

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2021	Open Outcry OCT 2020	% CHG	ELEC OCT 2021	ELEC OCT 2020	% CHG	CME ClearPort OCT 2021	CME ClearPort OCT 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG	CME ClearPort Y.T.D 2021	CME ClearPort Y.T.D 2020	% CHG	
Ag Products Futures																			
COCOA TAS	CJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COFFEE	KT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	2	2	0.0%	0	0	0.0%
COTTON	TT	0	0	0.0%	0	27	-1	0	0	0.0%	0	0	0.0%	0	57	-100.0%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	10	-100.0%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	0	0.0%	24,024,542	16,712,399	0.44	499,519	350,595	42.5%	0	0	0.0%	203,816,473	235,798,989	-13.6%	4,185,771	5,266,946	-20.5%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	10,000	-100.0%	0	0	0.0%	0	0	0.0%	3,732	21,422	-82.6%
MINY WTI CRUDE OIL	QM	0	0	0.0%	431,708	306,991	0.41	0	0	0.0%	0	0	0.0%	4,162,875	6,255,238	-33.4%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	2,080,706	1,633,430	0.27	35,081	25,219	39.1%	0	0	0.0%	20,040,233	22,277,926	-10.0%	206,012	373,615	-44.9%
HEATING OIL PHY	HO	0	0	0.0%	3,638,608	3,488,201	0.04	247,764	226,438	9.4%	0	0	0.0%	30,197,116	35,627,177	-15.2%	1,892,191	1,979,680	-4.4%
HTG OIL	BH	0	0	0.0%	0	0	0	12	0	0.0%	0	0	0.0%	0	0	0.0%	124	108	14.8%
MINY HTG OIL	QH	0	0	0.0%	4	8	-0.5	0	0	0.0%	0	0	0.0%	61	52	17.3%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	3,772,739	3,483,619	0.08	223,382	151,468	47.5%	0	0	0.0%	38,487,183	37,957,537	1.4%	1,901,902	1,710,379	11.2%
MINY RBOB GAS	QU	0	0	0.0%	7	10	-0.3	0	0	0.0%	0	0	0.0%	86	70	22.9%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	86,817	64,786	0.34	178,494	100,113	78.3%	0	0	0.0%	535,065	499,571	7.1%	1,095,065	1,090,679	0.4%
LTD NAT GAS	HH	0	0	0.0%	290,241	269,111	0.08	114,049	140,818	-19.0%	0	0	0.0%	2,335,755	1,804,153	29.5%	1,033,729	873,654	18.3%
MINY NATURAL GAS	QG	0	0	0.0%	529,394	207,566	1.55	0	0	0.0%	0	0	0.0%	1,784,819	1,262,855	41.3%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	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%	8,878,810	9,117,136	-0.03	142,395	196,156	-27.4%	0	0	0.0%	80,866,141	100,960,457	-19.9%	1,497,191	1,899,535	-21.2%
RBOB GAS	RT	0	0	0.0%	0	0	0	24	12	100.0%	0	0	0.0%	0	0	0.0%	84	84	0.0%
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	0.0%	0	20	-100.0%
3.5% FUEL OIL CIF BALMO S	8D	-	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%
ANR OKLAHOMA	NE	-	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	5,370	7,020	-23.5%	0	0	0.0%	0	0	0.0%	87,347	57,005	53.2%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	8,271	6,125	35.0%	0	0	0.0%	0	0	0.0%	61,798	52,423	17.9%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	2,271	2,777	-18.2%	0	0	0.0%	0	0	0.0%	18,243	22,998	-20.7%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	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%	1,314	1,406	-6.5%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	6,171	10,014	-38.4%	0	0	0.0%	0	0	0.0%	99,188	74,136	33.8%

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Energy Futures																		
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,000	2,200	81.8%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	185	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	68	260	-73.8%
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%
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%
CAR VINTAGE	GEO	0	-	-	1,556	-	400	-	-	0	-	-	7,713	-	-	1,769	-	-
CAR VINTAGE	NGO	0	-	-	1,904	-	2,265	-	-	0	-	-	9,483	-	-	8,755	-	-
CENTERPOINT BASIS SWAP	PW	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	906	77	82,214	67,089	22.5%	0	0	0.0%	3,345	266	1,157.5%	731,362	750,360	-2.5%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	135	50	170.0%	0	0	0.0%	0	0	0.0%	3,697	7,047	-47.5%
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%	425	1,290	-67.1%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MON	EJ	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CINERGY HUB PEAK MONTH	EM	-	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	0.0%	0	1,346	-100.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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	0.0%	0	0	0.0%
COAL SWAP	ACM	-	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	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	113	106	6.6%	0	0	0.0%	0	0	0.0%	3,258	2,680	21.6%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	475	457	3.9%	0	0	0.0%	0	0	0.0%	2,982	4,053	-26.4%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	16,141	12,913	25.0%	0	0	0.0%	31	60	-48.3%	148,563	165,747	-10.4%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,295	-100.0%
CRUDE OIL LAST DAY	26	0	0	0.0%	0	0	266	0	0.0%	0	0	0.0%	0	0	0.0%	2,673	695	284.6%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	129	150	-14.0%	0	0	0.0%	0	0	0.0%	3,033	12,514	-75.8%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	480	1,110	-56.8%	0	0	0.0%	0	0	0.0%	9,906	5,306	86.7%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	30	3,709	-99.2%	0	0	0.0%	0	0	0.0%	14,019	3,904	259.1%
CRUDE OIL OUTRIGHTS	DAB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	340	-100.0%
CRUDE OIL OUTRIGHTS	DBL	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	GSW	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	2,464	2,720	-9.4%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	77,908	53,310	46.1%	0	0	0.0%	0	0	0.0%	606,520	761,241	-20.3%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	585	2,211	-73.5%	0	0	0.0%	0	0	0.0%	10,282	9,307	10.5%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	3,030	1,450	109.0%	0	0	0.0%	0	0	0.0%	34,342	24,115	42.4%
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%

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Energy Futures																			
CRUDE OIL PHY	HCL	0	0	0.0%	0	1,154	-1	0	0	0.0%	0	0	0.0%	17,605	37,816	-53.4%	2,542	662	284.0%
CRUDE OIL PHY	MCL	0	-	-	1,296,285	-	0	-	-	0	-	-	4,638,398	-	-	0	-	-	
CRUDE OIL SPRDS	38	0	0	0.0%	0	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	660	0	0.0%	0	0	0.0%	0	0	0.0%	4,147	1,330	211.8%
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0	0	250	9,546	-97.4%	0	0	0.0%	0	0	0.0%	5,350	32,532	-83.6%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	43,423	10,488	314.0%	0	0	0.0%	0	0	0.0%	253,198	226,830	11.6%
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%
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	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	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	0.0%	0	640	-100.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	900	0	0.0%	0	0	0.0%	0	0	0.0%	2,715	244	1,012.7%
DIESEL 10P BRG FOB RDM VS	7X	0	-	-	0	-	0	-	-	0	-	-	0	-	-	30	-	-	
DOMINION TRAN INC - APP I	IH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	0	0	0.0%	-	0	0.0%
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	0.0%	0	300	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10,650	-100.0%
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	3,988	33,774	-0.88	5,568	5,436	2.4%	0	0	0.0%	388,948	290,717	33.8%	42,721	50,071	-14.7%
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	36	1,965	-98.2%	0	0	0.0%	1	6	-83.3%	4,338	9,239	-53.0%
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%
ELEC MISO PEAK	4L	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC NYISO OFF-PEAK	4M	-	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%

