PETRO OUTRIGHT EURO	S5F	70	115	-39.1%	119	-41.2%	961	894	7.5%
PETRO OUTRIGHT EURO	S5M	2,215	1,363	62.5%	1,834	20.8%	17,856	13,162	35.7%
PETRO OUTRIGHT EURO	S5O	1,588	1,074	47.9%	2,560	-38.0%	24,048	8,279	190.5%
PETRO OUTRIGHT EURO	SMU	0	150	-100.0%	0	0.0%	0	1,200	-100.0%
PETRO OUTRIGHT EURO	SR5	63	0	-	15	320.0%	78	0	-
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	T2B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	TLB	0	0	-	0	0.0%	0	0	-
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	UNB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	V0	0	168	-100.0%	0	0.0%	0	168	-100.0%
PETRO OUTRIGHT NA	A8B	125	300	-58.3%	560	-77.7%	1,905	800	138.1%
PETRO OUTRIGHT NA	AB6	35	0	0.0%	740	-95.3%	2,830	1,735	63.1%
PETRO OUTRIGHT NA	BCR	3,925	1,310	199.6%	1,260	211.5%	22,320	13,890	60.7%
PETRO OUTRIGHT NA	DBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0	-	0	0.0%	0	0	-
PETRO OUTRIGHT NA	H5B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0.0%	60	275	-78.2%
PETRO OUTRIGHT NA	JET	800	700	14.3%	325	146.2%	4,110	2,025	103.0%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	450	-100.0%	2,061	325	534.2%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0.0%	695	389	78.7%
PETRO OUTRIGHT NA	MEN	35	35	0.0%	42	-16.7%	573	445	28.8%
PETRO OUTRIGHT NA	MEO	230	707	-67.5%	255	-9.8%	1,929	3,874	-50.2%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0.0%	0	65	-100.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	0	0.0%



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Energy Futures									
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 DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	-	0	0	0.0%
PJM DAYTON DA PEAK	D7	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	0.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	-	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	-	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	-	0	0	0.0%
PJM WESTHDA PEAK	J4	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	320	530	-39.6%	571	-44.0%	7,492	10,264	-27.0%
PREMIUM UNLD 10P FOB MED	3G	51	0	0.0%	0	0.0%	111	5	2,120.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,351	2,326	-41.9%	1,170	15.5%	13,156	11,456	14.8%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	9,480	21,545	-56.0%	12,103	-21.7%	102,896	134,902	-23.7%
RBOB CALENDAR SWAP	RL	1,952	6,691	-70.8%	3,305	-40.9%	41,130	53,998	-23.8%
RBOB CRACK SPREAD	RM	920	765	20.3%	330	178.8%	14,082	16,855	-16.5%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	127	-100.0%	127	0	-
RBOB GASOLINE BALMO CLNDR	1D	319	1,825	-82.5%	794	-59.8%	11,499	5,404	112.8%
RBOB PHY	MRB	1	0	-	14	-92.9%	26	0	-
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	600	-100.0%	180	-100.0%	555	1,105	-49.8%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	2	0	0.0%	0	-	2	0	0.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	1	0	0.0%
