

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2021	Open Outcry NOV 2020	% CHG	ELEC NOV 2021	ELEC NOV 2020	% CHG	CME ClearPort NOV 2021	CME ClearPort NOV 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	0	0	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%	22,606,291	17,315,065	0.31	376,191	365,203	3.0%	0	0	0.0%	226,422,764	253,114,054	-10.5%	4,561,962	5,632,149	-19.0%
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	31,422	-88.1%
MINY WTI CRUDE OIL	QM	0	0	0.0%	618,678	300,288	1.06	0	0	0.0%	0	0	0.0%	4,781,553	6,555,526	-27.1%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	2,192,531	1,805,264	0.21	34,596	15,902	117.6%	0	0	0.0%	22,232,764	24,083,190	-7.7%	240,608	389,517	-38.2%
HEATING OIL PHY	HO	0	0	0.0%	3,692,975	3,221,236	0.15	124,283	199,160	-37.6%	0	0	0.0%	33,890,091	38,848,413	-12.8%	2,016,474	2,178,840	-7.5%
HTG OIL	BH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	124	108	14.8%
MINY HTG OIL	QH	0	0	0.0%	9	3	2	0	0	0.0%	0	0	0.0%	70	55	27.3%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	3,974,823	3,208,107	0.24	161,185	177,884	-9.4%	0	0	0.0%	42,462,006	41,165,644	3.1%	2,063,087	1,888,263	9.3%
MINY RBOB GAS	QU	0	0	0.0%	8	8	0	0	0	0.0%	0	0	0.0%	94	78	20.5%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	60,148	36,152	0.66	81,857	95,486	-14.3%	0	0	0.0%	595,213	535,723	11.1%	1,176,922	1,186,165	-0.8%
LTD NAT GAS	HH	0	0	0.0%	254,937	213,754	0.19	82,053	82,409	-0.4%	0	0	0.0%	2,590,692	2,017,907	28.4%	1,115,782	956,063	16.7%
MINY NATURAL GAS	QG	0	0	0.0%	326,126	151,621	1.15	0	0	0.0%	0	0	0.0%	2,110,945	1,414,476	49.2%	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%	7,411,282	8,356,144	-0.11	144,067	128,522	12.1%	0	0	0.0%	88,277,423	109,316,601	-19.2%	1,641,258	2,028,057	-19.1%
RBOB GAS	RT	0	0	0.0%	0	0	0	0	0	0.0%	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	5,661	13,790	-58.9%	0	0	0.0%	0	0	0.0%	93,008	70,795	31.4%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	5,703	4,936	15.5%	0	0	0.0%	0	0	0.0%	67,501	57,359	17.7%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	1,901	2,226	-14.6%	0	0	0.0%	0	0	0.0%	20,144	25,224	-20.1%
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	100	-100.0%	0	0	0.0%	0	0	0.0%	1,314	1,506	-12.7%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	13,493	2,161	524.4%	0	0	0.0%	0	0	0.0%	112,681	76,297	47.7%



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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	-	-	1,664	-	2,725	-	-	0	-	-	9,377	-	-	4,494	-	-	
CAR VINTAGE	NGO	0	-	-	1,929	-	7,087	-	-	0	-	-	11,412	-	-	15,842	-	-	
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%	487	116	77,293	64,918	19.1%	0	0	0.0%	3,832	382	903.1%	808,655	815,278	-0.8%	
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	25	100	-75.0%	0	0	0.0%	0	0	0.0%	3,722	7,147	-47.9%	
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	75	825	-90.9%	0	0	0.0%	0	0	0.0%	500	2,115	-76.4%	
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	50	20	150.0%	0	0	0.0%	0	0	0.0%	3,308	2,700	22.5%	
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	215	346	-37.9%	0	0	0.0%	0	0	0.0%	3,197	4,399	-27.3%	
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	60	14,895	7,921	88.0%	0	0	0.0%	31	120	-74.2%	163,458	173,668	-5.9%	
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	457	241	89.6%	0	0	0.0%	0	0	0.0%	3,130	936	234.4%	
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	309	362	-14.6%	0	0	0.0%	0	0	0.0%	3,342	12,876	-74.0%	
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	468	-100.0%	0	0	0.0%	0	0	0.0%	9,906	5,774	71.6%	
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	370	-100.0%	0	0	0.0%	0	0	0.0%	14,019	4,274	228.0%	
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	0	0.0%	0	0	0.0%	0	0	0.0%	2,464	2,720	-9.4%	
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	90,500	42,987	110.5%	0	0	0.0%	0	0	0.0%	697,020	804,228	-13.3%	
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	90	180	-50.0%	0	0	0.0%	0	0	0.0%	10,372	9,487	9.3%	
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	7,295	3,155	131.2%	0	0	0.0%	0	0	0.0%	41,637	27,270	52.7%	
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	