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Energy Futures																			
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ETHANOL	MTH	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	10	60	-83.3%	
ETHANOL	Z1B	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
ETHANOL SWAP	MT2	0	0	0.0%	0	0	220	80	175.0%	0	0	0.0%	0	0	0.0%	1,813	1,438	26.1%	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	4,932	4,511	9.3%	0	0	0.0%	0	0	0.0%	36,941	41,296	-10.5%	
EURO 1% FUEL OIL NEW BALM	KX	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	46	65	-29.2%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%	
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	1,187	0	0.0%	0	0	0.0%	0	0	0.0%	2,767	75	3,589.3%	
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%	84	0	0.0%	
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	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%	13	37	-64.9%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	46	12	283.3%	0	0	0.0%	0	0	0.0%	442	2,372	-81.4%	
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	52	0	2,554	0	0.0%	0	0	0.0%	454	286	58.7%	7,528	21	35,747.6%	
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	43	83	-48.2%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	1,529	1,021	49.8%	0	0	0.0%	0	0	0.0%	16,426	13,216	24.3%	
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	710	70	914.3%	
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%	
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	771	488	58.0%	0	0	0.0%	0	0	0.0%	6,079	4,996	21.7%	
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	1,975	1,284	53.8%	0	0	0.0%	0	0	0.0%	15,426	16,527	-6.7%	
FREIGHT MARKETS	ACB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	735	-100.0%	
FREIGHT MARKETS	BF1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%	
FREIGHT MARKETS	BF2	0	0	0.0%	0	0	0	110	-100.0%	0	0	0.0%	0	0	0.0%	119	1,257	-90.5%	
FREIGHT MARKETS	BF3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
FREIGHT MARKETS	BL2	0	-	-	0	-	105	-	-	0	-	-	0	-	-	235	-	-	
FREIGHT MARKETS	FLJ	0	-	-	0	-	10	-	-	0	-	-	0	-	-	92	-	-	
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	20	140	-85.7%	0	0	0.0%	0	0	0.0%	614	2,299	-73.3%	
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	40	75.0%	
FREIGHT MARKETS	FRS	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	309	30	930.0%	0	0	0.0%	0	0	0.0%	784	1,818	-56.9%	
FREIGHT MARKETS	T7C	0	0	0.0%	0	0	0	115	-100.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%	
FREIGHT MARKETS	T8C	0	-	-	0	-	0	-	-	0	-	-	0	-	-	10	-	-	
FREIGHT MARKETS	TD3	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
FREIGHT MARKETS	TD8	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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

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Commodity Indicator	Open Outcry OCT 2021	Open Outcry OCT 2020	% CHG	ELEC OCT 2021	ELEC OCT 2020	% CHG	CME ClearPort OCT 2021	CME ClearPort OCT 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG	CME ClearPort Y.T.D 2021	CME ClearPort Y.T.D 2020	% CHG
Energy Futures																		
FREIGHT MARKETS USC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
FREIGHT MARKETS USE	0	0	0.0%	0	0	0	0	725	-100.0%	0	0	0.0%	0	0	0.0%	90	785	-88.5%
FUEL OIL CRACK VS ICE FO	0	0	0.0%	0	0	0	60	70	-14.3%	0	0	0.0%	0	0	0.0%	2,203	2,580	-14.6%
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%	72	0	0.0%
FUEL OIL (PLATS) CAR CM 1W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN 1X	-	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	51	-100.0%
GAS EURO-BOB OXY NWE BAR 7H	0	0	0.0%	0	0	0	790	712	11.0%	0	0	0.0%	0	0	0.0%	6,877	14,186	-51.5%
GAS EURO-BOB OXY NWE BAR 7K	0	0	0.0%	0	0	0	6,252	2,793	123.8%	0	0	0.0%	0	0	0.0%	52,285	57,236	-8.7%
GASOIL 0.1CIF MED VS ICE Z5	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	60	-	-
GASOIL 0.1 CIF NWE VS ISE TU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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%	42	0	0.0%
GASOIL 0.1 ROTTERDAM BARG VL	0	0	0.0%	0	0	0	15	15	0.0%	0	0	0.0%	0	0	0.0%	163	100	63.0%
GASOIL 10PPM VS ICE SWAP TP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP GX	0	0	0.0%	0	0	0	304	23	1,221.7%	0	0	0.0%	0	0	0.0%	1,422	289	392.0%
GASOIL CRACK SPREAD CALE GZ	0	0	0.0%	0	0	0	1,518	21	7,128.6%	0	0	0.0%	0	0	0.0%	15,811	12,428	27.2%
GASOIL MINI CALENDAR SWAP QA	0	0	0.0%	0	0	0	295	465	-36.6%	0	0	0.0%	0	0	0.0%	3,453	5,630	-38.7%
GERMAN POWER BASELOAD C DEB	0	0	0.0%	46	0	0	0	0	0.0%	0	0	0.0%	136	8,776	-98.5%	102	1,176	-91.3%
GROUP THREE ULSD (PLATTS) A7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GROUP THREE UNLEAD GAS (F A9	0	0	0.0%	0	0	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	6,310	1,932	226.6%	0	0	0.0%	0	0	0.0%	43,935	35,388	24.2%
GRP THREE UNL GS (PLT) VS A8	0	0	0.0%	0	0	0	2,250	2,060	9.2%	0	0	0.0%	0	0	0.0%	26,294	26,178	0.4%
GULF COAST 3% FUEL OIL BA VZ	0	0	0.0%	0	0	0	0	375	-100.0%	0	0	0.0%	0	0	0.0%	712	2,941	-75.8%
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	3,153	-100.0%
GULF COAST JET VS NYM 2 H ME	0	0	0.0%	0	0	0	16,948	15,079	12.4%	0	0	0.0%	0	0	0.0%	212,707	177,471	19.9%
GULF COAST NO.6 FUEL OIL MF	0	0	0.0%	0	0	0	305	5,022	-93.9%	0	0	0.0%	0	0	0.0%	18,214	112,499	-83.8%
GULF COAST NO.6 FUEL OIL MG	0	0	0.0%	0	0	0	9,400	0	0.0%	0	0	0.0%	0	0	0.0%	24,738	482	5,032.4%
GULF COAST ULSD CALENDAR LY	0	0	0.0%	0	0	0	0	1,914	-100.0%	0	0	0.0%	0	0	0.0%	4,138	9,729	-57.5%
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	1,410	-100.0%
HEATING OIL BALMO CLNDR S 1G	0	0	0.0%	0	0	0	394	100	294.0%	0	0	0.0%	0	0	0.0%	2,905	1,417	105.0%
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%	2,450	0	0.0%
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%
HENRY HUB BASIS SWAP HB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6,680	-100.0%
HENRY HUB FINANCIAL LAST NBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%

