

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Ag Products Futures</b>																			
COCOA TAS	CJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	8	-100.0%	0	0	0.0%	
COFFEE	KT	0	0	0.0%	0	2	-1	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%	57	38	50.0%	0	0	0.0%	
SUGAR 11	YO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	10	10	0.0%	0	0	0.0%	
<b>Energy Futures</b>																			
CRUDE OIL PHY	CL	0	0	0.0%	17,315,065	18,666,269	-0.07	365,203	399,880	-8.7%	0	0	0.0%	253,114,054	266,819,923	-5.1%	5,632,149	5,318,192	5.9%
CRUDE OIL	WS	0	0	0.0%	0	0	0	10,000	0	0.0%	0	0	0.0%	0	0	0.0%	31,422	16,694	88.2%
MINY WTI CRUDE OIL	QM	0	0	0.0%	300,288	358,951	-0.16	0	0	0.0%	0	0	0.0%	6,555,526	5,161,441	27.0%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,805,264	1,729,275	0.04	15,902	12,305	29.2%	0	0	0.0%	24,083,190	23,349,524	3.1%	389,517	486,324	-19.9%
HEATING OIL PHY	HO	0	0	0.0%	3,221,236	3,689,352	-0.13	199,160	284,434	-30.0%	0	0	0.0%	38,848,413	36,916,115	5.2%	2,178,840	2,767,993	-21.3%
HTG OIL	BH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	108	96	12.5%	
MINY HTG OIL	QH	0	0	0.0%	3	4	-0.25	0	0	0.0%	0	0	0.0%	55	36	52.8%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	3,208,107	3,413,095	-0.06	177,884	172,609	3.1%	0	0	0.0%	41,165,644	43,782,445	-6.0%	1,888,263	2,631,543	-28.2%
MINY RBOB GAS	QU	0	0	0.0%	8	6	0.33	0	0	0.0%	0	0	0.0%	78	69	13.0%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	36,152	32,571	0.11	95,486	64,285	48.5%	0	0	0.0%	535,723	424,009	26.3%	1,186,165	821,476	44.4%
LTD NAT GAS	HH	0	0	0.0%	213,754	158,979	0.34	82,409	132,597	-37.9%	0	0	0.0%	2,017,907	1,712,953	17.8%	956,063	1,599,704	-40.2%
MINY NATURAL GAS	QG	0	0	0.0%	151,621	58,117	1.61	0	0	0.0%	0	0	0.0%	1,414,476	385,549	266.9%	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%	
NATURAL GAS PHY	NG	0	0	0.0%	8,356,144	9,695,989	-0.14	128,522	264,511	-51.4%	0	0	0.0%	109,316,601	91,185,560	19.9%	2,028,057	2,871,618	-29.4%
RBOB GAS	RT	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%	20	97	-79.4%	
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%	
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%	
AEP-DAYTON HUB MTHLY	VM	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
AEP-DAYTON HUB OFF-PEAK M	VP	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
ALGONQUIN CITYGATES BASIS	B4	-	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	0.0%	0	0	0.0%	
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	13,790	3,935	250.4%	0	0	0.0%	0	0	0.0%	70,795	87,329	-18.9%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	4,936	5,190	-4.9%	0	0	0.0%	0	0	0.0%	57,359	67,455	-15.0%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	2,226	2,747	-19.0%	0	0	0.0%	0	0	0.0%	25,224	32,699	-22.9%

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Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
AUSTRALIAN COKE COAL	ACT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
AUSTRALIAN 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	100	0	0.0%	0	0	0.0%	0	0	0.0%	1,506	1,960	-23.2%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	2,161	7,638	-71.7%	0	0	0.0%	0	0	0.0%	76,297	81,795	-6.7%
BRENT CFD SWAP	6W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,200	7,000	-68.6%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	58	-100.0%	0	0	0.0%	0	0	0.0%	185	1,539	-88.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	260	0	0.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	116	0	0	64,918	75,564	-14.1%	0	0	0.0%	382	509	-25.0%	815,278	1,106,831	-26.3%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	100	651	-84.6%	0	0	0.0%	0	0	0.0%	7,147	6,016	18.8%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	825	0	0.0%	0	0	0.0%	0	0	0.0%	2,115	1,370	54.4%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	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	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,346	4,872	-72.4%
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	3,920	-100.0%
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	325	-100.0%
COAL SWAP	ACM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	364	-100.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	20	222	-91.0%	0	0	0.0%	0	0	0.0%	2,700	2,584	4.5%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	346	675	-48.7%	0	0	0.0%	0	0	0.0%	4,399	5,417	-18.8%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	60	0	0	7,921	12,903	-38.6%	0	0	0.0%	120	144	-16.7%	173,668	160,769	8.0%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	0	3,300	-100.0%	0	0	0.0%	0	0	0.0%	4,295	33,110	-87.0%
CRUDE OIL LAST DAY	26	0	-	-	0	-	-	241	-	-	0	-	-	0	-	-	936	-	-
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	362	285	27.0%	0	0	0.0%	0	0	0.0%	12,876	4,250	203.0%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	468	960	-51.3%	0	0	0.0%	0	0	0.0%	5,774	4,781	20.8%
CRUDE OIL OUTRIGHTS	CPD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	370	40	825.0%	0	0	0.0%	0	50	-100.0%	4,274	3,228	32.4%
CRUDE OIL OUTRIGHTS	DAB	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	340	-	-

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<b>Energy Futures</b>																			
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	730	-100.0%	
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	2,720	296	818.9%	
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	42,987	65,605	-34.5%	0	0	0.0%	0	0	0.0%	804,228	641,505	25.4%	
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	180	1,305	-86.2%	0	0	0.0%	0	0	0.0%	9,487	4,488	111.4%	
CRUDE OIL OUTRIGHTS	SSW	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL OUTRIGHTS	UMD	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL OUTRIGHTS	UNS	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL OUTRIGHTS	WCC	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	3,155	2,770	13.9%	0	0	0.0%	0	0	0.0%	27,270	42,210	-35.4%	
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%	
CRUDE OIL PHY	HCL	0	0	0.0%	2,040	6,535	-0.69	0	95	-100.0%	0	0	0.0%	39,856	126,856	-68.6%	662	48,637	-98.6%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%	
CRUDE OIL SPRDS	ANT	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,330	-	-	
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0	15,035	0	0.0%	0	0	0.0%	0	0	0.0%	47,567	900	5,185.2%	
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	5,533	12,860	-57.0%	0	0	0.0%	0	0	0.0%	232,363	228,584	1.7%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
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%	
DATED BRENT (PLATTS) DAILY	7G	0	-	-	0	-	0	-	-	0	-	-	0	-	-	640	-	-	
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	244	1,000	-75.6%	