SINGAPORE 380CST FUEL OIL	SE	8	52	-84.6%	11	-27.3%	1,287	1,513	-14.9%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	0.0%	0	0	-
SINGAPORE FUEL OIL SPREAD	SD	9	0	0.0%	0	0.0%	39	0	0.0%
SINGAPORE GASOIL	MAF	201	410	-51.0%	375	-46.4%	3,829	2,112	81.3%
SINGAPORE GASOIL	MTB	10	18	-44.4%	0	0.0%	196	42	366.7%
SINGAPORE GASOIL	MTS	476	554	-14.1%	320	48.8%	2,779	2,760	0.7%
SINGAPORE GASOIL	SBM	0	8	-100.0%	0	0.0%	332	93	257.0%

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Commodity		VOLUME AUG 2022	VOLUME AUG 2021	% CHG	VOLUME JUL 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Energy Futures									
SINGAPORE GASOIL CALENDAR	MSG	7	1,227	-99.4%	23	-69.6%	1,158	6,840	-83.1%
SINGAPORE GASOIL SWAP	SG	175	880	-80.1%	75	133.3%	3,140	10,913	-71.2%
SINGAPORE GASOIL VS ICE	GA	0	1,335	-100.0%	0	0.0%	3,936	8,183	-51.9%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE JET KERO GASOIL	RK	72	490	-85.3%	0	0.0%	3,725	1,390	168.0%
SINGAPORE JET KEROSENE SW	KS	0	0	0.0%	0	0.0%	405	1,085	-62.7%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	0	0.0%	810	310	161.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	1,260	-100.0%	0	0.0%	600	4,244	-85.9%
Sumas Basis Swap	NK	0	0	0.0%	0	-	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	264	105	151.4%
TC5 RAS TANURA TO YOKOHAM	TH	0	45	-100.0%	0	0.0%	195	180	8.3%
TCO BASIS SWAP	TC	0	0	0.0%	0	-	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0.0%	6,185	10,057	-38.5%
TEXAS EASTERN ZONE M-3 BA	NX	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%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	0	0.0%	0	2,535	-100.0%
ULSD UP-DOWN BALMO SWP	1L	5,040	3,055	65.0%	3,174	58.8%	52,469	38,834	35.1%
UP DOWN GC ULSD VS NMX HO	LT	23,182	46,886	-50.6%	14,191	63.4%	228,041	265,868	-14.2%
WAHA BASIS	NW	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	36,633	50,095	-26.9%	38,293	-4.3%	432,134	331,937	30.2%
WTI CALENDAR	CS	62,155	49,223	26.3%	31,385	98.0%	509,543	422,532	20.6%
WTI MIDLAND CRUDE OIL	WTL	0	900	-100.0%	0	0.0%	0	2,655	-100.0%
WTS (ARGUS) VS WTI SWAP	FF	3,915	600	552.5%	315	1,142.9%	22,777	30,695	-25.8%
WTS (ARGUS) VS WTI TRD MT	FH	450	1,110	-59.5%	0	0.0%	6,335	5,850	8.3%
Energy Options									
BRENT CALENDAR SWAP	BA	42	0	0.0%	0	0.0%	3,128	2,872	8.9%
BRENT CRUDE OIL 1 M CSO	9C	12,000	107,200	-88.8%	0	0.0%	101,250	178,450	-43.3%
BRENT OIL LAST DAY	BE	0	17,186	-100.0%	175	-100.0%	90,337	153,142	-41.0%
BRENT OIL LAST DAY	BZO	11,983	15,581	-23.1%	10,945	9.5%	151,925	206,219	-26.3%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	F2C	0	160	-100.0%	0	0.0%	390	930	-58.1%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0.0%	100	985	-89.8%
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Options									
CRUDE OIL 1MO	WA	43,302	54,375	-20.4%	31,760	36.3%	535,058	1,067,030	-49.9%
CRUDE OIL APO	AO	24,772	11,828	109.4%	20,794	19.1%	175,811	257,246	-31.7%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	LC	29,900	5,840	412.0%	17,480	71.1%	302,738	77,376	291.3%