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Commodity Indicator	Open Outcry OCT 2021	Open Outcry OCT 2020	% CHG	ELEC OCT 2021	ELEC OCT 2020	% CHG	CME ClearPort OCT 2021	CME ClearPort OCT 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG	CME ClearPort Y.T.D 2021	CME ClearPort Y.T.D 2020	% CHG	
Energy Futures																			
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8,392	-100.0%	
HENRY HUB SWAP	NN	0	0	0.0%	0	0	19,717	52,614	-62.5%	0	0	0.0%	31	670	-95.4%	327,610	704,496	-53.5%	
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%	
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	155	430	-64.0%	0	0	0.0%	0	0	0.0%	5,604	32,835	-82.9%	
ICE GASOIL BALMO SWAP	U9	0	-	-	0	-	0	-	-	0	-	-	0	-	-	46	-	-	
INDIANA MISO	FAD	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
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%	
INDIANA MISO	PDD	0	0	0.0%	0	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%	
INDONESIAN COAL IC14	ICI	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	1,124	1,921	-41.5%	
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	150	-100.0%	
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	30	33	-9.1%	0	0	0.0%	0	0	0.0%	622	1,670	-62.8%	
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	12	33	-63.6%	
JET AV FUEL (P) CAR FM ICE G	1V	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	45	0	0.0%	0	0	0.0%	0	0	0.0%	1,364	0	0.0%	
JET FUEL CRG CIF NEW VS I	6X	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	1,255	1,095	14.6%	0	0	0.0%	0	0	0.0%	15,839	17,468	-9.3%	
JKM LNG Futures	JKM	0	0	0.0%	0	0	192	5,650	-96.6%	0	0	0.0%	0	0	0.0%	5,593	19,228	-70.9%	
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	130	0	0.0%	0	0	0.0%	0	0	0.0%	1,945	2,517	-22.7%	
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	225	625	-64.0%	
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	1,025	225	355.6%	0	0	0.0%	0	0	0.0%	5,020	5,665	-11.4%	
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%	
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	600	240	150.0%	0	0	0.0%	0	0	0.0%	2,450	7,355	-66.7%	
LOS ANGELES CARB GASOLIN	MH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%	
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	300	120	150.0%	0	0	0.0%	0	0	0.0%	1,750	2,600	-32.7%	
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	18,893	9,666	95.5%	0	0	0.0%	0	0	0.0%	184,891	156,766	17.9%	
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	1,645	1,547	0.06	17,054	21,926	-22.2%	0	0	0.0%	21,282	8,083	163.3%	116,580	198,605	-41.3%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	4	15	-0.73	1,068	479	123.0%	0	0	0.0%	217	30	623.3%	8,822	9,595	-8.1%
MGF FUT	MGF	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	270	-100.0%	
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
MICHIGAN MISO	HMO	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
MICHIGAN MISO	HMW	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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Energy Futures																				
	MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	0	334	-100.0%	0	0	0.0%	0	0	0.0%	125	739	-83.1%
	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%	391	1,691	-76.9%
	MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	429	834	-48.6%	0	0	0.0%	0	0	0.0%	5,819	7,146	-18.6%
	MJC FUT	MJC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%
	MNC FUT	MNC	0	0	0.0%	0	0	0	1,111	360	208.6%	0	0	0.0%	0	0	0.0%	8,354	10,951	-23.7%
	MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	10	-1	41,445	36,773	12.7%	0	0	0.0%	325	25	1,200.0%	291,928	265,042	10.1%
	MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	4,571	710	543.8%	0	0	0.0%	0	0	0.0%	8,398	3,463	142.5%
	MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	37	6	5.17	225,124	170,003	32.4%	0	0	0.0%	494	160	208.8%	1,884,956	1,719,709	9.6%
	MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	3,076	3,792	-18.9%	0	0	0.0%	0	0	0.0%	31,873	23,184	37.5%
	MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	13,249	11,726	13.0%	0	0	0.0%	0	0	0.0%	145,847	297,716	-51.0%
	MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	710	350	102.9%	0	0	0.0%	0	0	0.0%	6,465	9,260	-30.2%
	MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	15	0	0	63,897	67,561	-5.4%	0	0	0.0%	40	0	0.0%	553,095	676,937	-18.3%
	MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	1,469	1,897	-22.6%	0	0	0.0%	0	0	0.0%	12,816	13,630	-6.0%
	NAT GAS BASIS SWAP	TZ6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	NATURAL GAS PEN SWP	NP	0	0	0.0%	15	0	0	57,361	132,314	-56.6%	0	0	0.0%	133	0	0.0%	542,601	645,078	-15.9%
	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	13,992	-100.0%
	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	768	-100.0%
	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	0.0%	0	0	0.0%
	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	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	420	135	211.1%	0	0	0.0%	0	0	0.0%	1,570	6,819	-77.0%
	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	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	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	0.0%	0	225	-100.0%
	NORTHEN NATURAL GAS DEM	PE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	NORTHEN NATURAL GAS VENT	PF	-	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	0.0%	0	0	0.0%
	N ROCKIES PIPE SWAP	XR	-	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	2,568	-100.0%
	NY 3.0% FUEL OIL (PLATTS	H1	-	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%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2021	Open Outcry OCT 2020	% CHG	ELEC OCT 2021	ELEC OCT 2020	% CHG	CME ClearPort OCT 2021	CME ClearPort OCT 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG	CME ClearPort Y.T.D 2021	CME ClearPort Y.T.D 2020	% CHG	
Energy Futures																			
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	0	1,889	1,617	16.8%	0	0	0.0%	24	38	-36.8%	10,080	31,927	-68.4%
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%	1,570	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	325	195	66.7%	0	0	0.0%	0	0	0.0%	2,224	7,333	-69.7%
NY HARBOR RESIDUAL FUEL C	ML	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	2,234	0	0.0%	0	0	0.0%	0	0	0.0%	16,483	7,776	112.0%
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	NNC	-	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	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	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH PK	K3	-	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	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	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	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	0.0%	0	700	-100.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	600	13	4,515.4%	0	0	0.0%	0	0	0.0%	650	4,909	-86.8%
ONEOK OKLAHOMA NG BASIS	8X	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ONTARIO POWER SWAPS	OPD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ONTARIO POWER SWAPS	OPM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	56	-100.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	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	286	194	47.4%	0	0	0.0%	0	0	0.0%	1,703	1,242	37.1%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	137	33	315.2%	0	0	0.0%	0	0	0.0%	617	730	-15.5%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	21	6	250.0%	0	0	0.0%	0	0	0.0%	149	34	338.2%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	21	-100.0%
PETROCHEMICALS	81	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	147	60	145.0%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	1,356	650	108.6%	0	0	0.0%	0	0	0.0%	11,935	8,843	35.0%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	691	448	54.2%	0	0	0.0%	0	0	0.0%	3,944	3,285	20.1%
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	130	0	0.0%	0	0	0.0%	0	0	0.0%	425	1,295	-67.2%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	2,135	610	250.0%	0	0	0.0%	0	0	0.0%	9,260	7,142	29.7%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	1,265	250	406.0%	0	0	0.0%	0	0	0.0%	3,655	3,016	21.2%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	170	120	41.7%	0	0	0.0%	0	0	0.0%	650	2,100	-69.0%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,039	1,694	20.4%