DIESEL 10P BRG FOB RDM VS	7X	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DOMINION TRAN INC - APP I	IH	0	0	0.0%	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%	



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<b>Energy Futures</b>																			
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%	
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	240	-100.0%	0	0	0.0%	0	0	0.0%	10,650	18,055	-41.0%	
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	26,878	25,146	0.07	753	60	1,155.0%	0	0	0.0%	317,595	126,780	150.5%	50,824	60	84,606.7%
EASTERN RAIL DELIVERY CSX	QX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	20	-100.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	180	36	400.0%	0	0	0.0%	6	0	0.0%	9,419	3,422	175.2%
ELEC ERCOT DLY OFF PK	I4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC ERCOT DLY PEAK	I3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC ERCOT DLY PEAK	I7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC ERCOT OFF PEAK	I2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0.0%	0	0	0.0%
ELEC MISO PEAK	55	-	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	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	58	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ERCOT HOUSTON Z MCPE 5M	I1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	I8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	I6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT NORTH ZMCPE 5MW PE	I5	-	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	0	0.0%	0	0	0.0%	0	0	0.0%	70	50	40.0%
ETHANOL	Z1B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	MT2	0	0	0.0%	0	0	0	730	70	942.9%	0	0	0.0%	0	0	0.0%	2,168	960	125.8%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	5,038	5,541	-9.1%	0	0	0.0%	0	0	0.0%	46,334	41,013	13.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	95	-100.0%	0	0	0.0%	0	0	0.0%	65	566	-88.5%	
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	22	182	-87.9%	
EURO-DENOMINATED PETRO P	NCP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	644	-100.0%
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	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	37	400	-90.8%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	1,152	-100.0%	0	0	0.0%	0	0	0.0%	2,372	10,610	-77.6%	

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

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	32	84	-0.62	0	0	0.0%	0	0	0.0%	318	1,228	-74.1%	21	0	0.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	3	15	-80.0%	0	0	0.0%	0	0	0.0%	86	1,448	-94.1%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	712	3,101	-77.0%	0	0	0.0%	0	0	0.0%	13,928	40,565	-65.7%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	1,633	-95.7%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	402	567	-29.1%	0	0	0.0%	0	0	0.0%	5,398	17,077	-68.4%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,140	1,941	-41.3%	0	0	0.0%	0	0	0.0%	17,667	20,962	-15.7%
FREIGHT MARKETS	ACB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	735	1,020	-27.9%
FREIGHT MARKETS	BF1	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	15	-	-
FREIGHT MARKETS	BF2	0	-	-	0	-	-	150	-	-	0	-	-	0	-	-	1,407	-	-
FREIGHT MARKETS	BF3	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	2,299	1,516	51.6%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	1,652	-97.6%
FREIGHT MARKETS	FRS	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	80	-100.0%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	145	390	-62.8%	0	0	0.0%	0	0	0.0%	1,963	6,090	-67.8%
FREIGHT MARKETS	T7C	0	-	-	0	-	-	20	-	-	0	-	-	0	-	-	270	-	-
FREIGHT MARKETS	TC6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	TD3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	140	-100.0%
FREIGHT MARKETS	TD8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
FREIGHT MARKETS	USC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	90	280	-67.9%
FREIGHT MARKETS	USE	0	-	-	0	-	-	15	-	-	0	-	-	0	-	-	800	-	-
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	64	2,049	-96.9%	0	0	0.0%	0	0	0.0%	2,644	19,161	-86.2%
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%	0	15	-100.0%
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	6	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	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	55	-100.0%	0	0	0.0%	0	0	0.0%	51	1,584	-96.8%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	300	1,890	-84.1%	0	0	0.0%	0	0	0.0%	14,486	50,067	-71.1%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	1,799	8,606	-79.1%	0	0	0.0%	0	0	0.0%	59,035	86,280	-31.6%
GASOIL 0.1CIF MED VS ICE	Z5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0.0%	0	10	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	17	0	0.0%	0	0	0.0%	0	0	0.0%	17	21	-19.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	105	139	-24.5%
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	39	-100.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	23	122	-81.1%	0	0	0.0%	0	0	0.0%	312	275	13.5%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	0	3,672	-100.0%	0	0	0.0%	0	0	0.0%	12,428	10,526	18.1%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	185	1,433	-87.1%	0	0	0.0%	0	0	0.0%	5,815	5,283	10.1%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	0	811	-1	114	0	0.0%	0	0	0.0%	8,776	23,953	-63.4%	1,290	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	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	300	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	2,075	1,015	104.4%	0	0	0.0%	0	0	0.0%	37,463	36,464	2.7%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	1,405	1,185	18.6%	0	0	0.0%	0	0	0.0%	27,583	27,312	1.0%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	0	304	-100.0%	0	0	0.0%	0	0	0.0%	2,941	8,828	-66.7%
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%	3,153	267	1,080.9%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	11,333	7,160	58.3%	0	0	0.0%	0	0	0.0%	188,804	210,663	-10.4%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	5,148	15,229	-66.2%	0	0	0.0%	0	2	-100.0%	117,647	241,124	-51.2%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	0	700	-100.0%	0	0	0.0%	0	0	0.0%	482	3,138	-84.6%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	76	96	-20.8%	0	0	0.0%	0	0	0.0%	9,805	3,816	156.9%
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%	1,410	360	291.7%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	1,517	565	168.5%
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%	0	18	-100.0%
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	4,960	-100.0%	0	0	0.0%	0	0	0.0%	6,680	21,170	-68.4%
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	0	0.0%