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Energy Futures																			
CRUDE OIL PHY	HCL	0	0	0.0%	0	2,040	-1	0	0	0.0%	0	0	0.0%	17,605	39,856	-55.8%	2,542	662	284.0%
CRUDE OIL PHY	MCL	0	-	-	2,015,644	-	0	-	-	0	-	-	6,654,042	-	-	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	1,564	0	0.0%	0	0	0.0%	0	0	0.0%	5,711	1,330	329.4%
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0	0	240	15,035	-98.4%	0	0	0.0%	0	0	0.0%	5,590	47,567	-88.2%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	41,441	5,533	649.0%	0	0	0.0%	0	0	0.0%	294,639	232,363	26.8%
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	0	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%	1,368	26,878	-0.95	344	753	-54.3%	0	0	0.0%	390,316	317,595	22.9%	43,065	50,824	-15.3%
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	28	180	-84.4%	0	0	0.0%	1	6	-83.3%	4,366	9,419	-53.6%
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	10	-100.0%	0	0	0.0%	0	0	0.0%	10	70	-85.7%
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	0	315	-56.8%	0	0	0.0%	0	0	0.0%	2,128	2,168	-1.8%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	3,929	-22.0%	0	0	0.0%	0	0	0.0%	40,870	46,334	-11.8%
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	0	35	0.0%	0	0	0.0%	0	0	0.0%	81	65	24.6%
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	0	45	0.0%	0	0	0.0%	0	0	0.0%	2,812	75	3,649.3%
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	0	99	0.0%	0	0	0.0%	0	0	0.0%	541	2,372	-77.2%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	116	32	2.63	255	0	0.0%	0	0.0%	570	318	79.2%	7,783	21	36,961.9%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	75	3	2,400.0%	0	0	0	0	0.0%	118	86	37.2%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	2,502	712	251.4%	0	0	0	0	0.0%	18,928	13,928	35.9%
EUROPE DATED BRENT SWAP	UB	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%	20	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	681	402	69.4%	0	0	0	0	0.0%	6,760	5,398	25.2%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,907	1,140	67.3%	0	0	0	0	0.0%	17,333	17,667	-1.9%
FREIGHT MARKETS	ACB	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	15	-100.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	0	0	5	150	-96.7%	0	0	0	0	0.0%	124	1,407	-91.2%
FREIGHT MARKETS	BF3	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	-	-	50	-	-	0	-	0	-	-	285	-	-
FREIGHT MARKETS	FLJ	0	-	-	0	-	-	5	-	-	0	-	0	-	-	97	-	-
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	88	0	0.0%	0	0	0	0	0.0%	702	2,299	-69.5%
FREIGHT MARKETS	FRC	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%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	0	145	-100.0%	0	0	0	0	0.0%	784	1,963	-60.1%
FREIGHT MARKETS	T7C	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0	0	0.0%	0	270	-100.0%
FREIGHT MARKETS	T8C	0	-	-	0	-	-	0	-	-	0	-	0	-	-	10	-	-
FREIGHT MARKETS	TC6	0	-	-	0	-	-	225	-	-	0	-	0	-	-	225	-	-
FREIGHT MARKETS	TD3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%

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Energy Futures																			
FREIGHT MARKETS	TD8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	USC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	90	800	-88.8%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	0	64	-100.0%	0	0	0.0%	0	0	0.0%	2,203	2,644	-16.7%
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	358	300	19.3%	0	0	0.0%	0	0	0.0%	7,235	14,486	-50.1%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	7,478	1,799	315.7%	0	0	0.0%	0	0	0.0%	59,763	59,035	1.2%
GASOIL 0.1CIF MED VS ICE	Z5	0	-	-	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	17	-100.0%	0	0	0.0%	0	0	0.0%	42	17	147.1%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	15	5	200.0%	0	0	0.0%	0	0	0.0%	178	105	69.5%
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	164	23	613.0%	0	0	0.0%	0	0	0.0%	1,586	312	408.3%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	4,683	0	0.0%	0	0	0.0%	0	0	0.0%	20,494	12,428	64.9%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	607	185	228.1%	0	0	0.0%	0	0	0.0%	4,060	5,815	-30.2%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	6	0	0	0	114	-100.0%	0	0	0.0%	142	8,776	-98.4%	102	1,290	-92.1%
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	3,460	2,075	66.7%	0	0	0.0%	0	0	0.0%	47,395	37,463	26.5%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	2,740	1,405	95.0%	0	0	0.0%	0	0	0.0%	29,034	27,583	5.3%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	28	0	0.0%	0	0	0.0%	0	0	0.0%	740	2,941	-74.8%
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	9,535	11,333	-15.9%	0	0	0.0%	0	0	0.0%	222,242	188,804	17.7%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	545	5,148	-89.4%	0	0	0.0%	0	0	0.0%	18,759	117,647	-84.1%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	4,050	0	0.0%	0	0	0.0%	0	0	0.0%	28,788	482	5,872.6%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	68	76	-10.5%	0	0	0.0%	0	0	0.0%	4,206	9,805	-57.1%
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	235	100	135.0%	0	0	0.0%	0	0	0.0%	3,140	1,517	107.0%
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%

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Energy Futures																			
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%	
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	14,775	15,916	-7.2%	0	0	0.0%	31	670	-95.4%	342,385	720,412	-52.5%	
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	1,140	830	37.3%	0	0	0.0%	0	0	0.0%	6,744	33,665	-80.0%	
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 ICI4	ICI	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	1,124	1,941	-42.1%	
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	6	0	0.0%	0	0	0.0%	0	0	0.0%	6	150	-96.0%	
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	46	9	411.1%	0	0	0.0%	0	0	0.0%	668	1,679	-60.2%	
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	6	0	0.0%	0	0	0.0%	0	0	0.0%	18	33	-45.5%	
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	386	0	0.0%	0	0	0.0%	0	0	0.0%	1,750	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	1,275	940	35.6%	0	0	0.0%	0	0	0.0%	17,114	18,408	-7.0%	
JKM LNG Futures	JKM	0	0	0.0%	0	0	830	35	2,271.4%	0	0	0.0%	0	0	0.0%	6,423	19,263	-66.7%	
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	35	0	0.0%	0	0	0.0%	0	0	0.0%	1,980	2,517	-21.3%	
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	225	675	-66.7%	
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	705	450	56.7%	0	0	0.0%	0	0	0.0%	5,725	6,115	-6.4%	
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	336	540	-37.8%	0	0	0.0%	0	0	0.0%	2,786	7,895	-64.7%	
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	0	0	0.0%	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	18,456	11,830	56.0%	0	0	0.0%	0	0	0.0%	203,347	168,596	20.6%	
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%	729	1,152	-0.37	8,191	23,822	-65.6%	0	0	0.0%	22,011	9,235	138.3%	124,771	222,427	-43.9%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	30	0	1,512	850	77.9%	0	0	0.0%	247	30	723.3%	10,334	10,445	-1.1%	
MGF FUT	MGF	-	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	0	0.0%	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%	