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Commodity Indicator	Open Outcry OCT 2021	Open Outcry OCT 2020	% CHG	ELEC OCT 2021	ELEC OCT 2020	% CHG	CME ClearPort OCT 2021	CME ClearPort OCT 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG	CME ClearPort Y.T.D 2021	CME ClearPort Y.T.D 2020	% CHG	
Energy Futures																			
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	317	211	50.2%	0	0	0.0%	0	0	0.0%	3,737	3,539	5.6%
PETROCHEMICALS	PMF	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0	9	-	-
PETRO CRCKS & SPRDS ASIA	STI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	75	-100.0%	0	0	0.0%	0	0	0.0%	0	375	-100.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	25,087	14,517	72.8%	0	0	0.0%	0	0	0.0%	210,326	167,581	25.5%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	618	604	2.3%	0	0	0.0%	0	0	0.0%	6,285	10,656	-41.0%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	0	130	-100.0%	0	0	0.0%	0	0	0.0%	655	3,776	-82.7%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	405	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	370	5,882	-93.7%
PETRO CRCKS & SPRDS NA	GCM	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	GCU	0	0	0.0%	0	0	0	0	268	-100.0%	0	0	0.0%	0	0	0.0%	880	15,423	-94.3%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	460	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	575	465	23.7%	0	0	0.0%	0	0	0.0%	3,880	8,975	-56.8%
PETRO CRCKS & SPRDS NA	MFR	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0	145	-	-
PETRO CRCKS & SPRDS NA	NYF	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	RBB	0	0	0.0%	0	0	0	2,687	1,462	83.8%	0	0	0.0%	0	0	0.0%	15,114	32,474	-53.5%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	0	3,645	-100.0%	0	0	0.0%	0	0	0.0%	11,370	58,541	-80.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	383	3,085	-87.6%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	0	9	-100.0%	0	0	0.0%	0	0	0.0%	21	44	-52.3%
PETRO CRK&SPRD EURO	BFR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	207	0	0.0%	0	0	0.0%	0	0	0.0%	1,180	403	192.8%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	31	-83.9%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	456	372	22.6%	0	0	0.0%	0	0	0.0%	5,141	3,989	28.9%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	60	0	0.0%	0	0	0.0%	0	0	0.0%	836	203	311.8%
PETRO CRK&SPRD EURO	FBT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	FVB	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	GCB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	44	-100.0%
PETRO CRK&SPRD EURO	GOC	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	MGB	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	130	-100.0%
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	5	-100.0%

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Commodity Indicator	Open Outcry OCT 2021	Open Outcry OCT 2020	% CHG	ELEC OCT 2021	ELEC OCT 2020	% CHG	CME ClearPort OCT 2021	CME ClearPort OCT 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG	CME ClearPort Y.T.D 2021	CME ClearPort Y.T.D 2020	% CHG	
Energy Futures																			
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	11	0	0.0%	0	0	0.0%	0	0	0.0%	483	400	20.8%
PETRO CRK&SPRD EURO	SFB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	717	1,084	-33.9%
PETROLEUM PRODUCTS	BEB	0	-	-	0	-	0	0	-	-	0	-	0	-	-	-	3	-	-
PETROLEUM PRODUCTS	BEF	0	-	-	0	-	0	-	-	-	0	-	0	-	-	-	3	-	-
PETROLEUM PRODUCTS	CMS	0	-	-	0	-	0	300	-	-	0	-	0	-	-	-	730	-	-
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	1,538	50	2,976.0%	0	0	0.0%	0	0	0.0%	4,948	4,745	4.3%
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0	0	0	70	-100.0%	0	0	0.0%	0	0	0.0%	60	3,113	-98.1%
PETROLEUM PRODUCTS	JCC	0	0	0.0%	50	0	0	600	225	166.7%	0	0	0.0%	50	0	0.0%	2,100	2,510	-16.3%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	160	-100.0%
PETROLEUM PRODUCTS	MPE	0	-	-	0	-	0	0	-	-	0	-	0	-	-	-	14	-	-
PETROLEUM PRODUCTS	NCC	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	R5E	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	5	2	150.0%
PETROLEUM PRODUCTS	R5F	0	0	0.0%	0	0	0	86	19	352.6%	0	0	0.0%	0	0	0.0%	442	131	237.4%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	41	-100.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	65	-100.0%
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	30	295	-89.8%	0	0	0.0%	0	0	0.0%	341	1,443	-76.4%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	80	-87.5%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	491	100	391.0%	0	0	0.0%	0	0	0.0%	2,614	6,985	-62.6%
PETROLEUM PRODUCTS ASIA	MSB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	223	100	123.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	56	59	-5.1%	0	0	0.0%	0	0	0.0%	876	2,515	-65.2%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	9	613	-98.5%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	64	-100.0%
PETRO OUTRIGHT EURO	63	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	7I	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	50	135	-63.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	20	11	81.8%	0	0	0.0%	0	0	0.0%	62	127	-51.2%
PETRO OUTRIGHT EURO	88	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	33	70	-52.9%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2021	Open Outcry OCT 2020	% CHG	ELEC OCT 2021	ELEC OCT 2020	% CHG	CME ClearPort OCT 2021	CME ClearPort OCT 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG	CME ClearPort Y.T.D 2021	CME ClearPort Y.T.D 2020	% CHG	
Energy Futures																			
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	60	147	-59.2%	0	0	0.0%	0	0	0.0%	3,482	1,856	87.6%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	12	0	0.0%
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	434	0	0.0%	0	0	0.0%	0	0	0.0%	2,007	195	929.2%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	0	0.0%
PETRO OUTRIGHT EURO	GNO	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	H5G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	270	-100.0%
PETRO OUTRIGHT EURO	JFB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	9	11.1%
PETRO OUTRIGHT EURO	M1B	0	0	0.0%	0	0	0	851	670	27.0%	0	0	0.0%	0	0	0.0%	12,692	6,764	87.6%
PETRO OUTRIGHT EURO	M35	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	240	30	700.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	284	110	158.2%	0	0	0.0%	0	0	0.0%	3,550	3,066	15.8%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	60	195	-69.2%	0	0	0.0%	0	0	0.0%	2,337	1,414	65.3%
PETRO OUTRIGHT EURO	MQA	0	-	-	0	-	0	35	-	-	0	-	0	-	-	0.0%	65	-	-
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0	0	35	0	0.0%	0	0	0.0%	0	0	0.0%	127	157	-19.1%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	56	10	460.0%
PETRO OUTRIGHT EURO	R5M	0	0	0.0%	0	0	0	1,880	327	474.9%	0	0	0.0%	0	0	0.0%	11,740	3,947	197.4%
PETRO OUTRIGHT EURO	R5O	0	0	0.0%	0	0	0	649	1,158	-44.0%	0	0	0.0%	0	0	0.0%	7,016	8,671	-19.1%
PETRO OUTRIGHT EURO	RBM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	34	59	-42.4%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	6	-16.7%
PETRO OUTRIGHT EURO	S5F	0	0	0.0%	0	0	0	85	31	174.2%	0	0	0.0%	0	0	0.0%	1,080	1,030	4.9%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	0	2,005	1,409	42.3%	0	0	0.0%	0	0	0.0%	17,417	14,839	17.4%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	0	1,903	744	155.8%	0	0	0.0%	0	0	0.0%	11,143	7,361	51.4%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	1,400	0	0.0%
PETRO OUTRIGHT EURO	T0	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	T2B	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	TLB	0	-	-	0	-	0	25	-	-	0	-	0	-	-	0.0%	25	-	-
PETRO OUTRIGHT EURO	TMB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
PETRO OUTRIGHT EURO	UNB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	132	0	0.0%	0	0	0.0%	0	0	0.0%	450	0	0.0%
PETRO OUTRIGHT NA	A8B	0	-	-	0	-	0	215	-	-	0	-	0	-	-	0.0%	1,090	-	-
PETRO OUTRIGHT NA	AB6	0	0	0.0%	0	0	0	145	440	-67.0%	0	0	0.0%	0	0	0.0%	1,930	997	93.6%