HENRY HUB FINANCIAL LAST	TTE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	0	4,960	-100.0%	0	0	0.0%	0	0	0.0%	8,392	21,170	-60.4%
HENRY HUB SWAP	NN	0	0	0.0%	0	0	0	15,916	88,866	-82.1%	0	0	0.0%	670	122	449.2%	720,412	1,059,902	-32.0%
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	736	-100.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	830	7,875	-89.5%	0	0	0.0%	0	0	0.0%	33,665	63,086	-46.6%
IN DELIVERY MONTH EUA	6T	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDIANA MISO	FAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0	0	20	125	-84.0%	0	0	0.0%	0	0	0.0%	1,941	3,505	-44.6%
ISO NEW ENGLAND OFF-PEAK	KI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ISO NEW ENGLAND PK LMP	NI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	196	-23.5%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	9	206	-95.6%	0	0	0.0%	0	0	0.0%	1,679	10,074	-83.3%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>																		
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	33	333	-90.1%
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	0.0%	0	0	0.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	262	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	132	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	940	-47.0%	0	0	0.0%	0	0	0.0%	18,408	43,348	-57.5%
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	35	-99.0%	0	0	0.0%	0	0	0.0%	19,263	20,742	-7.1%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,517	400	529.3%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	50	0.0%	0	0	0.0%	0	0	0.0%	675	2,875	-76.5%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	450	63.6%	0	0	0.0%	0	0	0.0%	6,115	12,884	-52.5%
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	0	540	-56.6%	0	0	0.0%	0	0	0.0%	7,895	19,989	-60.5%
LOS ANGELES CARB GASOLIN	MH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	10	50.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	2,600	14,755	-82.4%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	11,830	-9.7%	0	0	0.0%	0	480	-100.0%	168,596	198,538	-15.1%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	1,152	1,057	0.09	23,822	-19.2%	0	0	0.0%	9,235	6,802	35.8%	222,427	330,223	-32.6%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	850	-44.9%	0	0	0.0%	30	0	0.0%	10,445	24,962	-58.2%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	270	510	-47.1%
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	0.0%	0	0	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	39	-53.6%	0	0	0.0%	0	0	0.0%	778	2,079	-62.6%
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%	1,691	3,910	-56.8%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	305	-71.5%	0	0	0.0%	0	0	0.0%	7,451	20,394	-63.5%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
MNC FUT	MNC	0	0	0.0%	0	0	0	277	-80.0%	0	0	0.0%	0	0	0.0%	11,228	35,961	-68.8%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	19,547	65.5%	0	0	0.0%	25	0	0.0%	284,589	173,360	64.2%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	67	-39.1%	0	0	0.0%	0	0	0.0%	3,530	1,504	134.7%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	14	6	1.33	129,602	-4.3%	0	0	0.0%	174	118	47.5%	1,849,311	1,587,512	16.5%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	827	-53.1%	0	0	0.0%	0	0	0.0%	24,011	30,550	-21.4%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	16,357	12.9%	0	0	0.0%	0	0	0.0%	314,073	98,706	218.2%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	635	-7.3%	0	0	0.0%	0	0	0.0%	9,895	7,156	38.3%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	68,245	19.7%	0	0	0.0%	0	0	0.0%	745,182	529,447	40.7%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	1,295	916	41.4%	0	0	0.0%	0	0	0.0%	14,925	13,905	7.3%
NAT GAS BASIS SWAP	TZ6	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	XIC	-	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	50,617	33,654	50.4%	0	0	0.0%	0	0	0.0%	695,695	329,369	111.2%
NEPOOL CNCTCT 5MW D AH O	P3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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%	13,992	71,600	-80.5%
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%	768	220	249.1%
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%
NEPOOL RHD ISLD 5MW D AH	U4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NEPOOL RHODE IL 5MW D AH	U5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NEPOOL W CNTR M 5MW D AH	R6	-	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	25	1,380	-98.2%	0	0	0.0%	0	0	0.0%	6,844	9,348	-26.8%
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	1,760	-100.0%
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,696	-100.0%
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%
N ILLINOIS HUB MTHLY	UM	-	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%	225	925	-75.7%
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	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	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	3,106	-100.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	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	50	305	-83.6%	0	0	0.0%	0	0	0.0%	2,618	4,987	-47.5%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	775	-100.0%
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	25	-100.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	0	2,774	715	288.0%	0	0	0.0%	38	19	100.0%	34,701	22,998	50.9%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	390	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	110	2,305	-95.2%	0	0	0.0%	0	0	0.0%	7,443	9,368	-20.5%
NY HARBOR RESIDUAL FUEL C	ML	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 NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	1,575	150	950.0%	0	0	0.0%	0	0	0.0%	9,351	5,175	80.7%
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	620	-100.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
NYISO J	KJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO J OFF-PEAK	KK	-	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	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	101,424	-100.0%
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	8,394	-100.0%
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%	700	2,000	-65.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	280	0	0.0%	0	0	0.0%	0	0	0.0%	5,189	2,770	87.3%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,860	-100.0%
ONTARIO POWER SWAPS	OFD	-	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	0.0%	0	25	-100.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	56	0	0.0%
PANHANDLE PIPE SWAP	XH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	145	160	-9.4%	0	0	0.0%	0	0	0.0%	1,387	1,883	-26.3%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	34	89	-61.8%	0	0	0.0%	0	0	0.0%	764	1,138	-32.9%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	34	49	-30.6%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	3	0	0.0%	0	0	0.0%	0	0	0.0%	24	79	-69.6%