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Energy Futures																			
MICHIGAN MISO	HMW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	68	39	74.4%	0	0	0.0%	0	0	0.0%	193	778	-75.2%
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	319	305	4.6%	0	0	0.0%	0	0	0.0%	6,138	7,451	-17.6%
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	1,964	277	609.0%	0	0	0.0%	0	0	0.0%	10,318	11,228	-8.1%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	18	0	0	29,407	19,547	50.4%	0	0	0.0%	343	25	1,272.0%	321,335	284,589	12.9%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	1,450	67	2,064.2%	0	0	0.0%	0	0	0.0%	9,848	3,530	179.0%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	6	14	-0.57	195,623	129,602	50.9%	0	0	0.0%	500	174	187.4%	2,080,579	1,849,311	12.5%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	1,957	827	136.6%	0	0	0.0%	0	0	0.0%	33,830	24,011	40.9%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	17,526	16,357	7.1%	0	0	0.0%	0	0	0.0%	163,373	314,073	-48.0%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	207	635	-67.4%	0	0	0.0%	0	0	0.0%	6,672	9,895	-32.6%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	55,203	68,245	-19.1%	0	0	0.0%	40	0	0.0%	608,298	745,182	-18.4%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	1,183	1,295	-8.6%	0	0	0.0%	0	0	0.0%	13,999	14,925	-6.2%
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%	0	0	0	41,693	50,617	-17.6%	0	0	0.0%	133	0	0.0%	584,294	695,695	-16.0%
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	245	25	880.0%	0	0	0.0%	0	0	0.0%	1,815	6,844	-73.5%
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	50	-100.0%	0	0	0.0%	0	0	0.0%	0	2,618	-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%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2021	Open Outcry NOV 2020	% CHG	ELEC NOV 2021	ELEC NOV 2020	% CHG	CME ClearPort NOV 2021	CME ClearPort NOV 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 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%	
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	11	0	0	2,521	2,774	-9.1%	0	0	0.0%	35	38	-7.9%	12,601	34,701	-63.7%
NY HARBOR LOW SULPUR GAS	NLS	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	200	110	81.8%	0	0	0.0%	0	0	0.0%	2,424	7,443	-67.4%
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	562	1,575	-64.3%	0	0	0.0%	0	0	0.0%	17,045	9,351	82.3%
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	0	280	-100.0%	0	0	0.0%	0	0	0.0%	650	5,189	-87.5%
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	292	145	101.4%	0	0	0.0%	0	0	0.0%	1,995	1,387	43.8%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	73	34	114.7%	0	0	0.0%	0	0	0.0%	690	764	-9.7%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	13	0	0.0%	0	0	0.0%	0	0	0.0%	162	34	376.5%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	0	24	-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	574	192	199.0%	0	0	0.0%	0	0	0.0%	12,509	9,035	38.5%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	510	314	62.4%	0	0	0.0%	0	0	0.0%	4,454	3,599	23.8%
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	475	1,295	-63.3%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	1,405	500	181.0%	0	0	0.0%	0	0	0.0%	10,665	7,642	39.6%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	557	160	248.1%	0	0	0.0%	0	0	0.0%	4,212	3,176	32.6%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	60	510	-88.2%	0	0	0.0%	0	0	0.0%	710	2,610	-72.8%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2021	Open Outcry NOV 2020	% CHG	ELEC NOV 2021	ELEC NOV 2020	% CHG	CME ClearPort NOV 2021	CME ClearPort NOV 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	MNB	0	0	0.0%	0	0	0	16	10	60.0%	0	0	0.0%	0	0	0.0%	2,055	1,704	20.6%
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	606	127	377.2%	0	0	0.0%	0	0	0.0%	4,343	3,666	18.5%
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	0	0.0%	0	0	0.0%	0	0	0.0%	0	375	-100.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	12,040	11,750	2.5%	0	0	0.0%	0	0	0.0%	222,366	179,331	24.0%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	694	494	40.5%	0	0	0.0%	0	0	0.0%	6,979	11,150	-37.4%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	0	925	-100.0%	0	0	0.0%	0	0	0.0%	655	4,701	-86.1%
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	0	0.0%	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	200	-100.0%	0	0	0.0%	0	0	0.0%	880	15,623	-94.4%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	14	0	0.0%	0	0	0.0%	0	0	0.0%	474	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	1,430	200	615.0%	0	0	0.0%	0	0	0.0%	5,310	9,175	-42.1%
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	967	795	21.6%	0	0	0.0%	0	0	0.0%	16,081	33,269	-51.7%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	225	2,775	-91.9%	0	0	0.0%	0	0	0.0%	11,595	61,316	-81.1%
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	50	0	0.0%	0	0	0.0%	0	0	0.0%	433	3,085	-86.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	26	44	-40.9%
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	294	0	0.0%	0	0	0.0%	0	0	0.0%	1,474	403	265.8%
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	885	322	174.8%	0	0	0.0%	0	0	0.0%	6,026	4,311	39.8%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	856	203	321.7%
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	0	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%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2021	Open Outcry NOV 2020	% CHG	ELEC NOV 2021	ELEC NOV 2020	% CHG	CME ClearPort NOV 2021	CME ClearPort NOV 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	NBB	0	0	0.0%	0	0	0	9	0	0.0%	0	0	0.0%	0	0	0.0%	9	5	80.0%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	68	6	1,033.3%	0	0	0.0%	0	0	0.0%	551	406	35.7%
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	0	0.0%	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	-	0	-	-	-	3	-	-
PETROLEUM PRODUCTS	CMS	0	-	-	0	-	0	0	-	-	0	-	0	-	-	-	730	-	-
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	350	75	366.7%	0	0	0.0%	0	0	0.0%	5,298	4,820	9.9%
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	60	3,413	-98.2%
PETROLEUM PRODUCTS	JCC	0	0	0.0%	0	0	0	450	0	0.0%	0	0	0.0%	50	0	0.0%	2,550	2,510	1.6%
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	0	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	98	16	512.5%	0	0	0.0%	0	0	0.0%	540	147	267.3%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0	0	12	0	0.0%	0	0	0.0%	0	0	0.0%	12	41	-70.7%
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	0	0	0.0%	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	280	20	1,300.0%	0	0	0.0%	0	0	0.0%	2,894	7,005	-58.7%
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	64	24	166.7%	0	0	0.0%	0	0	0.0%	940	2,539	-63.0%
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	0	0.0%	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	0	0.0%	0	0	0.0%	0	0	0.0%	50	135	-63.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	17	0	0.0%	0	0	0.0%	0	0	0.0%	79	127	-37.8%
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	0	0.0%	0	0	0.0%	0	0	0.0%	33	70	-52.9%