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Energy Futures																			
PETRO OUTRIGHT NA	BCR	0	0	0.0%	0	0	0	3,042	710	328.5%	0	0	0.0%	0	0	0.0%	18,507	2,035	809.4%
PETRO OUTRIGHT NA	DBB	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 NA	FCB	0	0	0.0%	0	0	0	32	0	0.0%	0	0	0.0%	0	0	0.0%	32	0	0.0%
PETRO OUTRIGHT NA	H5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,834	-100.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	275	855	-67.8%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	450	90	400.0%	0	0	0.0%	0	0	0.0%	4,025	7,015	-42.6%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	665	2,105	-68.4%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	282	0	0.0%	0	0	0.0%	0	0	0.0%	671	137	389.8%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	95	0	0.0%	0	0	0.0%	0	0	0.0%	627	558	12.4%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	294	1,397	-79.0%	0	0	0.0%	0	0	0.0%	4,569	12,291	-62.8%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	38	-100.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	65	70	-7.1%
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 BGE DA OFF-PEAK	R3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM BGE DA PEAK	E3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM COMED 5MW D AH O PK	D9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM COMED 5MW D AH PK	D8	-	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	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	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 NILL DA OFF-PEAK	L3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM NILL DA PEAK	N3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM OFF-PEAK LMP SWAP FUT	JP	-	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	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	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	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	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	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	15,814	-100.0%
PLASTICS	PGP	0	0	0.0%	0	0	0	1,421	794	79.0%	0	0	0.0%	0	0	0.0%	13,241	10,965	20.8%

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Energy Futures																			
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	180	0	0.0%	0	0	0.0%	0	0	0.0%	185	158	17.1%
PREMIUM UNLEAD 10PPM FOB	8G	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PREM UNL GAS 10PPM RDAM F	7N	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PREM UNL GAS 10PPM RDAM F	7L	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	915	3,254	-71.9%	0	0	0.0%	0	0	0.0%	13,566	17,478	-22.4%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	12,554	28,348	-55.7%	0	0	0.0%	0	0	0.0%	159,496	245,672	-35.1%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	7,310	4,125	77.2%	0	0	0.0%	0	0	0.0%	68,840	55,613	23.8%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	3,099	415	646.7%	0	0	0.0%	0	0	0.0%	21,124	11,290	87.1%
RBOB CRACK SPREAD BALMO	1E	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	713	304	134.5%	0	0	0.0%	0	0	0.0%	8,002	5,601	42.9%
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	0	200	-100.0%	0	0	0.0%	0	0	0.0%	1,105	5,665	-80.5%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	XX	-	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%	0	41	-100.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	13	0	0.0%	0	0	0.0%	0	0	0.0%	23	39	-41.0%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	167	228	-26.8%	0	0	0.0%	0	0	0.0%	1,834	2,297	-20.2%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	215	-100.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	12	-	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	80	-100.0%
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	292	155	88.4%	0	0	0.0%	0	0	0.0%	2,739	2,014	36.0%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	52	62	-16.1%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	494	126	292.1%	0	0	0.0%	0	0	0.0%	3,654	3,335	9.6%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0	0	0	79	-100.0%	0	0	0.0%	0	0	0.0%	118	446	-73.5%
SINGAPORE GASOIL	STZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL CALEND	GHS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL CALEND	MGO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	310	148	109.5%	0	0	0.0%	0	0	0.0%	8,111	7,218	12.4%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	586	567	3.4%	0	0	0.0%	0	0	0.0%	13,083	8,544	53.1%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	600	0	0.0%	0	0	0.0%	0	0	0.0%	10,028	282	3,456.0%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	345	-100.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	0	575	-100.0%	0	0	0.0%	0	0	0.0%	1,990	575	246.1%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	640	65	884.6%	0	0	0.0%	0	0	0.0%	2,135	6,183	-65.5%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	610	175	248.6%