PETROCHEMICALS	81	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	60	-	-
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	192	1,049	-81.7%	0	0	0.0%	0	0	0.0%	9,035	7,667	17.8%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	314	627	-49.9%	0	0	0.0%	0	0	0.0%	3,599	5,604	-35.8%
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,295	280	362.5%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	500	408	22.5%	0	0	0.0%	0	0	0.0%	7,642	4,069	87.8%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	160	40	300.0%	0	0	0.0%	0	0	0.0%	3,176	2,282	39.2%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	510	700	-27.1%	0	0	0.0%	0	0	0.0%	2,610	3,965	-34.2%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	10	390	-97.4%	0	0	0.0%	0	0	0.0%	1,704	6,530	-73.9%

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## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	127	224	-43.3%	0	0	0.0%	0	0	0.0%	3,666	2,424	51.2%
PETRO CRCKS & SPRDS ASIA	JNC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
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%	375	332	13.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	11,750	4,200	179.8%	0	0	0.0%	0	0	0.0%	179,331	73,016	145.6%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	494	2,887	-82.9%	0	0	0.0%	0	0	0.0%	11,150	26,907	-58.6%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	100	3,870	-97.4%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	925	125	640.0%	0	0	0.0%	0	0	0.0%	4,701	6,124	-23.2%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	405	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	0	1,243	-100.0%	0	0	0.0%	0	0	0.0%	5,882	13,479	-56.4%
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	300	-100.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	200	8,240	-97.6%	0	0	0.0%	0	0	0.0%	15,623	40,068	-61.0%
PETRO CRCKS & SPRDS NA	GFC	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	HOB	0	0	0.0%	0	0	0	200	745	-73.2%	0	0	0.0%	0	0	0.0%	9,175	18,476	-50.3%
PETRO CRCKS & SPRDS NA	MFR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	125	-100.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	795	2,348	-66.1%	0	0	0.0%	0	0	0.0%	33,269	71,972	-53.8%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	2,775	7,186	-61.4%	0	0	0.0%	0	0	0.0%	61,316	141,567	-56.7%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	10	1,145	-99.1%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	3,085	10,708	-71.2%
PETRO CRK&SPRD EURO	1ND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	44	155	-71.6%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	0	186	-100.0%	0	0	0.0%	0	0	0.0%	403	5,312	-92.4%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	31	53	-41.5%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	322	433	-25.6%	0	0	0.0%	0	0	0.0%	4,311	6,038	-28.6%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	0	264	-100.0%	0	0	0.0%	0	0	0.0%	203	6,870	-97.0%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
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%	44	527	-91.7%
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%	0	160	-100.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG
<b>Energy Futures</b>																		
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	130	130	0.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	58	-91.4%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	6	73	-91.8%	0	0	0.0%	0	0	0.0%	406	3,509	-88.4%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	56	-100.0%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	1,084	788	37.6%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	75	1,095	-93.2%	0	0	0.0%	0	0	0.0%	4,820	23,200	-79.2%
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0	300	5,168	-94.2%	0	0	0.0%	0	0	0.0%	3,413	5,168	-34.0%
PETROLEUM PRODUCTS	JCC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,510	720	248.6%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	160	0	0.0%
PETROLEUM PRODUCTS	MPE	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETROLEUM PRODUCTS	R5E	0	-	-	0	-	0	-	-	0	-	-	0	-	-	2	-	-
PETROLEUM PRODUCTS	R5F	0	0	0.0%	0	0	16	13	23.1%	0	0	0.0%	0	0	0.0%	147	32	359.4%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	41	56	-26.8%
PETROLEUM PRODUCTS	UCS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	65	-	-
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0	0	1,065	-100.0%	0	0	0.0%	0	0	0.0%	0	1,149	-100.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	1,443	815	77.1%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	80	168	-52.4%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	20	80	-75.0%	0	0	0.0%	0	0	0.0%	7,005	13,861	-49.5%
PETROLEUM PRODUCTS ASIA	MSB	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	0B	0	0	0.0%	0	0	0	16	-100.0%	0	0	0.0%	0	0	0.0%	100	467	-78.6%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	45	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	24	545	-95.6%	0	0	0.0%	0	0	0.0%	2,539	13,953	-81.8%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	136	-100.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	52	-100.0%	0	0	0.0%	0	0	0.0%	613	3,550	-82.7%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%
PETRO OUTRIGHT EURO	33	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	8	-100.0%	0	0	0.0%	0	0	0.0%	64	236	-72.9%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	107	-81.3%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	46	-100.0%	0	0	0.0%	0	0	0.0%	135	985	-86.3%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	70	-100.0%	0	0	0.0%	0	0	0.0%	127	1,346	-90.6%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	31	-100.0%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	50	40.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	22	20	10.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	15	255	-94.1%	0	0	0.0%	0	0	0.0%	1,871	2,380	-21.4%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	0	22	-100.0%	0	0	0.0%	0	0	0.0%	40	194	-79.4%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	31	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	163	-100.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	0	63	-100.0%	0	0	0.0%	0	0	0.0%	195	4,269	-95.4%
PETRO OUTRIGHT EURO	FLB	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 EURO	GES	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	GNO	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	10	-	-
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	0	0	0	918	-100.0%	0	0	0.0%	0	0	0.0%	270	1,257	-78.5%
PETRO OUTRIGHT EURO	JFB	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	9	-	-