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Commodity Indicator		Open Outcry NOV 2021	Open Outcry NOV 2020	% CHG	ELEC NOV 2021	ELEC NOV 2020	% CHG	CME ClearPort NOV 2021	CME ClearPort NOV 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	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	130	15	766.7%	0	0	0.0%	0	0	0.0%	3,612	1,871	93.1%
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	88	0	0.0%	0	0	0.0%	0	0	0.0%	2,095	195	974.4%
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	707	1,436	-50.8%	0	0	0.0%	0	0	0.0%	13,399	8,200	63.4%
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	210	455	-53.8%	0	0	0.0%	0	0	0.0%	3,760	3,521	6.8%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	18	110	-83.6%	0	0	0.0%	0	0	0.0%	2,355	1,524	54.5%
PETRO OUTRIGHT EURO	MQA	0	-	-	0	-	-	3	-	-	0	-	-	0	-	-	68	-	-
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0	0	0	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	2,163	269	704.1%	0	0	0.0%	0	0	0.0%	13,903	4,216	229.8%
PETRO OUTRIGHT EURO	R5O	0	0	0.0%	0	0	0	1,134	998	13.6%	0	0	0.0%	0	0	0.0%	8,150	9,669	-15.7%
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	106	103	2.9%	0	0	0.0%	0	0	0.0%	1,186	1,133	4.7%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	0	2,013	1,521	32.3%	0	0	0.0%	0	0	0.0%	19,430	16,360	18.8%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	0	3,004	931	222.7%	0	0	0.0%	0	0	0.0%	14,147	8,292	70.6%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	1,450	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	-	-	33	-	-	0	-	-	0	-	-	58	-	-
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	400	-100.0%	0	0	0.0%	0	0	0.0%	0	415	-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%	582	0	0.0%
PETRO OUTRIGHT NA	A8B	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	1,090	-	-

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Commodity Indicator	Open Outcry NOV 2021	Open Outcry NOV 2020	% CHG	ELEC NOV 2021	ELEC NOV 2020	% CHG	CME ClearPort NOV 2021	CME ClearPort NOV 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 NA	AB6	0	0	0.0%	0	0	0	170	50	240.0%	0	0	0.0%	0	0	0.0%	2,100	1,047	100.6%
PETRO OUTRIGHT NA	BCR	0	0	0.0%	0	0	0	2,200	773	184.6%	0	0	0.0%	0	0	0.0%	20,707	2,808	637.4%
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	0	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	105	-100.0%	0	0	0.0%	0	0	0.0%	275	960	-71.4%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	125	75	66.7%	0	0	0.0%	0	0	0.0%	4,150	7,090	-41.5%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	665	2,105	-68.4%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	60	0	0.0%	0	0	0.0%	0	0	0.0%	731	137	433.6%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	308	30	926.7%	0	0	0.0%	0	0	0.0%	935	588	59.0%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	359	549	-34.6%	0	0	0.0%	0	0	0.0%	4,928	12,840	-61.6%
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%