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Energy Futures																			
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	1,620	0	0.0%	0	0	0.0%	0	0	0.0%	6,556	24,280	-73.0%
SING FUEL	MSD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0	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	195	0	0.0%	0	0	0.0%	0	0	0.0%	300	45	566.7%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	620	140	342.9%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	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	968	2,629	-63.2%	0	0	0.0%	0	0	0.0%	11,400	22,190	-48.6%
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	1,057	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
UCM FUT	UCM	-	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	30	-1	0	0	0.0%	0	0	0.0%	2,535	2,124	19.4%	0	216	-100.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	6,290	2,992	110.2%	0	0	0.0%	0	0	0.0%	48,794	51,776	-5.8%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	37,642	36,503	3.1%	0	0	0.0%	0	0	0.0%	347,739	463,607	-25.0%
WAHA BASIS	NW	0	0	0.0%	0	0	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	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	77,017	21,037	266.1%	0	0	0.0%	0	0	0.0%	492,059	373,314	31.8%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	52,855	48,919	8.0%	0	0	0.0%	0	0	0.0%	521,304	598,200	-12.9%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,655	300	785.0%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	7,171	1,775	304.0%	0	0	0.0%	0	0	0.0%	38,356	55,150	-30.5%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	0	1,008	-100.0%	0	0	0.0%	0	0	0.0%	6,075	12,317	-50.7%
Energy Options																			
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	171	0	0.0%	0	0	0.0%	0	0	0.0%	3,061	7,530	-59.3%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	1,600	0	0.0%	0	0	0.0%	0	0	0.0%	198,050	35,575	456.7%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	32,872	35,440	-7.2%	0	0	0.0%	0	2	-100.0%	224,342	363,793	-38.3%
BRENT OIL LAST DAY	BZO	0	0	0.0%	3,028	14,287	-0.79	19,050	50,471	-62.3%	0	0	0.0%	31,310	141,523	-77.9%	209,380	343,128	-39.0%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	0	0	0.0%
COAL API2 INDEX	CLA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL API2 INDEX	CQA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL API2 INDEX	F2C	0	-	-	0	-	0	5	-	-	0	-	0	-	-	-	1,390	-	-
COAL API2 INDEX	F2Q	0	-	-	0	-	0	75	-	-	0	-	0	-	-	-	1,060	-	-

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Energy Options																			
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%	0	1,050	-1	61,130	146,650	-58.3%	0	0	0.0%	42,180	67,121	-37.2%	1,138,860	1,853,811	-38.6%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	25,856	37,704	-31.4%	0	0	0.0%	0	3	-100.0%	318,998	511,704	-37.7%
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	50	-100.0%
CRUDE OIL OUTRIGHTS	AH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,850	-100.0%
CRUDE OIL PHY	LC	0	0	0.0%	0	0	0	32,490	1,300	2,399.2%	0	0	0.0%	1,400	0	0.0%	118,186	108,053	9.4%
CRUDE OIL PHY	LO	0	0	0.0%	2,409,302	2,023,630	0.19	530,563	316,538	67.6%	0	0	0.0%	19,013,783	21,142,810	-10.1%	5,211,831	4,364,983	19.4%
CRUDE OIL PHY	LO1	0	0	0.0%	14,208	6,825	1.08	0	700	-100.0%	0	0	0.0%	184,879	172,106	7.4%	1,025	2,075	-50.6%
CRUDE OIL PHY	LO2	0	0	0.0%	33,634	6,903	3.87	1,500	250	500.0%	0	0	0.0%	161,641	102,550	57.6%	4,350	1,200	262.5%
CRUDE OIL PHY	LO3	0	0	0.0%	217	3,629	-0.94	0	0	0.0%	0	0	0.0%	121,032	109,085	11.0%	1,050	0	0.0%
CRUDE OIL PHY	LO4	0	0	0.0%	28,357	10,281	1.76	1,000	0	0.0%	0	0	0.0%	217,140	176,346	23.1%	2,650	826	220.8%
CRUDE OIL PHY	LO5	0	0	0.0%	37,540	11,605	2.23	0	0	0.0%	0	0	0.0%	79,307	59,518	33.2%	0	0	0.0%
ELEC FINSETTLED	PJN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	43	-100.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	6,281	5,392	16.5%	0	0	0.0%	0	0	0.0%	30,327	46,531	-34.8%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	600	-100.0%
FREIGHT MARKETS	TDT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HEATING OIL CRK SPD AVG PR	3W	0	-	-	0	-	0	0	-	-	0	-	0	-	-	-	1,980	-	-
HEATING OIL PHY	FZ	0	-	-	0	-	0	-	-	-	0	-	0	-	-	-	2,225	-	-
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	252	204	23.5%	0	0	0.0%	0	0	0.0%	1,911	3,527	-45.8%
HEATING OIL PHY	OH	0	0	0.0%	3,048	3,044	0	6,840	10,565	-35.3%	0	0	0.0%	20,412	32,100	-36.4%	59,203	103,210	-42.6%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	2,677	10,421	-74.3%	0	0	0.0%	40	20	100.0%	82,697	72,591	13.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	100	100.0%
LLS CRUDE OIL	WJO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LLS CRUDE OIL	WTO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,400	-100.0%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	540	5,823	-90.7%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	475	-100.0%
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	1,984	0	0	136,075	149,600	-9.0%	0	0	0.0%	10,734	3,151	240.7%	560,074	1,042,867	-46.3%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	2,700	1,900	42.1%	0	0	0.0%	0	0	0.0%	22,100	14,200	55.6%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	200	4,827	-95.9%	247,794	476,448	-48.0%
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%	13,400	11,450	17.0%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	7,550	0	0.0%	0	0	0.0%	0	0	0.0%	107,900	148,300	-27.2%
NATURAL GAS OPT	JKO	0	-	-	0	-	0	2,400	-	-	0	-	0	-	-	-	19,060	-	-

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Energy Options																			
NATURAL GAS OPT	TFO	0	0	0.0%	0	0	0	200	28,190	-99.3%	0	0	0.0%	0	0	0.0%	153,770	214,470	-28.3%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	0	4,320	-100.0%	0	0	0.0%	0	0	0.0%	61,220	26,820	128.3%
NATURAL GAS PHY	KD	0	0	0.0%	0	0	0	1,295	1,745	-25.8%	0	0	0.0%	0	2,618	-100.0%	20,450	36,570	-44.1%
NATURAL GAS PHY	LN	0	0	0.0%	600,503	1,139,359	-0.47	1,163,797	1,622,809	-28.3%	0	0	0.0%	11,724,374	12,352,335	-5.1%	9,389,634	11,748,851	-20.1%
NATURAL GAS PHY	ON	0	0	0.0%	71,073	98,144	-0.28	8,089	1,812	346.4%	0	0	0.0%	822,502	1,261,269	-34.8%	62,554	18,135	244.9%
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	400	-100.0%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	600	-100.0%
N ROCKIES PIPE SWAP	ZR	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	AT	0	0	0.0%	29	31	-0.06	696	826	-15.7%	0	0	0.0%	655	707	-7.4%	9,008	16,457	-45.3%
PETROCHEMICALS	4H	0	0	0.0%	13	0	0	330	0	0.0%	0	0	0.0%	75	11	581.8%	9,437	639	1,376.8%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,315	630	108.7%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	540	-100.0%	0	0	0.0%	0	0	0.0%	0	540	-100.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	180	126	42.9%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT NA	1N5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	150	90	66.7%	0	0	0.0%	0	0	0.0%	1,290	1,285	0.4%
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	770	-100.0%
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	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	84	1,080	-92.2%	0	0	0.0%	0	0	0.0%	1,274	2,161	-41.0%
RBOB CRACK	RX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RBOB PHY	OB	0	0	0.0%	1,463	3,221	-0.55	6,162	3,778	63.1%	0	0	0.0%	20,847	27,014	-22.8%	54,824	55,947	-2.0%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	3	-100.0%	480	1,040	-53.8%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	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%	50	150	-66.7%
SHORT TERM	U12	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	100	600	-83.3%
SHORT TERM	U13	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	600	-66.7%
SHORT TERM	U14	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	300	200	50.0%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	350	700	-50.0%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SHORT TERM	U23	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	50	100.0%
SHORT TERM	U25	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	300	-	-
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%