PETRO OUTRIGHT EURO	M1B	0	0	0.0%	0	0	0	1,436	700	105.1%	0	0	0.0%	0	0	0.0%	8,200	1,645	398.5%
PETRO OUTRIGHT EURO	M35	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	24	-100.0%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	30	5	500.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	455	10	4,450.0%	0	0	0.0%	0	0	0.0%	3,521	3,231	9.0%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	110	215	-48.8%	0	0	0.0%	0	0	0.0%	1,524	3,497	-56.4%
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0	0	0	96	-100.0%	0	0	0.0%	0	0	0.0%	157	203	-22.7%
PETRO OUTRIGHT EURO	R5B	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	10	-	-
PETRO OUTRIGHT EURO	R5M	0	0	0.0%	0	0	0	269	225	19.6%	0	0	0.0%	0	0	0.0%	4,216	1,608	162.2%
PETRO OUTRIGHT EURO	R5O	0	0	0.0%	0	0	0	998	74	1,248.6%	0	0	0.0%	0	0	0.0%	9,669	2,229	333.8%
PETRO OUTRIGHT EURO	RBM	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	59	-	-
PETRO OUTRIGHT EURO	S5B	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	6	-	-
PETRO OUTRIGHT EURO	S5F	0	0	0.0%	0	0	0	103	27	281.5%	0	0	0.0%	0	0	0.0%	1,133	136	733.1%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	0	1,521	445	241.8%	0	0	0.0%	0	0	0.0%	16,360	1,714	854.5%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	0	931	186	400.5%	0	0	0.0%	0	0	0.0%	8,292	505	1,542.0%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	850	-100.0%
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%	20	15	33.3%
PETRO OUTRIGHT EURO	TMB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT EURO	ULB	0	-	-	0	-	0	400	-	-	0	-	-	0	-	-	415	-	-
PETRO OUTRIGHT EURO	UNB	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	300	-	-
PETRO OUTRIGHT EURO	V0	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	X0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	AB6	0	-	-	0	-	0	50	-	-	0	-	-	0	-	-	1,047	-	-
PETRO OUTRIGHT NA	BCR	0	-	-	0	-	0	773	-	-	0	-	-	0	-	-	2,808	-	-

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG
<b>Energy Futures</b>																		
PETRO OUTRIGHT NA	DBB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	75	-	-
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	426	-100.0%
PETRO OUTRIGHT NA	FOM	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	H5B	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,834	-	-
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	105	0	0.0%	0	0	0.0%	0	0	0.0%	960	240	300.0%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	75	1,025	-92.7%	0	0	0.0%	0	0	0.0%	7,090	24,980	-71.6%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	2,105	7,573	-72.2%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	137	324	-57.7%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	30	78	-61.5%	0	0	0.0%	0	0	0.0%	588	1,757	-66.5%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	549	1,995	-72.5%	0	0	0.0%	0	0	0.0%	12,840	24,483	-47.6%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	35	-100.0%	0	0	0.0%	0	0	0.0%	38	373	-89.8%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	819	-91.5%
PETRO OUTRIGHT NA	XER	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	117,180	-100.0%
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	2,560	-100.0%
PJM ATSI ELEC	MOD	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM ATSI ELEC	MPD	-	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	0.0%	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	0.0%	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	0.0%	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	0.0%	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%
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%
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%
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	3,845	-100.0%
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	70,000	-100.0%
PJM NILL DA OFF-PEAK	L3	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 PEAK	N3	0	0	0.0%	0	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	0.0%	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%
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%
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%
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%
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%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
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	47,100	-100.0%	
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15,814	53,631	-70.5%	
PLASTICS	PGP	0	0	0.0%	0	0	0	948	736	28.8%	0	0	0.0%	0	0	0.0%	11,913	7,948	49.9%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	0	21	-100.0%	0	0	0.0%	0	0	0.0%	158	858	-81.6%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	139	-100.0%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	35	-100.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	850	773	10.0%	0	0	0.0%	0	0	0.0%	18,328	15,445	18.7%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	21,759	30,849	-29.5%	0	0	0.0%	0	0	0.0%	267,431	221,059	21.0%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	5,343	6,227	-14.2%	0	0	0.0%	0	0	0.0%	60,956	63,421	-3.9%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	495	2,060	-76.0%	0	0	0.0%	0	0	0.0%	11,785	13,560	-13.1%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	251	1,587	-84.2%	0	0	0.0%	0	0	0.0%	5,852	10,405	-43.8%
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 SPREAD (PLATTS) SWAP	RI	-	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%	5,665	150	3,676.7%
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	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%	41	230	-82.2%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	0	116	-100.0%	0	0	0.0%	0	0	0.0%	39	932	-95.8%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	32	2,134	-98.5%	0	0	0.0%	0	0	0.0%	2,329	30,062	-92.3%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	0	103	-100.0%	0	0	0.0%	0	0	0.0%	215	2,430	-91.2%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	0	49	-100.0%	0	0	0.0%	0	0	0.0%	80	688	-88.4%
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	201	2,372	-91.5%	0	0	0.0%	0	0	0.0%	2,215	22,556	-90.2%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	0	65	-100.0%	0	0	0.0%	0	0	0.0%	62	707	-91.2%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	167	1,725	-90.3%	0	0	0.0%	0	0	0.0%	3,502	38,305	-90.9%
SINGAPORE GASOIL	SBM	0	-	-	0	-	0	5	-	-	0	-	0	-	-	451	-	-	
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND	GDH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL CALEND	GDL	-	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	0.0%	0	270	-100.0%
SINGAPORE GASOIL CALEND	MGO	0	0	0.0%	0	0	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	256	313	-18.2%	0	0	0.0%	0	0	0.0%	7,474	2,082	259.0%