CRUDE OIL PHY	LO	2,256,904	2,366,863	-4.6%	2,286,774	-1.3%	20,097,393	18,856,485	6.6%
CRUDE OIL PHY	LO1	52,375	32,895	59.2%	10,689	390.0%	260,193	133,740	94.6%
CRUDE OIL PHY	LO2	35,217	18,586	89.5%	24,152	45.8%	189,407	107,718	75.8%
CRUDE OIL PHY	LO3	20,538	24,907	-17.5%	61	33,568.9%	135,509	107,780	25.7%
CRUDE OIL PHY	LO4	36,960	35,976	2.7%	33,521	10.3%	257,351	164,791	56.2%
CRUDE OIL PHY	LO5	0	0	0.0%	26,265	-100.0%	44,155	41,730	5.8%
CRUDE OIL PHY	MCO	7,252	0	-	6,569	10.4%	16,087	0	-
CRUDE OIL PHY	MW1	2,695	0	-	467	477.1%	3,368	0	-
CRUDE OIL PHY	MW2	2,447	0	-	999	144.9%	3,639	0	-
CRUDE OIL PHY	MW3	1,356	0	-	0	0.0%	1,514	0	-
CRUDE OIL PHY	MW4	1,990	0	-	2,650	-24.9%	5,004	0	-
CRUDE OIL PHY	MW5	0	0	-	1,537	-100.0%	1,537	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	1,498	2,515	-40.4%	2,474	-39.5%	25,885	21,233	21.9%
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLO	0	0	-	0	0.0%	30	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	600	-100.0%	0	0.0%	750	1,530	-51.0%
HEATING OIL PHY	FZ	0	1,000	-100.0%	0	0.0%	0	1,000	-100.0%
HEATING OIL PHY	LB	0	0	0.0%	0	0.0%	382	1,533	-75.1%
HEATING OIL PHY	OH	11,512	7,369	56.2%	7,290	57.9%	90,574	46,503	94.8%
HENRY HUB FINANCIAL LAST	E7	2,587	1,741	48.6%	3,511	-26.3%	39,559	75,949	-47.9%
HO 1 MONTH CLNDR OPTIONS	FA	750	0	0.0%	1,300	-42.3%	5,375	0	0.0%
LLS CRUDE OIL	HTO	0	0	-	0	0.0%	1,200	0	-
LLS CRUDE OIL	WTO	2,400	0	0.0%	0	0.0%	3,300	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	540	-100.0%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS	LN1	332	0	-	0	0.0%	682	0	-
NATURAL GAS	LN2	12	0	-	9	33.3%	710	0	-
NATURAL GAS	LN3	10	0	-	5	100.0%	1,072	0	-
NATURAL GAS	LN4	0	0	-	0	0.0%	1,516	0	-

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Energy Options									
NATURAL GAS	LN5	0	0	-	3	-100.0%	5	0	-
NATURAL GAS 1 M CSO FIN	G4	77,050	65,700	17.3%	85,900	-10.3%	755,692	365,649	106.7%
NATURAL GAS 2 M CSO FIN	G2	0	13,600	-100.0%	350	-100.0%	14,100	19,400	-27.3%
NATURAL GAS 3 M CSO FIN	G3	47,450	56,875	-16.6%	45,100	5.2%	308,550	205,306	50.3%
NATURAL GAS 5 M CSO FIN	G5	0	2,250	-100.0%	0	0.0%	46,250	13,400	245.1%
NATURAL GAS 6 M CSO FIN	G6	4,500	12,050	-62.7%	4,000	12.5%	85,400	97,850	-12.7%
NATURAL GAS OPT	JFO	0	0	-	0	0.0%	300	0	-
NATURAL GAS OPT	JKO	0	1,120	-100.0%	150	-100.0%	5,400	14,770	-63.4%
NATURAL GAS OPT	TFO	0	9,700	-100.0%	0	0.0%	700	152,820	-99.5%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	12,700	-100.0%	0	0.0%	600	60,220	-99.0%
NATURAL GAS PHY	KD	1,250	1,250	0.0%	3,530	-64.6%	11,580	16,775	-31.0%
NATURAL GAS PHY	LN	1,711,023	2,841,096	-39.8%	1,829,037	-6.5%	16,704,547	16,453,520	1.5%
NATURAL GAS PHY	ON	61,815	93,899	-34.2%	77,608	-20.3%	728,810	667,717	9.1%
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	-	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	3,459	1,052	228.8%	1,066	224.5%	17,391	7,154	143.1%