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Energy Options																			
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	225	500	-55.0%	
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	650	550	18.2%	
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	650	-84.6%	
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	350	1,350	-74.1%	
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	350	-42.9%	
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	800	100	700.0%	
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	325	600	-45.8%	
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	50	400	-87.5%	
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	300	250	20.0%	
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	450	-77.8%	
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	100	-25.0%	
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	325	-53.8%	
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	150	-33.3%	
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	275	-100.0%	
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	300	0.0%	
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	200	50.0%	
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	650	-92.3%	
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	600	-83.3%	
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	950	-94.7%	
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	250	1,075	-76.7%	
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%	
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	2,900	2,400	0.21	24,600	31,800	-22.6%	0	0	0.0%	10,000	17,102	-41.5%	271,500	467,780	-42.0%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	355	0	0	60,750	111,520	-45.5%	0	0	0.0%	1,390	1,200	15.8%	705,310	888,300	-20.6%

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Metals Futures																			
COMEX GOLD	GC	0	0	0.0%	4,065,110	4,558,896	-0.11	53,904	86,396	-37.6%	0	0	0.0%	48,292,347	66,025,522	-26.9%	968,449	1,889,514	-48.7%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	4,566	3,301	0.38	18,645	19,522	-4.5%	0	0	0.0%	42,286	44,585	-5.2%	166,994	139,726	19.5%
NYMEX PLATINUM	PL	0	0	0.0%	292,422	265,586	0.1	7,099	5,554	27.8%	0	0	0.0%	3,550,304	3,681,340	-3.6%	90,738	152,515	-40.5%
PALLADIUM	PA	0	0	0.0%	41,136	32,943	0.25	1,836	1,701	7.9%	0	0	0.0%	457,920	564,147	-18.8%	24,489	32,300	-24.2%
URANIUM	UX	0	0	0.0%	53	1	52	0	0	0.0%	0	0	0.0%	543	55	887.3%	640	1,800	-64.4%
COMEX SILVER	SI	0	0	0.0%	1,163,448	1,627,371	-0.29	20,898	18,256	14.5%	0	0	0.0%	16,488,835	21,892,141	-24.7%	291,734	412,922	-29.3%
COMEX E-Mini GOLD	QO	0	0	0.0%	18,826	15,519	0.21	0	0	0.0%	0	0	0.0%	226,549	336,116	-32.6%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	3,776	5,973	-0.37	0	0	0.0%	0	0	0.0%	59,142	94,629	-37.5%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,764,794	1,825,458	-0.03	21,309	11,719	81.8%	0	0	0.0%	21,245,143	20,403,077	4.1%	199,251	148,517	34.2%
COMEX MINY COPPER	QC	0	0	0.0%	8,878	2,354	2.77	0	0	0.0%	0	0	0.0%	46,973	9,765	381.0%	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%	174	0	0.0%
ALUMINUM	AEP	0	0	0.0%	0	0	0	1,714	5,060	-66.1%	0	0	0.0%	32	157	-79.6%	26,893	34,924	-23.0%
ALUMINUM	ALA	0	0	0.0%	0	0	0	90	360	-75.0%	0	0	0.0%	0	70	-100.0%	3,645	1,539	136.8%
ALUMINUM	ALI	0	0	0.0%	14,904	2,784	4.35	0	16	-100.0%	0	0	0.0%	116,061	37,951	205.8%	20	674	-97.0%
ALUMINUM	AUP	0	0	0.0%	302	708	-0.57	8,804	6,149	43.2%	0	0	0.0%	5,319	5,004	6.3%	58,188	93,661	-37.9%
ALUMINUM	CUP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	50	-100.0%	0	0	0.0%
ALUMINUM	EDP	0	0	0.0%	0	30	-1	4,592	2,102	118.5%	0	0	0.0%	75	483	-84.5%	33,269	36,698	-9.3%
ALUMINUM	MJP	0	0	0.0%	0	0	0	1,080	780	38.5%	0	0	0.0%	0	0	0.0%	3,170	10,510	-69.8%
COBALT METAL FUTURES	COB	0	-	-	0	-	0	180	-	-	0	-	-	12	-	-	2,937	-	-
COPPER	HGS	0	0	0.0%	0	0	0	213	1,744	-87.8%	0	0	0.0%	0	0	0.0%	22,701	31,698	-28.4%
FERROUS PRODUCTS	BUS	0	0	0.0%	361	905	-0.6	909	340	167.4%	0	0	0.0%	7,106	10,549	-32.6%	7,719	9,014	-14.4%
GOLD	4GC	0	0	0.0%	0	20	-1	0	0	0.0%	0	0	0.0%	116	633	-81.7%	0	0	0.0%
GOLD	SGC	0	0	0.0%	1,516	1,017	0.49	0	0	0.0%	0	0	0.0%	16,897	17,138	-1.4%	0	0	0.0%
GOLD	SGU	0	0	0.0%	11,390	4,031	1.83	0	0	0.0%	0	0	0.0%	58,043	55,129	5.3%	0	0	0.0%
HOT ROLLED COIL STEEL FUTU	EHR	0	0	0.0%	230	50	3.6	555	1,150	-51.7%	0	0	0.0%	1,653	52	3,078.8%	9,300	4,110	126.3%
IRON ORE 62 CHINA PLATTS FL	PIO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	209	-100.0%	0	14,289	-100.0%
IRON ORE CHINA	TIO	0	0	0.0%	0	0	0	608	1,068	-43.1%	0	0	0.0%	16	0	0.0%	9,370	5,417	73.0%
LNDN ZINC	ZNC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
METALS	HDG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	143	30	376.7%
METALS	LTH	0	-	-	0	-	0	-	-	-	0	-	0	-	-	-	10	-	-
MICRO GOLD	MGC	0	0	0.0%	1,054,682	1,700,455	-0.38	0	0	0.0%	0	0	0.0%	11,922,754	18,594,952	-35.9%	0	0	0.0%
SILVER	SIL	0	0	0.0%	103,555	245,731	-0.58	0	0	0.0%	0	0	0.0%	1,969,908	1,908,709	3.2%	0	0	0.0%



NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2021	Open Outcry OCT 2020	% CHG	ELEC OCT 2021	ELEC OCT 2020	% CHG	CME ClearPort OCT 2021	CME ClearPort OCT 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG	CME ClearPort Y.T.D 2021	CME ClearPort Y.T.D 2020	% CHG	
Metals Options																			
ALUMINUM	ALO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,250	150	1,400.0%	
COMEX COPPER	HX	0	0	0.0%	46,091	15,418	1.99	18,781	4,841	288.0%	0	0	0.0%	418,501	245,196	70.7%	249,438	133,579	86.7%
COMEX GOLD	OG	0	0	0.0%	572,154	640,085	-0.11	166,350	237,391	-29.9%	0	0	0.0%	5,768,034	8,969,028	-35.7%	1,236,573	2,654,612	-53.4%
COMEX SILVER	SO	0	0	0.0%	91,135	123,795	-0.26	6,104	14,455	-57.8%	0	0	0.0%	1,366,689	1,752,871	-22.0%	193,363	191,178	1.1%
COPPER	H1E	0	0	0.0%	1	0	0	0	0.0%	0	0	0.0%	47	683	-93.1%	0	400	-100.0%	
COPPER	H2E	0	0	0.0%	0	2	-1	0	0	0.0%	0	0	0.0%	43	688	-93.8%	0	0	0.0%
COPPER	H3E	0	0	0.0%	9	0	0	0	0.0%	0	0	0.0%	33	242	-86.4%	0	500	-100.0%	
COPPER	H4E	0	0	0.0%	2	0	0	0	0.0%	0	0	0.0%	69	370	-81.4%	80	0	0.0%	
COPPER	H5E	0	0	0.0%	5	0	0	0	0.0%	0	0	0.0%	7	692	-99.0%	0	0	0.0%	
GOLD	OG1	0	0	0.0%	18,642	13,390	0.39	2,180	950	129.5%	0	0	0.0%	395,596	333,200	18.7%	25,092	16,687	50.4%
GOLD	OG2	0	0	0.0%	30,224	28,211	0.07	500	3,120	-84.0%	0	0	0.0%	396,261	357,443	10.9%	18,774	21,330	-12.0%
GOLD	OG3	0	0	0.0%	34,486	25,287	0.36	990	1,900	-47.9%	0	0	0.0%	395,713	312,169	26.8%	20,208	18,515	9.1%
GOLD	OG4	0	0	0.0%	31,882	24,424	0.31	1,350	1,350	0.0%	0	0	0.0%	266,476	280,263	-4.9%	5,947	5,900	0.8%
GOLD	OG5	0	0	0.0%	33,389	31,143	0.07	475	2,640	-82.0%	0	0	0.0%	119,261	117,447	1.5%	4,341	7,315	-40.7%
HOT ROLLED COIL STEEL CALL	HRO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%	
HOT ROLLED COIL STEEL PUT	HRO	0	0	0.0%	0	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	0.0%	0	3,740	-100.0%	
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6,349	-100.0%	
IRON ORE CHINA	ICT	0	0	0.0%	0	0	0	150	80	87.5%	0	0	0.0%	0	0	0.0%	6,198	380	1,531.1%
NYMEX HOT ROLLED STEEL	HRO	0	0	0.0%	0	0	0	365	225	62.2%	0	0	0.0%	0	0	0.0%	2,970	825	260.0%
NYMEX PLATINUM	PO	0	0	0.0%	449	443	0.01	2,935	900	226.1%	0	0	0.0%	4,859	5,409	-10.2%	25,556	21,031	21.5%
PALLADIUM	PAO	0	0	0.0%	12	2	5	160	100	60.0%	0	0	0.0%	692	1,406	-50.8%	5,870	5,242	12.0%
SILVER	SO1	0	0	0.0%	2,152	698	2.08	100	0	0.0%	0	0	0.0%	27,804	24,010	15.8%	3,311	960	244.9%
SILVER	SO2	0	0	0.0%	2,562	1,684	0.52	235	0	0.0%	0	0	0.0%	30,656	23,329	31.4%	2,808	90	3,020.0%
SILVER	SO3	0	0	0.0%	3,937	1,483	1.65	150	314	-52.2%	0	0	0.0%	25,591	19,471	31.4%	3,428	1,069	220.7%
SILVER	SO4	0	0	0.0%	3,409	990	2.44	0	100	-100.0%	0	0	0.0%	18,665	15,058	24.0%	847	450	88.2%
SILVER	SO5	0	0	0.0%	2,889	1,396	1.07	100	78	28.2%	0	0	0.0%	7,935	7,466	6.3%	895	78	1,047.4%
TOTAL FUTURES GROUP																			
Ag Products Futures		0	0	0.0%	0	27	-100.0%	0	0	0.0%	0	0	0.0%	2	69	-97.1%	0	0	0.0%
Energy Futures		0	0	0.0%	45,040,079	35,319,870	27.5%	2,500,614	2,144,216	16.6%	0	0	0.0%	387,317,052	442,793,082	-12.5%	20,922,971	23,447,120	-10.8%
Metals Futures		0	0	0.0%	8,549,949	10,293,133	-16.9%	142,436	161,917	-12.0%	0	0	0.0%	104,508,034	133,682,463	-21.8%	1,919,834	3,019,858	-36.4%
TOTAL FUTURES		0	0	0.0%	53,590,028	45,613,030	17.5%	2,643,050	2,306,133	14.6%	0	0	0.0%	491,825,088	576,475,614	-14.7%	22,842,805	26,466,978	-13.7%

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TOTAL OPTIONS GROUP																		
Energy Options	0	0	0.0%	3,207,654	3,324,409	-3.5%	2,137,540	2,576,370	-17.0%	0	0	0.0%	32,463,901	35,673,446	-9.0%	19,331,840	23,016,295	-16.0%
Metals Options	0	0	0.0%	873,430	908,451	-3.9%	200,925	268,444	-25.2%	0	0	0.0%	9,242,932	12,466,441	-25.9%	1,807,949	3,090,455	-41.5%
TOTAL OPTIONS	0	0	0.0%	4,081,084	4,232,860	-3.6%	2,338,465	2,844,814	-17.8%	0	0	0.0%	41,706,833	48,139,887	-13.4%	21,139,789	26,106,750	-19.0%
TOTAL COMBINED																		
Ag Products	0	0	0.0%	0	27	-100.0%	0	0	0.0%	0	0	0.0%	2	69	-97.1%	0	0	0.0%
Energy	0	0	0.0%	48,247,733	38,644,279	24.9%	4,638,154	4,720,586	-1.7%	0	0	0.0%	419,780,953	478,466,528	-12.3%	40,254,811	46,463,415	-13.4%
Metals	0	0	0.0%	9,423,379	11,201,584	-15.9%	343,361	430,361	-20.2%	0	0	0.0%	113,750,966	146,148,904	-22.2%	3,727,783	6,110,313	-39.0%
GRAND TOTAL	0	0	0.0%	57,671,112	49,845,890	15.7%	4,981,515	5,150,947	-3.3%	0	0	0.0%	533,531,921	624,615,501	-14.6%	43,982,594	52,573,728	-16.3%

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