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Commodity Indicator	Open Outcry NOV 2021	Open Outcry NOV 2020	% CHG	ELEC NOV 2021	ELEC NOV 2020	% CHG	CME ClearPort NOV 2021	CME ClearPort NOV 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																			
PLASTICS	PGP	0	0	0.0%	0	0	0	2,026	948	113.7%	0	0	0.0%	0	0	0.0%	15,267	11,913	28.2%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	0	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	1,333	850	56.8%	0	0	0.0%	0	0	0.0%	14,899	18,328	-18.7%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	22,174	21,759	1.9%	0	0	0.0%	0	0	0.0%	181,670	267,431	-32.1%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	4,571	5,343	-14.4%	0	0	0.0%	0	0	0.0%	73,411	60,956	20.4%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	575	495	16.2%	0	0	0.0%	0	0	0.0%	21,699	11,785	84.1%
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	833	251	231.9%	0	0	0.0%	0	0	0.0%	8,835	5,852	51.0%
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	0	0	0.0%	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	0	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	189	32	490.6%	0	0	0.0%	0	0	0.0%	2,023	2,329	-13.1%
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	350	201	74.1%	0	0	0.0%	0	0	0.0%	3,089	2,215	39.5%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	0	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	437	167	161.7%	0	0	0.0%	0	0	0.0%	4,091	3,502	16.8%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0	0	60	5	1,100.0%	0	0	0.0%	0	0	0.0%	178	451	-60.5%
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	235	256	-8.2%	0	0	0.0%	0	0	0.0%	8,346	7,474	11.7%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	225	1,767	-87.3%	0	0	0.0%	0	0	0.0%	13,308	10,311	29.1%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	1,080	0	0.0%	0	0	0.0%	0	0	0.0%	11,108	282	3,839.0%
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	1,758	0	0.0%	0	0	0.0%	0	0	0.0%	3,748	575	551.8%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	1,300	165	687.9%	0	0	0.0%	0	0	0.0%	3,435	6,348	-45.9%

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Energy Futures																			
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	610	175	248.6%	
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	725	0	0.0%	0	0	0.0%	0	0	0.0%	7,281	24,280	-70.0%	
SING FUEL	MSD	-	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%	
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	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	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%	
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0	845	970	-12.9%	0	0	0.0%	0	0	0.0%	12,245	23,160	-47.1%	
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	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%	
TRANSCO ZONE 6 BASIS SWAP	NZ	-	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%	
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	0	1,815	-1	0	0.0%	0	0	0.0%	2,535	3,939	-35.6%	0	216	-100.0%	
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	6,255	6,120	2.2%	0	0	0.0%	0	0	0.0%	55,049	57,896	-4.9%	
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	30,319	40,469	-25.1%	0	0	0.0%	0	0	0.0%	378,058	504,076	-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%	
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%	
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	80,450	30,895	160.4%	0	0	0.0%	0	0	0.0%	572,509	404,209	41.6%	
WTI CALENDAR	CS	0	0	0.0%	0	0	54,416	56,951	-4.5%	0	0	0.0%	0	0	0.0%	575,720	655,151	-12.1%	
WTI MIDLAND CRUDE OIL	WTL	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	0	0.0%	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	300	72	316.7%	0	0	0.0%	0	0	0.0%	6,375	12,389	-48.5%	
Energy Options																			
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	45	0	0.0%	0	0	0.0%	0	0	0.0%	3,106	7,530	-58.8%	
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	1,100	-100.0%	0	0	0.0%	0	0	0.0%	198,050	36,675	440.0%	
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	7,649	14,819	-48.4%	0	0	0.0%	0	2	-100.0%	231,991	378,612	-38.7%	
BRENT OIL LAST DAY	BZO	0	0	0.0%	2,087	9,062	-0.77	48,095	28,750	67.3%	0	0	0.0%	33,397	150,585	-77.8%	257,475	371,878	-30.8%
BRENT OIL LAST DAY	OS	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%	
COAL API2 INDEX	CQA	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
COAL API2 INDEX	F2C	0	-	-	0	-	190	-	-	0	-	-	0	-	-	1,580	-	-	

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Energy Options																			
COAL API2 INDEX	F2Q	0	-	0	-	-	50	-	-	0	-	-	0	-	-	1,110	-	-	
CRUDE OIL	6Y	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%	
CRUDE OIL 1MO	WA	0	0.0%	3,300	22,100	-0.85	55,610	163,150	-65.9%	0	0	0.0%	45,480	89,221	-49.0%	1,194,470	2,016,961	-40.8%	
CRUDE OIL APO	AO	0	0.0%	0	0	0	16,172	109,670	-85.3%	0	0	0.0%	0	3	-100.0%	335,170	621,374	-46.1%	
CRUDE OIL CALNDR STRIP	6F	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	0	170	-100.0%	
CRUDE OIL OUTRIGHTS	AH	-	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%	
CRUDE OIL PHY	CD	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	21,909	7,436	194.6%	0	0	0.0%	1,400	0	0.0%	140,095	115,489	21.3%	
CRUDE OIL PHY	LO	0	0.0%	2,821,371	2,025,893	0.39	545,210	377,776	44.3%	0	0	0.0%	21,835,154	23,168,703	-5.8%	5,757,041	4,742,759	21.4%	
CRUDE OIL PHY	LO1	0	0.0%	52,514	8,912	4.89	1,200	0	0.0%	0	0	0.0%	237,393	181,018	31.1%	2,225	2,075	7.2%	
CRUDE OIL PHY	LO2	0	0.0%	28,941	9,337	2.1	0	0	0.0%	0	0	0.0%	190,582	111,887	70.3%	4,350	1,200	262.5%	
CRUDE OIL PHY	LO3	0	0.0%	28,733	9,093	2.16	0	0	0.0%	0	0	0.0%	149,765	118,178	26.7%	1,050	0	0.0%	
CRUDE OIL PHY	LO4	0	0.0%	40,349	8,217	3.91	0	0	0.0%	0	0	0.0%	257,489	184,563	39.5%	2,650	826	220.8%	
CRUDE OIL PHY	LO5	0	0.0%	0	0	0	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	43	-100.0%	
ETHANOL SWAP	CVR	0	0.0%	0	0	0	6,173	2,135	189.1%	0	0	0.0%	0	0	0.0%	36,500	48,666	-25.0%	
ETHANOL SWAP	GVR	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%	
HEATING OIL CRK SPD AVG PR	3W	0	0.0%	0	0	0	0	1,200	-100.0%	0	0	0.0%	0	0	0.0%	1,980	1,200	65.0%	
HEATING OIL PHY	FZ	0	-	0	-	-	0	-	-	0	-	-	0	-	-	2,225	-	-	
HEATING OIL PHY	LB	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,911	3,527	-45.8%	
HEATING OIL PHY	OH	0	0.0%	4,002	1,857	1.16	8,070	9,871	-18.2%	0	0	0.0%	24,414	33,957	-28.1%	67,273	113,081	-40.5%	
HENRY HUB FINANCIAL LAST	E7	0	0.0%	0	0	0	5,312	4,249	25.0%	0	0	0.0%	40	20	100.0%	88,009	76,840	14.5%	
HO 1 MONTH CLNDR OPTIONS	FA	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%	
LLS CRUDE OIL	WTO	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	2,425	-100.0%	0	0	0.0%	0	0	0.0%	540	8,248	-93.5%	
MCCLOSKY RCH BAY COAL	MFO	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	475	-100.0%	
NATURAL GAS 1 M CSO FIN	G4	0	0.0%	2,300	1,515	0.52	73,920	42,075	75.7%	0	0	0.0%	13,034	4,666	179.3%	633,994	1,084,942	-41.6%	
NATURAL GAS 2 M CSO FIN	G2	0	0.0%	0	0	0	8,150	5,450	49.5%	0	0	0.0%	0	0	0.0%	30,250	19,650	53.9%	
NATURAL GAS 3 M CSO FIN	G3	0	0.0%	0	0	0	0	12,750	-100.0%	0	0	0.0%	200	4,827	-95.9%	247,794	489,198	-49.3%	
NATURAL GAS 5 M CSO FIN	G5	0	0.0%	0	0	0	5,250	0	0.0%	0	0	0.0%	0	0	0.0%	18,650	11,450	62.9%	
NATURAL GAS 6 M CSO FIN	G6	0	0.0%	400	0	0	6,650	3,100	114.5%	0	0	0.0%	400	0	0.0%	114,550	151,400	-24.3%	