PETROCHEMICALS	4H	1	2,381	-100.0%	0	0.0%	3,164	8,402	-62.3%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	0	715	-100.0%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	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%
PETRO OUTRIGHT NA	1N5	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	DAP	0	30	-100.0%	0	0.0%	375	1,110	-66.2%
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	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	1,000	-100.0%	2,550	0	-
RBOB CALENDAR SWAP	RA	160	0	0.0%	445	-64.0%	3,557	1,155	208.0%
RBOB PHY	OB	5,878	11,774	-50.1%	3,058	92.2%	31,069	63,309	-50.9%
RBOB PHY	RF	140	30	366.7%	60	133.3%	1,400	480	191.7%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0.0%	300	50	500.0%
SHORT TERM	U12	0	0	0.0%	0	0.0%	550	100	450.0%
SHORT TERM	U13	0	0	0.0%	0	0.0%	100	200	-50.0%
SHORT TERM	U14	0	0	0.0%	0	0.0%	500	0	0.0%



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Energy Options									
SHORT TERM	U15	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	200	0	0.0%
SHORT TERM	U23	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U24	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U25	200	0	0.0%	0	0.0%	400	300	33.3%
SHORT TERM	U26	0	0	0.0%	0	0.0%	200	75	166.7%
SHORT TERM NATURAL GAS	U01	0	150	-100.0%	0	0.0%	250	225	11.1%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	0	350	-100.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U04	550	50	1,000.0%	0	0.0%	950	350	171.4%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	500	200	150.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	550	800	-31.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	200	-100.0%	925	325	184.6%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	200	50	300.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0.0%	200	0	0.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	0	75	-100.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS	U18	50	100	-50.0%	0	0.0%	350	100	250.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	550	0	0.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	250	0	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	450	-100.0%	950	200	375.0%
SHORT TERM NATURAL GAS	U27	0	50	-100.0%	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	100	-100.0%	100	100	0.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	100	250	-60.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	200	0	0.0%
WTI-BRENT BULLET SWAP	BV	26,775	7,850	241.1%	66,690	-59.9%	305,495	200,450	52.4%
WTI CRUDE OIL 1 M CSO FI	7A	42,500	60,400	-29.6%	24,300	74.9%	460,400	624,170	-26.2%
Metals Futures									
COMEX GOLD	GC	3,437,810	3,910,693	-12.1%	5,400,881	-36.3%	37,058,599	41,215,584	-10.1%
NYMEX HOT ROLLED STEEL	HR	21,069	14,950	40.9%	14,980	40.6%	179,215	162,066	10.6%

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Metals Futures									
NYMEX PLATINUM	PL	373,986	302,530	23.6%	312,284	19.8%	3,229,198	2,841,367	13.6%
PALLADIUM	PA	55,490	71,896	-22.8%	32,801	69.2%	377,153	390,821	-3.5%
