

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

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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%	0	8	-100.0%	0	0	0.0%
COFFEE	KT	0	-	-	0	-	0	-	-	0	-	-	2	-	-	0	-	-	
COTTON	TT	0	0	0.0%	27	2	12.5	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	0.0%	10	10	0.0%	0	0	0.0%
<b>Energy Futures</b>																			
CRUDE OIL PHY	CL	0	0	0.0%	16,712,399	22,774,634	-0.27	350,595	523,759	-33.1%	0	0	0.0%	235,798,989	248,153,654	-5.0%	5,266,946	4,918,312	7.1%
CRUDE OIL	WS	0	0	0.0%	0	0	0	10,000	0	0.0%	0	0	0.0%	0	0	0.0%	21,422	16,694	28.3%
MINY WTI CRUDE OIL	QM	0	0	0.0%	306,991	457,072	-0.33	0	0	0.0%	0	0	0.0%	6,255,238	4,802,490	30.2%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,633,430	2,260,402	-0.28	25,219	35,988	-29.9%	0	0	0.0%	22,277,926	21,620,249	3.0%	373,615	474,019	-21.2%
HEATING OIL PHY	HO	0	0	0.0%	3,488,201	4,695,641	-0.26	226,438	401,282	-43.6%	0	0	0.0%	35,627,177	33,226,763	7.2%	1,979,680	2,483,559	-20.3%
HTG OIL	BH	0	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%	8	3	1.67	0	0	0.0%	0	0	0.0%	52	32	62.5%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	3,483,619	3,650,096	-0.05	151,468	182,381	-16.9%	0	0	0.0%	37,957,537	40,369,350	-6.0%	1,710,379	2,458,934	-30.4%
MINY RBOB GAS	QU	0	0	0.0%	10	3	2.33	0	0	0.0%	0	0	0.0%	70	63	11.1%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	64,786	35,749	0.81	100,113	78,472	27.6%	0	0	0.0%	499,571	391,438	27.6%	1,090,679	757,191	44.0%
LTD NAT GAS	HH	0	0	0.0%	269,111	148,434	0.81	140,818	123,283	14.2%	0	0	0.0%	1,804,153	1,553,974	16.1%	873,654	1,467,107	-40.5%
MINY NATURAL GAS	QG	0	0	0.0%	207,566	56,835	2.65	0	0	0.0%	0	0	0.0%	1,262,855	327,432	285.7%	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%	9,117,136	10,665,091	-0.15	196,156	306,060	-35.9%	0	0	0.0%	100,960,457	81,489,571	23.9%	1,899,535	2,607,107	-27.1%
RBOB GAS	RT	0	0	0.0%	0	0	0	12	12	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%	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%	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	0.0%
AEP-DAYTON HUB MTHLY	VM	-	0	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	0.0%
ALGONQUIN CITYGATES BASIS	B4	-	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	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	7,020	6,881	2.0%	0	0	0.0%	0	0	0.0%	57,005	83,394	-31.6%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	6,125	5,646	8.5%	0	0	0.0%	0	0	0.0%	52,423	62,265	-15.8%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	2,777	2,592	7.1%	0	0	0.0%	0	0	0.0%	22,998	29,952	-23.2%

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Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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>																			
AUSTRIALIAN COKE COAL	ACT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	197	-100.0%	0	0	0.0%	0	0	0.0%	1,406	1,960	-28.3%	
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	10,014	-30.8%	0	0	0.0%	0	0	0.0%	74,136	74,157	0.0%	
BRENT CFD SWAP	6W	-	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%	2,200	7,000	-68.6%	
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	185	1,481	-87.5%	
BRENT FINANCIAL FUTURES	MDB	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%	
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%	
CANADIAN LIGHT SWEET OIL	CIL	-	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%	
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	77	0	0	67,089	-21.9%	0	0	0.0%	266	509	-47.7%	750,360	1,031,267	-27.2%	
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	50	-64.5%	0	0	0.0%	0	0	0.0%	7,047	5,365	31.4%	
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,290	1,370	-5.8%	
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	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%	
CIN HUB 5MW D AH O PK	K2	-	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	200	-100.0%	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	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	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%	
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	364	-100.0%	
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	106	70	51.4%	0	0	0.0%	0	0	0.0%	2,680	2,362	13.5%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	457	450	1.6%	0	0	0.0%	0	0	0.0%	4,053	4,742	-14.5%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	12,913	12,636	2.2%	0	0	0.0%	60	144	-58.3%	165,747	147,866	12.1%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	0	3,850	-100.0%	0	0	0.0%	0	0	0.0%	4,295	29,810	-85.6%
CRUDE OIL LAST DAY	26	0	-	-	0	-	0	-	-	0	-	-	0	-	-	695	-	-	
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	150	260	-42.3%	0	0	0.0%	0	0	0.0%	12,514	3,965	215.6%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	1,110	510	117.6%	0	0	0.0%	0	0	0.0%	5,306	3,821	38.9%
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	3,709	46	7,963.0%	0	0	0.0%	0	50	-100.0%	3,904	3,188	22.5%
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	330	-100.0%	0	0	0.0%	0	0	0.0%	0	730	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	10	5	100.0%	0	0	0.0%	0	0	0.0%	2,720	281	868.0%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	53,310	62,036	-14.1%	0	0	0.0%	0	0	0.0%	761,241	575,900	32.2%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	2,211	15	14,640.0%	0	0	0.0%	0	0	0.0%	9,307	3,183	192.4%
CRUDE OIL OUTRIGHTS	SSW	-	0	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	0.0%
CRUDE OIL OUTRIGHTS	UNS	-	0	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	0.0%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	1,450	3,278	-55.8%	0	0	0.0%	0	0	0.0%	24,115	39,440	-38.9%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	1,154	6,734	-0.83	0	99	-100.0%	0	0	0.0%	37,816	120,321	-68.6%	662	48,542	-98.6%
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	0.0%
CRUDE OIL SPRDS	ANT	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0.0%	1,330	-	-
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0	0	9,546	180	5,203.3%	0	0	0.0%	0	0	0.0%	32,532	900	3,514.7%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	10,488	20,109	-47.8%	0	0	0.0%	0	0	0.0%	226,830	215,724	5.1%
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%	640	-	-
DATED TO FRONTLINE BRENT	FY	0	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	0.0%
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	0.0%
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%