SINGAPORE GASOIL CALEND	SGG	-	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 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	1,767	1,293	36.7%	0	0	0.0%	0	0	0.0%	10,311	10,539	-2.2%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	282	4,683	-94.0%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	345	50	590.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	575	100	475.0%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	165	490	-66.3%	0	0	0.0%	0	0	0.0%	6,348	6,495	-2.3%
SINGAPORE JET KERO VS. GAS	Z0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	175	1,500	-88.3%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	0	5,972	-100.0%	0	0	0.0%	0	0	0.0%	24,280	94,294	-74.3%
SINGAPORE NAPHTHA SWAP	SP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SING FUEL	MSD	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	-	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	0	25	-100.0%	0	0	0.0%	0	0	0.0%	45	2,456	-98.2%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	140	3,416	-95.9%
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	970	2,836	-65.8%	0	0	0.0%	0	0	0.0%	23,160	58,780	-60.6%
TENNESSEE ZONE 0 BASIS SW	NQ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Tetco STX Basis	TX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0	0.0%
TEXAS GAS ZONE1 NG BASIS	9F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Transco Zone 3 Basis	CZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	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	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	0.0%	0	20	-100.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	1,815	295	5.15	0	0	0.0%	0	0	0.0%	3,939	6,339	-37.9%	216	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	6,120	4,950	23.6%	0	0	0.0%	0	0	0.0%	57,896	61,280	-5.5%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	40,469	39,211	3.2%	0	0	0.0%	0	0	0.0%	504,076	380,309	32.5%
WAHA BASIS	NW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	650	-100.0%
WESTERN RAIL DELIVERY PRB	QP	-	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	1,953	-100.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	30,895	34,765	-11.1%	0	0	0.0%	0	0	0.0%	404,209	397,210	1.8%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	56,951	60,076	-5.2%	0	0	0.0%	0	0	0.0%	655,151	462,473	41.7%
WTI MIDLAND CRUDE OIL	WTL	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	300	-	-

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Futures</b>																			
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	0	1,440	-100.0%	0	0	0.0%	0	0	0.0%	55,150	46,137	19.5%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	72	115	-37.4%	0	0	0.0%	0	0	0.0%	12,389	7,270	70.4%
<b>Energy Options</b>																			
BRENT 1 MONTH CAL	AA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	0	900	-100.0%	0	0	0.0%	0	0	0.0%	7,530	4,710	59.9%
BRENT CRUDE OIL 12 M CSO	9Y	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	1,100	0	0.0%	0	0	0.0%	0	1,800	-100.0%	36,675	33,990	7.9%
BRENT CRUDE OIL 6 M CSO	9L	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	14,819	13,000	14.0%	0	0	0.0%	2	0	0.0%	378,612	355,576	6.5%
BRENT OIL LAST DAY	BZO	0	0	0.0%	9,062	58,679	-0.85	28,750	19,475	47.6%	0	0	0.0%	150,585	684,795	-78.0%	371,878	350,807	6.0%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	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	0.0%	0	225	-100.0%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	835	-100.0%
COAL API4 INDEX	RLA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL API4 INDEX	RQA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL SWAP	CPF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL SWAP	RPF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL	6Y	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	50	150	-66.7%
CRUDE OIL 1MO	WA	0	0	0.0%	22,100	2,900	6.62	163,150	106,250	53.6%	0	0	0.0%	89,221	90,787	-1.7%	2,016,961	2,263,825	-10.9%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	109,670	105,348	4.1%	0	0	0.0%	3	3	0.0%	621,374	540,373	15.0%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0	0	120	0	0.0%	0	0	0.0%	0	0	0.0%	170	200	-15.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	960	-100.0%
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	1,300	42.3%
CRUDE OIL PHY	LC	0	0	0.0%	0	20	-1	7,436	18,428	-59.6%	0	0	0.0%	0	80	-100.0%	115,489	124,084	-6.9%
CRUDE OIL PHY	LO	0	0	0.0%	2,025,893	1,652,387	0.23	377,776	274,602	37.6%	0	0	0.0%	23,168,703	25,033,995	-7.5%	4,742,759	4,219,416	12.4%
CRUDE OIL PHY	LO1	0	0	0.0%	8,912	15,754	-0.43	0	0	0.0%	0	0	0.0%	181,018	171,441	5.6%	2,075	875	137.1%
CRUDE OIL PHY	LO2	0	0	0.0%	9,337	12,536	-0.26	0	0	0.0%	0	0	0.0%	111,887	151,937	-26.4%	1,200	550	118.2%
CRUDE OIL PHY	LO3	0	0	0.0%	9,093	341	25.67	0	0	0.0%	0	0	0.0%	118,178	98,827	19.6%	0	700	-100.0%
CRUDE OIL PHY	LO4	0	0	0.0%	8,217	24,448	-0.66	0	0	0.0%	0	0	0.0%	184,563	183,708	0.5%	826	300	175.3%
CRUDE OIL PHY	LO5	0	0	0.0%	0	20,801	-1	0	0	0.0%	0	0	0.0%	59,518	69,059	-13.8%	0	700	-100.0%

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<b>Energy Options</b>																			
ELEC FINSETTLED	PJN	0	-	-	0	-	0	-	-	0	-	-	0	-	-	43	-	-	
ETHANOL	CE1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	0	0.0%	-	0	0.0%	
ETHANOL	CE3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	0	0.0%	-	0	0.0%	
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	2,135	6,540	-67.4%	0	0	0.0%	0	0.0%	48,666	116,501	-58.2%	
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0.0%	600	780	-23.1%	
FREIGHT MARKETS	TDT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0.0%	0	1,800	-100.0%	
HEATING OIL CRK SPD AVG PR	3W	0	-	-	0	-	1,200	-	-	0	-	-	0	-	-	1,200	-	-	
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	3,527	2,000	76.4%	
HEATING OIL PHY	OH	0	0	0.0%	1,857	6,176	-0.7	9,871	15,905	-37.9%	0	0	0.0%	33,957	50,870	-33.2%	113,081	253,661	-55.4%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	4,249	1,599	165.7%	0	0	0.0%	20	94	-78.7%	76,840	64,664	18.8%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	100	2,550	-96.1%	
LLS CRUDE OIL	WJO	0	0	0.0%	0	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	-	-	1,400	-	-	
LLS CRUDE OIL	YVO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	0	0.0%	-	0	0.0%	
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	2,425	300	708.3%	0	0	0.0%	0	0	0.0%	8,248	480	1,618.3%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	475	1,125	-57.8%	