URANIUM	UX	0	120	-100.0%	0	0.0%	24	1,105	-97.8%
COMEX SILVER	SI	1,570,874	1,693,711	-7.3%	1,206,253	30.2%	11,398,423	14,452,608	-21.1%
COMEX E-Mini GOLD	QO	22,372	18,653	19.9%	27,969	-20.0%	237,972	179,414	32.6%
COMEX E-Mini SILVER	QI	3,505	3,528	-0.7%	3,132	11.9%	30,734	52,229	-41.2%
COMEX COPPER	HG	2,117,890	2,108,922	0.4%	1,659,098	27.7%	14,196,885	18,249,040	-22.2%
COMEX MINY COPPER	QC	3,792	5,514	-31.2%	3,019	25.6%	29,098	34,020	-14.5%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	174	-100.0%
ALUMINUM	AEP	3,445	724	375.8%	2,436	41.4%	15,475	24,397	-36.6%
ALUMINUM	ALA	30	240	-87.5%	90	-66.7%	1,775	3,320	-46.5%
ALUMINUM	ALI	41,839	22,479	86.1%	53,175	-21.3%	213,076	85,113	150.3%
ALUMINUM	AUP	11,339	5,100	122.3%	7,570	49.8%	54,944	49,823	10.3%
ALUMINUM	CUP	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	EDP	6,665	1,395	377.8%	10,107	-34.1%	38,590	24,363	58.4%
ALUMINUM	MJP	300	240	25.0%	150	100.0%	2,740	2,090	31.1%
COBALT METAL FUTURES	COB	611	137	346.0%	1,140	-46.4%	7,050	2,744	156.9%
COPPER	HGS	1,966	2,084	-5.7%	132	1,389.4%	14,438	21,123	-31.6%
COPPER	MHG	71,907	0	-	76,805	-6.4%	279,043	0	-
FERROUS PRODUCTS	BUS	2,049	1,202	70.5%	2,509	-18.3%	20,465	12,110	69.0%
GOLD	4GC	0	0	0.0%	0	0.0%	0	116	-100.0%
GOLD	SGC	1,071	2,185	-51.0%	579	85.0%	6,902	11,164	-38.2%
GOLD	SGU	2,649	7,463	-64.5%	580	356.7%	49,926	31,677	57.6%
HOT ROLLED COIL STEEL FUTURES	EHR	5,996	746	703.8%	3,708	61.7%	24,407	9,252	163.8%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE CHINA	TIO	2,203	1,123	96.2%	1,448	52.1%	11,663	7,778	49.9%
METALS	HDG	45	0	0.0%	96	-53.1%	492	43	1,044.2%
METALS	LTH	0	0	0.0%	0	0.0%	0	5	-100.0%
METALS	PAC	0	0	-	100	-100.0%	1,300	0	-
MICRO GOLD	MGC	922,779	1,040,838	-11.3%	881,738	4.7%	8,691,382	9,913,227	-12.3%
SILVER	SIL	142,533	152,257	-6.4%	122,752	16.1%	1,276,723	1,739,956	-26.6%
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	2,250	-100.0%
COMEX COPPER	HX	97,932	55,500	76.5%	88,642	10.5%	648,030	549,933	17.8%

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Metals Options									
COMEX GOLD	OG	596,876	565,914	5.5%	817,227	-27.0%	6,793,524	5,666,296	19.9%
COMEX SILVER	SO	84,079	103,544	-18.8%	88,029	-4.5%	835,295	1,330,215	-37.2%
COPPER	H1E	354	11	3,118.2%	120	195.0%	1,312	44	2,881.8%
COPPER	H1M	0	0	-	108	-100.0%	277	0	-
COPPER	H1W	346	0	-	235	47.2%	940	0	-
COPPER	H2E	116	0	0.0%	577	-79.9%	1,839	41	4,385.4%
COPPER	H2M	145	0	-	149	-2.7%	516	0	-
COPPER	H2W	56	0	-	125	-55.2%	285	0	-
COPPER	H3E	90	0	0.0%	1,135	-92.1%	1,777	23	7,626.1%
COPPER	H3M	55	0	-	382	-85.6%	579	0	-
COPPER	H3W	44	0	-	95	-53.7%	219	0	-
COPPER	H4E	208	112	85.7%	1,274	-83.7%	1,930	137	1,308.8%
COPPER	H4M	131	0	-	118	11.0%	302	0	-
COPPER	H4W	45	0	-	57	-21.1%	250	0	-
COPPER	H5E	0	0	0.0%	447	-100.0%	479	2	23,850.0%
COPPER	H5M	219	0	-	0	-	219	0	-
COPPER	H5W	536	0	-	0	0.0%	713	0	-
GOLD	G1M	774	0	-	5,351	-85.5%	10,410	0	-
GOLD	G1W	7,790	0	-	7,858	-0.9%	22,199	0	-
GOLD	G2M	5,518	0	-	4,633	19.1%	21,194	0	-