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Energy Options																			
NATURAL GAS OPT	JKO	0	-	0	-		2,500	-	-	0	-	-	0	-	-	21,560	-	-	
NATURAL GAS OPT	TFO	0	0.0%	0	0	0	0	2,450	-100.0%	0	0	0.0%	0	0	0.0%	153,770	216,920	-29.1%	
NATURAL GAS OPTION ON CAL	6J	0	0.0%	0	0	0	2,100	6,260	-66.5%	0	0	0.0%	0	0	0.0%	63,320	33,080	91.4%	
NATURAL GAS PHY	KD	0	0.0%	0	0	0	285	1,175	-75.7%	0	0	0.0%	0	2,618	-100.0%	20,735	37,745	-45.1%	
NATURAL GAS PHY	LN	0	0.0%	649,497	1,074,990	-0.4	685,385	1,089,140	-37.1%	0	0	0.0%	12,373,871	13,427,325	-7.8%	10,075,019	12,837,991	-21.5%	
NATURAL GAS PHY	ON	0	0.0%	71,957	95,932	-0.25	8,195	2,617	213.1%	0	0	0.0%	894,459	1,357,201	-34.1%	70,749	20,752	240.9%	
NATURAL GAS SUMMER STRIP	4D	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	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%	
NY HARBOR HEAT OIL SWP	AT	0	0.0%	17	17	0	2,325	697	233.6%	0	0	0.0%	672	724	-7.2%	11,333	17,154	-33.9%	
PETROCHEMICALS	4H	0	0.0%	0	0	0	390	10	3,800.0%	0	0	0.0%	75	11	581.8%	9,827	649	1,414.2%	
PETROCHEMICALS	4J	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	500	-100.0%	0	0	0.0%	0	0	0.0%	0	1,040	-100.0%	
PETROCHEMICALS	CPR	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	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	200	-100.0%	
PETRO OUTRIGHT NA	DAP	0	0.0%	0	0	0	120	30	300.0%	0	0	0.0%	0	0	0.0%	1,410	1,315	7.2%	
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	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%	
RBOB 1MO CAL SPD OPTIONS	ZA	-	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	0	0.0%	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%	
RBOB PHY	OB	0	0.0%	2,307	2,823	-0.18	4,135	5,646	-26.8%	0	0	0.0%	23,154	29,837	-22.4%	58,959	61,593	-4.3%	
RBOB PHY	RF	0	0.0%	0	0	0	0	0	0.0%	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%	
SHORT TERM	U11	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	50	0	0.0%	0	0	0.0%	0	0	0.0%	150	600	-75.0%	
SHORT TERM	U13	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	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%	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%	
SHORT TERM	U23	0	0.0%	0	0	0	0	0	0.0%	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%	100	50	100.0%	
SHORT TERM	U25	0	-	0	-		0	-	-	0	-	-	0	-	-	300	-	-	



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Energy Options																		
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	275	500	-45.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0.0%	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	200	0	0.0%	0	0	0.0%	0	0	0.0%	550	1,350	-59.3%
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	50	-100.0%	0	0	0.0%	0	0	0.0%	800	150	433.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	325	600	-45.8%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	400	-87.5%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	0.0%	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	200	-100.0%	0	0	0.0%	0	0	0.0%	75	300	-75.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	150	375	-60.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	100	200	-50.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	325	-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	500	-100.0%	0	0	0.0%	0	0	0.0%	50	1,150	-95.7%
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%	100	0	54,325	23,300	133.2%	0	0	0.0%	10,100	17,102	-40.9%	325,825	491,080	-33.7%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	685	0	39,400	110,370	-64.3%	0	0	0.0%	2,075	1,200	72.9%	744,710	998,670	-25.4%