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	1,515	10,902	-0.86	42,075	150,250	-72.0%	0	0	0.0%	4,666	39,375	-88.1%	1,084,942	875,330	23.9%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	5,450	14,825	-63.2%	0	0	0.0%	0	0	0.0%	19,650	21,050	-6.7%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	12,750	2,900	339.7%	0	0	0.0%	4,827	0	0.0%	489,198	228,425	114.2%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	1,350	-100.0%	0	0	0.0%	0	0	0.0%	11,450	6,100	87.7%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	3,100	42,650	-92.7%	0	0	0.0%	0	0	0.0%	151,400	106,675	41.9%
NATURAL GAS OPT	TFO	0	-	-	0	-	2,450	-	-	0	-	-	0	-	-	216,920	-	-	
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	6,260	3,220	94.4%	0	0	0.0%	0	0	0.0%	33,080	29,040	13.9%
NATURAL GAS PHY	KD	0	0	0.0%	0	823	-1	1,175	2,485	-52.7%	0	0	0.0%	2,618	6,741	-61.2%	37,745	37,540	0.5%
NATURAL GAS PHY	LN	0	0	0.0%	1,074,990	1,292,615	-0.17	1,089,140	719,026	51.5%	0	0	0.0%	13,427,325	10,046,180	33.7%	12,837,991	7,420,497	73.0%
NATURAL GAS PHY	ON	0	0	0.0%	95,932	156,812	-0.39	2,617	1,260	107.7%	0	0	0.0%	1,357,201	1,365,629	-0.6%	20,752	35,516	-41.6%
NATURAL GAS SUMMER STRIP	4D	0	-	-	0	-	0	-	-	0	-	-	0	-	-	400	-	-	
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	1,500	-60.0%
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	4,352	-100.0%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	17	23	-0.26	697	247	182.2%	0	0	0.0%	724	443	63.4%	17,154	26,148	-34.4%
NYISO ZONE G 5MW PEAK OPT	9U	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PANHANDLE PIPE SWAP	PU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	4H	0	0	0.0%	0	17	-1	10	10	0.0%	0	0	0.0%	11	41	-73.2%	649	4,831	-86.6%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	630	200	215.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Options</b>																			
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	500	0	0.0%	0	0	0.0%	0	0	0.0%	1,040	560	85.7%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	126	40	215.0%
PETRO OUTRIGHT EURO	8H	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	36	-83.3%
PETRO OUTRIGHT NA	1N5	0	-	-	0	-	0	0	-	0	-	-	0	-	-	0	-	-	-
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	30	120	-75.0%	0	0	0.0%	0	0	0.0%	1,315	540	143.5%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	770	1,000	-23.0%
PJM WES HUB PEAK CAL MTH	JOA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	836	-100.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,161	576	275.2%
RBOB CRACK	RX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB PHY	OB	0	0	0.0%	2,823	2,545	0.11	5,646	4,915	14.9%	0	0	0.0%	29,837	37,530	-20.5%	61,593	111,360	-44.7%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	3	6	-50.0%	1,040	1,618	-35.7%
ROTTERDAM 3.5%FUEL OIL CL	Q6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	3,880	-100.0%
SHORT TERM	C15	-	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	50	-100.0%	0	0	0.0%	0	0	0.0%	150	750	-80.0%
SHORT TERM	U12	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	600	1,480	-59.5%
SHORT TERM	U13	0	0	0.0%	0	1	-1	0	100	-100.0%	0	0	0.0%	0	1	-100.0%	600	250	140.0%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	150	33.3%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%	0	25	-100.0%	700	1,650	-57.6%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	1	-100.0%	0	0	0.0%
SHORT TERM	U23	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	17	-100.0%	150	100	50.0%
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	250	-80.0%
SHORT TERM	U25	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	500	625	-20.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	500	-100.0%	0	0	0.0%	0	0	0.0%	550	675	-18.5%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	4	-100.0%	650	700	-7.1%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	1,350	1,000	35.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	5	-100.0%	150	500	-70.0%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	4	-1	0	100	-100.0%	0	0	0.0%	0	4	-100.0%	600	750	-20.0%

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Energy Options</b>																			
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	2,650	-84.9%	
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	250	700	-64.3%	
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	450	1,150	-60.9%	
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	300	250	20.0%	
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	375	450	-16.7%	
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	50	200	-75.0%	0	0	0.0%	0	25	-100.0%	200	300	-33.3%	
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	50	100	-50.0%	0	0	0.0%	0	0	0.0%	325	200	62.5%	
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	300	500	-40.0%	
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	50	300.0%	
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	500	0	0.0%	0	0	0.0%	0	0	0.0%	1,150	0	0.0%	
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	600	400	50.0%	
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	950	150	533.3%	
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,075	600	79.2%	
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	1,400	-89.3%	
SINGAPORE GASOIL CALEND	M2	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SINGAPORE JET FUEL CALEND	N2	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	0	1,400	-1	23,300	-24.4%	0	0	0.0%	17,102	39,105	-56.3%	491,080	526,400	-6.7%	
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	0	0	110,370	29,600	272.9%	0	0	0.0%	1,200	8,600	-86.0%	998,670	557,920	79.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Metals Futures</b>																			
COMEX GOLD	GC	0	0	0.0%	6,004,279	8,674,886	-0.31	172,801	252,532	-31.6%	0	0	0.0%	72,029,801	78,639,711	-8.4%	2,062,315	2,474,831	-16.7%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	4,373	1,390	2.15	14,821	9,006	64.6%	0	0	0.0%	48,958	33,319	46.9%	154,547	131,344	17.7%
NYMEX PLATINUM	PL	0	0	0.0%	272,225	389,538	-0.3	5,371	10,132	-47.0%	0	0	0.0%	3,953,565	5,098,036	-22.4%	157,886	176,057	-10.3%
PALLADIUM	PA	0	0	0.0%	56,957	127,650	-0.55	2,432	3,625	-32.9%	0	0	0.0%	621,104	1,145,883	-45.8%	34,732	37,769	-8.0%
URANIUM	UX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	55	412	-86.7%	1,800	10,189	-82.3%
COMEX SILVER	SI	0	0	0.0%	2,115,311	2,277,208	-0.07	24,377	57,080	-57.3%	0	0	0.0%	24,007,452	22,093,704	8.7%	437,299	512,718	-14.7%
COMEX E-Mini GOLD	QO	0	0	0.0%	26,345	22,811	0.15	0	0	0.0%	0	0	0.0%	362,461	225,803	60.5%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	5,293	2,484	1.13	0	0	0.0%	0	0	0.0%	99,922	47,531	110.2%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	2,189,501	2,107,219	0.04	24,969	9,437	164.6%	0	0	0.0%	22,592,578	22,177,136	1.9%	173,486	166,006	4.5%
COMEX MINY COPPER	QC	0	0	0.0%	2,142	497	3.31	0	0	0.0%	0	0	0.0%	11,907	7,129	67.0%	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%	0	22	-100.0%