GOLD	G2W	5,859	0	-	5,195	12.8%	17,229	0	-
GOLD	G3M	4,273	0	-	3,978	7.4%	10,807	0	-
GOLD	G3W	4,488	0	-	7,644	-41.3%	22,493	0	-
GOLD	G4M	3,036	0	-	3,317	-8.5%	9,092	0	-
GOLD	G4W	4,872	0	-	6,452	-24.5%	16,132	0	-
GOLD	G5M	4,645	0	-	0	-	4,645	0	-
GOLD	G5W	6,065	0	-	0	0.0%	14,006	0	-
GOLD	OG1	49,931	53,264	-6.3%	19,803	152.1%	385,268	356,896	7.9%
GOLD	OG2	36,766	40,229	-8.6%	39,773	-7.6%	384,050	345,033	11.3%
GOLD	OG3	32,876	37,688	-12.8%	37,625	-12.6%	388,036	337,158	15.1%
GOLD	OG4	22,060	21,542	2.4%	32,103	-31.3%	314,881	209,395	50.4%
GOLD	OG5	0	0	0.0%	39,116	-100.0%	78,201	89,738	-12.9%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	0.0%	0	-	0	0	0.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2022	VOLUME AUG 2021	% CHG	VOLUME JUL 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Metals Options									
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	-	0	0	0.0%
IRON ORE CHINA	ICT	300	1,680	-82.1%	0	0.0%	300	5,808	-94.8%
NYMEX HOT ROLLED STEEL	HRO	900	300	200.0%	1,460	-38.4%	12,350	1,905	548.3%
NYMEX PLATINUM	PO	3,600	3,290	9.4%	2,382	51.1%	43,987	24,249	81.4%
PALLADIUM	PAO	12	337	-96.4%	7	71.4%	123	5,076	-97.6%
SILVER	M1S	19	0	-	401	-95.3%	687	0	-
SILVER	M2S	364	0	-	423	-13.9%	1,518	0	-
SILVER	M3S	276	0	-	208	32.7%	843	0	-
SILVER	M4S	251	0	-	208	20.7%	756	0	-
SILVER	M5S	202	0	-	0	-	202	0	-
SILVER	SO1	4,923	5,210	-5.5%	2,558	92.5%	36,993	24,746	49.5%
SILVER	SO2	3,720	4,413	-15.7%	2,350	58.3%	40,999	25,250	62.4%
SILVER	SO3	3,071	3,558	-13.7%	2,549	20.5%	29,684	21,440	38.5%
SILVER	SO4	4,591	2,191	109.5%	2,547	80.3%	27,112	12,686	113.7%
SILVER	SO5	0	0	0.0%	3,186	-100.0%	5,475	5,841	-6.3%
SILVER	W1S	309	0	-	403	-23.3%	1,244	0	-
SILVER	W2S	190	0	-	320	-40.6%	892	0	-
SILVER	W3S	234	0	-	178	31.5%	1,010	0	-
SILVER	W4S	100	0	-	158	-36.7%	548	0	-
SILVER	W5S	434	0	-	0	0.0%	756	0	-
TOTAL FUTURES GROUP									
Ag Products Futures		0	0	0.0%	0	0.0%	0	2	-100.0%
Energy Futures		36,596,567	41,171,743	-11.1%	33,794,644	8.3%	313,155,644	318,268,797	-1.6%
Metals Futures		8,824,215	9,368,730	-5.8%	9,825,532	-10.2%	77,447,692	89,516,729	-13.5%
TOTAL FUTURES		45,420,782	50,540,473	-10.1%	43,620,176	4.1%	390,603,336	407,785,528	-4.2%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME AUG 2022	VOLUME AUG 2021	% CHG	VOIUME JUL 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
TOTAL OPTIONS GROUP								
Energy Options	4,541,635	5,898,729	-23.0%	4,632,474	-2.0%	42,042,589	40,484,034	3.8%
Metals Options	993,681	898,783	10.6%	1,230,906	-19.3%	10,192,608	9,014,162	13.1%
TOTAL OPTIONS	5,535,316	6,797,512	-18.6%	5,863,380	-5.6%	52,235,197	49,498,196	5.5%
TOTAL COMBINED								
Ag Products	0	0	0.0%	0	-	0	2	-100.0%
Energy	41,138,202	47,070,472	-12.6%	38,427,118	7.1%	355,198,233	358,752,831	-1.0%
Metals	9,817,896	10,267,513	-4.4%	11,056,438	-11.2%	87,640,300	98,530,891	-11.1%
GRAND TOTAL	50,956,098	57,337,985	-11.1%	49,483,556	3.0%	442,838,533	457,283,724	-3.2%