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Metals Futures																			
COMEX GOLD	GC	0	0	0.0%	5,969,316	6,004,279	-0.01	161,274	172,801	-6.7%	0	0	0.0%	54,261,663	72,029,801	-24.7%	1,129,723	2,062,315	-45.2%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	2,182	4,373	-0.5	15,594	14,821	5.2%	0	0	0.0%	44,468	48,958	-9.2%	182,588	154,547	18.1%
NYMEX PLATINUM	PL	0	0	0.0%	354,641	272,225	0.3	9,751	5,371	81.5%	0	0	0.0%	3,904,945	3,953,565	-1.2%	100,489	157,886	-36.4%
PALLADIUM	PA	0	0	0.0%	81,913	56,957	0.44	2,887	2,432	18.7%	0	0	0.0%	539,833	621,104	-13.1%	27,376	34,732	-21.2%
URANIUM	UX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	543	55	887.3%	640	1,800	-64.4%
COMEX SILVER	SI	0	0	0.0%	1,850,135	2,115,311	-0.13	30,683	24,377	25.9%	0	0	0.0%	18,338,970	24,007,452	-23.6%	322,417	437,299	-26.3%
COMEX E-Mini GOLD	QO	0	0	0.0%	26,937	26,345	0.02	0	0	0.0%	0	0	0.0%	253,486	362,461	-30.1%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	5,279	5,293	0	0	0	0.0%	0	0	0.0%	64,421	99,922	-35.5%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,966,288	2,189,501	-0.1	11,553	24,969	-53.7%	0	0	0.0%	23,211,431	22,592,578	2.7%	210,804	173,486	21.5%
COMEX MINY COPPER	QC	0	0	0.0%	8,864	2,142	3.14	0	0	0.0%	0	0	0.0%	55,837	11,907	368.9%	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	3,923	1,734	126.2%	0	0	0.0%	32	157	-79.6%	30,816	36,658	-15.9%
ALUMINUM	ALA	0	0	0.0%	0	0	0	60	200	-70.0%	0	0	0.0%	0	70	-100.0%	3,705	1,739	113.1%
ALUMINUM	ALI	0	0	0.0%	13,922	2,465	4.65	0	0	0.0%	0	0	0.0%	129,983	40,416	221.6%	20	674	-97.0%
ALUMINUM	AUP	0	0	0.0%	334	500	-0.33	9,583	4,912	95.1%	0	0	0.0%	5,653	5,504	2.7%	67,771	98,573	-31.2%
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	20	-1	6,218	2,800	122.1%	0	0	0.0%	75	503	-85.1%	39,487	39,498	0.0%
ALUMINUM	MJP	0	0	0.0%	0	0	0	1,992	640	211.3%	0	0	0.0%	0	0	0.0%	5,162	11,150	-53.7%
COBALT METAL FUTURES	COB	0	-	-	0	-	-	273	-	-	0	-	-	12	-	-	3,210	-	-
COPPER	HGS	0	0	0.0%	0	0	0	1,337	1,292	3.5%	0	0	0.0%	0	0	0.0%	24,038	32,990	-27.1%
FERROUS PRODUCTS	BUS	0	0	0.0%	174	2,142	-0.92	1,069	1,711	-37.5%	0	0	0.0%	7,280	12,691	-42.6%	8,788	10,725	-18.1%
GOLD	4GC	0	0	0.0%	0	101	-1	0	0	0.0%	0	0	0.0%	116	734	-84.2%	0	0	0.0%
GOLD	SGC	0	0	0.0%	566	933	-0.39	0	0	0.0%	0	0	0.0%	17,463	18,071	-3.4%	0	0	0.0%
GOLD	SGU	0	0	0.0%	14,715	3,341	3.4	0	0	0.0%	0	0	0.0%	72,758	58,470	24.4%	0	0	0.0%
HOT ROLLED COIL STEEL FUTU	EHR	0	0	0.0%	422	614	-0.31	1,320	986	33.9%	0	0	0.0%	2,075	666	211.6%	10,620	5,096	108.4%
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	1,630	1,418	15.0%	0	0	0.0%	16	0	0.0%	11,000	6,835	60.9%
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%	1,271,788	1,588,687	-0.2	0	0	0.0%	0	0	0.0%	13,194,542	20,183,639	-34.6%	0	0	0.0%
SILVER	SIL	0	0	0.0%	131,283	238,618	-0.45	0	0	0.0%	0	0	0.0%	2,101,191	2,147,327	-2.1%	0	0	0.0%