ALUMINUM	AEP	0	0	0.0%	0	120	-1	1,734	7,332	-76.4%	0	0	0.0%	157	175	-10.3%	36,658	29,160	25.7%
ALUMINUM	ALA	0	0	0.0%	0	0	0	200	242	-17.4%	0	0	0.0%	70	0	0.0%	1,739	1,162	49.7%
ALUMINUM	ALI	0	0	0.0%	2,465	2,963	-0.17	0	0	0.0%	0	0	0.0%	40,416	12,808	215.6%	674	130	418.5%
ALUMINUM	AUP	0	0	0.0%	500	795	-0.37	4,912	11,036	-55.5%	0	0	0.0%	5,504	6,859	-19.8%	98,573	67,584	45.9%
ALUMINUM	CUP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	50	0	0.0%	0	0	0.0%
ALUMINUM	EDP	0	0	0.0%	20	0	0	2,800	4,576	-38.8%	0	0	0.0%	503	72	598.6%	39,498	26,260	50.4%
ALUMINUM	MJP	0	0	0.0%	0	0	0	640	240	166.7%	0	0	0.0%	0	0	0.0%	11,150	10,510	6.1%
COPPER	HGS	0	0	0.0%	0	0	0	1,292	582	122.0%	0	0	0.0%	0	0	0.0%	32,990	9,921	232.5%
FERROUS PRODUCTS	BUS	0	0	0.0%	2,142	438	3.89	1,711	720	137.6%	0	0	0.0%	12,691	5,019	152.9%	10,725	7,078	51.5%
GOLD	4GC	0	-	-	101	-	-	0	-	-	0	-	-	734	-	-	0	-	-
GOLD	SGC	0	0	0.0%	933	4,417	-0.79	0	0	0.0%	0	0	0.0%	18,071	14,001	29.1%	0	0	0.0%
GOLD	SGU	0	0	0.0%	3,341	15,264	-0.78	0	0	0.0%	0	0	0.0%	58,470	21,350	173.9%	0	0	0.0%
Gold Kilo	GCK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL FUTU	EHR	0	-	-	614	-	-	986	-	-	0	-	-	666	-	-	5,096	-	-
IRON ORE 62 CHINA PLATTS FL	PIO	0	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 FUTUR	TIO	0	0	0.0%	0	0	0	0	1,919	-100.0%	0	0	0.0%	209	28	646.4%	14,289	52,536	-72.8%
IRON ORE CHINA	TIO	0	-	-	0	-	-	1,418	-	-	0	-	-	0	-	-	6,835	-	-
LNDN ZINC	ZNC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	1,230	-100.0%	0	0	0.0%
METALS	HDG	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	30	-	-
MICRO GOLD	MGC	0	0	0.0%	1,588,687	692,043	1.3	0	0	0.0%	0	0	0.0%	20,183,639	5,194,918	288.5%	0	0	0.0%
SILVER	SIL	0	0	0.0%	238,618	54,536	3.38	0	0	0.0%	0	0	0.0%	2,147,327	326,664	557.4%	0	0	0.0%



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG	
<b>Metals Options</b>																			
ALUMINUM	ALO	0	-	0	-	-	0	-	-	0	-	-	0	-	-	150	-	-	
COMEX COPPER	HX	0	0.0%	17,712	37,385	-0.53	8,519	19,610	-56.6%	0	0	0.0%	262,908	471,817	-44.3%	142,098	179,339	-20.8%	
COMEX GOLD	OG	0	0.0%	811,693	789,341	0.03	185,847	161,379	15.2%	0	0	0.0%	9,780,721	10,966,996	-10.8%	2,840,459	3,219,689	-11.8%	
COMEX SILVER	SO	0	0.0%	131,066	146,389	-0.1	21,601	14,309	51.0%	0	0	0.0%	1,883,937	1,834,577	2.7%	212,779	213,783	-0.5%	
COPPER	H1E	0	0.0%	0	185	-1	0	0	0.0%	0	0	0.0%	683	644	6.1%	400	0	0.0%	
COPPER	H2E	0	0.0%	4	140	-0.97	0	0	0.0%	0	0	0.0%	692	813	-14.9%	0	125	-100.0%	
COPPER	H3E	0	0.0%	0	38	-1	0	0	0.0%	0	0	0.0%	242	1,022	-76.3%	500	0	0.0%	
COPPER	H4E	0	0.0%	0	51	-1	0	0	0.0%	0	0	0.0%	370	210	76.2%	0	150	-100.0%	
COPPER	H5E	0	0.0%	0	506	-1	0	0	0.0%	0	0	0.0%	692	603	14.8%	0	0	0.0%	
GOLD	OG1	0	0.0%	38,037	21,220	0.79	1,525	1,450	5.2%	0	0	0.0%	371,237	421,157	-11.9%	18,212	31,580	-42.3%	
GOLD	OG2	0	0.0%	47,066	39,244	0.2	2,025	2,000	1.3%	0	0	0.0%	404,509	385,481	4.9%	23,355	29,757	-21.5%	
GOLD	OG3	0	0.0%	24,248	45,383	-0.47	577	1,950	-70.4%	0	0	0.0%	336,417	324,073	3.8%	19,092	18,879	1.1%	
GOLD	OG4	0	0.0%	20,233	21,412	-0.06	1,450	500	190.0%	0	0	0.0%	300,496	216,654	38.7%	7,350	9,075	-19.0%	
GOLD	OG5	0	0.0%	0	20,120	-1	0	950	-100.0%	0	0	0.0%	117,447	80,172	46.5%	7,315	3,275	123.4%	
HOT ROLLED COIL STEEL CALL	HRO	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	1,050	-92.9%	
HOT ROLLED COIL STEEL PUT	HRO	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%	
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%	3,740	6,830	-45.2%	
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%	6,349	3,600	76.4%	
IRON ORE CHINA	ICT	0	-	0	-	-	0	-	-	0	-	-	0	-	-	380	-	-	
NYMEX HOT ROLLED STEEL	HRO	0	-	0	-	-	150	-	-	0	-	-	0	-	-	975	-	-	
NYMEX PLATINUM	PO	0	0.0%	239	674	-0.65	100	1,400	-92.9%	0	0	0.0%	5,648	15,019	-62.4%	21,131	22,241	-5.0%	
PALLADIUM	PAO	0	0.0%	46	508	-0.91	188	800	-76.5%	0	0	0.0%	1,452	6,534	-77.8%	5,430	7,144	-24.0%	
SILVER	SO1	0	0.0%	1,548	1,535	0.01	505	0	0.0%	0	0	0.0%	25,558	20,439	25.0%	1,465	1,325	10.6%	
SILVER	SO2	0	0.0%	1,487	3,105	-0.52	315	0	0.0%	0	0	0.0%	24,816	19,457	27.5%	405	1,400	-71.1%	
SILVER	SO3	0	0.0%	589	2,096	-0.72	470	200	135.0%	0	0	0.0%	20,060	17,445	15.0%	1,539	615	150.2%	
SILVER	SO4	0	0.0%	398	627	-0.37	0	100	-100.0%	0	0	0.0%	15,456	6,987	121.2%	450	100	350.0%	
SILVER	SO5	0	0.0%	0	1,386	-1	0	0	0.0%	0	0	0.0%	7,466	5,419	37.8%	78	0	0.0%	
<b>TOTAL FUTURES GROUP</b>																			
Ag Products Futures		0	0.0%	0	2	-100.0%	0	0	0.0%	0	0	0.0%	69	58	19.0%	0	0	0.0%	
Energy Futures		0	0.0%	34,639,749	37,836,542	-8.4%	1,815,534	2,253,177	-19.4%	0	0	0.0%	477,432,831	470,031,026	1.6%	25,262,654	27,793,566	-9.1%	
Metals Futures		0	0.0%	12,513,847	14,374,259	-12.9%	260,464	368,459	-29.3%	0	0	0.0%	146,196,310	135,051,788	8.3%	3,280,322	3,713,277	-11.7%	
<b>TOTAL FUTURES</b>		<b>0</b>	<b>0.0%</b>	<b>47,153,596</b>	<b>52,210,803</b>	<b>-9.7%</b>	<b>2,075,998</b>	<b>2,621,636</b>	<b>-20.8%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>623,629,210</b>	<b>605,082,872</b>	<b>3.1%</b>	<b>28,542,976</b>	<b>31,506,843</b>	<b>-9.4%</b>	

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### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry NOV 2020	Open Outcry NOV 2019	% CHG	ELEC NOV 2020	ELEC NOV 2019	% CHG	CME ClearPort NOV 2020	CME ClearPort NOV 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG	CME ClearPort Y.T.D 2020	CME ClearPort Y.T.D 2019	% CHG
<b>TOTAL OPTIONS GROUP</b>																		
Energy Options	0	0	0.0%	3,269,748	3,259,184	0.3%	2,029,221	1,568,380	29.4%	0	0	0.0%	38,943,194	38,081,180	2.3%	25,045,516	18,363,287	36.4%
Metals Options	0	0	0.0%	1,094,366	1,131,345	-3.3%	223,272	204,798	9.0%	0	0	0.0%	13,560,807	14,795,519	-8.3%	3,313,727	3,750,107	-11.6%
<b>TOTAL OPTIONS</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>4,364,114</b>	<b>4,390,529</b>	<b>-0.6%</b>	<b>2,252,493</b>	<b>1,773,178</b>	<b>27.0%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>52,504,001</b>	<b>52,876,699</b>	<b>-0.7%</b>	<b>28,359,243</b>	<b>22,113,394</b>	<b>28.2%</b>
<b>TOTAL COMBINED</b>																		
Ag Products	0	0	0.0%	0	2	-100.0%	0	0	0.0%	0	0	0.0%	69	58	19.0%	0	0	0.0%
Energy	0	0	0.0%	37,909,497	41,095,726	-7.8%	3,844,755	3,821,557	0.6%	0	0	0.0%	516,376,025	508,112,206	1.6%	50,308,170	46,156,853	9.0%
Metals	0	0	0.0%	13,608,213	15,505,604	-12.2%	483,736	573,257	-15.6%	0	0	0.0%	159,757,117	149,847,307	6.6%	6,594,049	7,463,384	-11.6%
<b>GRAND TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>51,517,710</b>	<b>56,601,332</b>	<b>-9.0%</b>	<b>4,328,491</b>	<b>4,394,814</b>	<b>-1.5%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>676,133,211</b>	<b>657,959,571</b>	<b>2.8%</b>	<b>56,902,219</b>	<b>53,620,237</b>	<b>6.1%</b>

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