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Commodity Indicator	Open Outcry NOV 2021	Open Outcry NOV 2020	% CHG	ELEC NOV 2021	ELEC NOV 2020	% CHG	CME ClearPort NOV 2021	CME ClearPort NOV 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%	33,179	17,712	0.87	12,743	8,519	49.6%	0	0	0.0%	451,680	262,908	71.8%	262,181	142,098	84.5%
COMEX GOLD	OG	0	0	0.0%	716,061	811,693	-0.12	134,547	185,847	-27.6%	0	0	0.0%	6,484,095	9,780,721	-33.7%	1,371,120	2,840,459	-51.7%
COMEX SILVER	SO	0	0	0.0%	104,964	131,066	-0.2	13,405	21,601	-37.9%	0	0	0.0%	1,471,653	1,883,937	-21.9%	206,768	212,779	-2.8%
COPPER	H1E	0	0	0.0%	38	0	0	0	0.0%	0	0	0.0%	85	683	-87.6%	0	400	-100.0%	
COPPER	H2E	0	0	0.0%	55	4	12.75	0	0	0.0%	0	0	0.0%	98	692	-85.8%	0	0	0.0%
COPPER	H3E	0	0	0.0%	35	0	0	0	0.0%	0	0	0.0%	68	242	-71.9%	0	500	-100.0%	
COPPER	H4E	0	0	0.0%	11	0	0	0	0.0%	0	0	0.0%	80	370	-78.4%	80	0	0.0%	
COPPER	H5E	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	7	692	-99.0%	0	0	0.0%	
GOLD	OG1	0	0	0.0%	59,894	38,037	0.57	5,070	1,525	232.5%	0	0	0.0%	455,490	371,237	22.7%	30,162	18,212	65.6%
GOLD	OG2	0	0	0.0%	62,903	47,066	0.34	9,230	2,025	355.8%	0	0	0.0%	459,164	404,509	13.5%	28,004	23,355	19.9%
GOLD	OG3	0	0	0.0%	48,520	24,248	1	6,450	577	1,017.9%	0	0	0.0%	444,233	336,417	32.0%	26,658	19,092	39.6%
GOLD	OG4	0	0	0.0%	52,193	20,233	1.58	2,550	1,450	75.9%	0	0	0.0%	318,669	300,496	6.0%	8,497	7,350	15.6%
GOLD	OG5	0	0	0.0%	0	0	0	0	0.0%	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	0	0.0%	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	830	150	453.3%	0	0	0.0%	0	0	0.0%	3,800	975	289.7%
NYMEX PLATINUM	PO	0	0	0.0%	805	239	2.37	2,050	100	1,950.0%	0	0	0.0%	5,664	5,648	0.3%	27,606	21,131	30.6%
PALLADIUM	PAO	0	0	0.0%	18	46	-0.61	50	188	-73.4%	0	0	0.0%	710	1,452	-51.1%	5,920	5,430	9.0%
SILVER	SO1	0	0	0.0%	4,966	1,548	2.21	620	505	22.8%	0	0	0.0%	32,770	25,558	28.2%	3,931	1,465	168.3%
SILVER	SO2	0	0	0.0%	5,939	1,487	2.99	815	315	158.7%	0	0	0.0%	36,595	24,816	47.5%	3,623	405	794.6%
SILVER	SO3	0	0	0.0%	3,290	589	4.59	200	470	-57.4%	0	0	0.0%	28,881	20,060	44.0%	3,628	1,539	135.7%
SILVER	SO4	0	0	0.0%	3,034	398	6.62	75	0	0.0%	0	0	0.0%	21,699	15,456	40.4%	922	450	104.9%
SILVER	SO5	0	0	0.0%	0	0	0	0	0.0%	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	0	0.0%	0	0	0.0%	0	0	0.0%	2	69	-97.1%	0	0	0.0%
Energy Futures		0	0	0.0%	43,159,816	34,639,749	24.6%	1,963,229	1,815,534	8.1%	0	0	0.0%	430,476,868	477,432,831	-9.8%	22,886,200	25,262,654	-9.4%
Metals Futures		0	0	0.0%	11,698,759	12,513,847	-6.5%	259,147	260,464	-0.5%	0	0	0.0%	116,206,793	146,196,310	-20.5%	2,178,981	3,280,322	-33.6%
TOTAL FUTURES		0	0	0.0%	54,858,575	47,153,596	16.3%	2,222,376	2,075,998	7.1%	0	0	0.0%	546,683,663	623,629,210	-12.3%	25,065,181	28,542,976	-12.2%

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Commodity Indicator	Open Outcry NOV 2021	Open Outcry NOV 2020	% CHG	ELEC NOV 2021	ELEC NOV 2020	% CHG	CME ClearPort NOV 2021	CME ClearPort NOV 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
TOTAL OPTIONS GROUP																		
Energy Options	0	0	0.0%	3,708,560	3,269,748	13.4%	1,609,115	2,029,221	-20.7%	0	0	0.0%	36,172,461	38,943,194	-7.1%	20,940,955	25,045,516	-16.4%
Metals Options	0	0	0.0%	1,095,905	1,094,366	0.1%	188,635	223,272	-15.5%	0	0	0.0%	10,338,837	13,560,807	-23.8%	1,996,584	3,313,727	-39.7%
TOTAL OPTIONS	0	0	0.0%	4,804,465	4,364,114	10.1%	1,797,750	2,252,493	-20.2%	0	0	0.0%	46,511,298	52,504,001	-11.4%	22,937,539	28,359,243	-19.1%
TOTAL COMBINED																		
Ag Products	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	69	-97.1%	0	0	0.0%
Energy	0	0	0.0%	46,868,376	37,909,497	23.6%	3,572,344	3,844,755	-7.1%	0	0	0.0%	466,649,329	516,376,025	-9.6%	43,827,155	50,308,170	-12.9%
Metals	0	0	0.0%	12,794,664	13,608,213	-6.0%	447,782	483,736	-7.4%	0	0	0.0%	126,545,630	159,757,117	-20.8%	4,175,565	6,594,049	-36.7%
GRAND TOTAL	0	0	0.0%	59,663,040	51,517,710	15.8%	4,020,126	4,328,491	-7.1%	0	0	0.0%	593,194,961	676,133,211	-12.3%	48,002,720	56,902,219	-15.6%