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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	0	0.0%	0	0	0.0%	0	0	0.0%	10,650	17,815	-40.2%
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	33,774	21,292	0.59	5,436	0.0%	0	0	0.0%	290,717	101,634	186.0%	50,071	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	-	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	20	-100.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	1,965	6,675.9%	29	0	0.0%	6	0	0.0%	9,239	3,386	172.9%
ELEC ERCOT DLY OFF PK	I4	-	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%
ELEC ERCOT DLY PEAK	I7	-	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%
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%
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%
ELEC MISO PEAK	55	-	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%
ELEC NYISO OFF-PEAK	58	-	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%
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%
ERCOT HOUSTON Z MCPE 5M	I1	-	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%
ERCOT NORTH ZMCPE 5MW OF	I6	-	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%
ETHANOL	MTH	0	0	0.0%	0	0	0	20	100.0%	10	0	0.0%	0	0	0.0%	60	50	20.0%
ETHANOL	Z1B	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	MT2	0	0	0.0%	0	0	0	80	-33.3%	120	0	0.0%	0	0	0.0%	1,438	890	61.6%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	4,511	-27.3%	6,203	0	0.0%	0	0	0.0%	41,296	35,472	16.4%
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	3	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	13	-100.0%	0	0	0.0%	0	0	0.0%	65	471	-86.2%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	22	172	-87.2%
EURO-DENOMINATED PETRO P	NCP	-	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%	75	0	0.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	118	-100.0%	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%
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%	37	385	-90.4%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	12	-98.1%	620	0	0.0%	0	0	0.0%	2,372	9,458	-74.9%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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%	0	140	-1	0	0	0.0%	0	0	0.0%	286	1,144	-75.0%	21	0	0.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	0	35	-100.0%	0	0	0.0%	0	0	0.0%	83	1,433	-94.2%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	1,021	1,373	-25.6%	0	0	0.0%	0	0	0.0%	13,216	37,464	-64.7%
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	488	268	82.1%	0	0	0.0%	0	0	0.0%	4,996	16,510	-69.7%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,284	1,820	-29.5%	0	0	0.0%	0	0	0.0%	16,527	19,021	-13.1%
FREIGHT MARKETS	ACB	0	0	0.0%	0	0	0	0	600	-100.0%	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	-	-	110	-	-	0	-	-	0	-	-	1,257	-	-
FREIGHT MARKETS	BF3	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	140	82	70.7%	0	0	0.0%	0	0	0.0%	2,299	1,491	54.2%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	0	0	340	-100.0%	0	0	0.0%	0	0	0.0%	40	1,652	-97.6%
FREIGHT MARKETS	FRS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	70	-100.0%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	30	1,145	-97.4%	0	0	0.0%	0	0	0.0%	1,818	5,700	-68.1%
FREIGHT MARKETS	T7C	0	-	-	0	-	-	115	-	-	0	-	-	0	-	-	250	-	-
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	10	-100.0%	0	0	0.0%	0	0	0.0%	90	280	-67.9%
FREIGHT MARKETS	USE	0	-	-	0	-	-	725	-	-	0	-	-	0	-	-	785	-	-
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	70	1,700	-95.9%	0	0	0.0%	0	0	0.0%	2,580	17,112	-84.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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	90	-100.0%	0	0	0.0%	0	0	0.0%	51	1,529	-96.7%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	712	1,355	-47.5%	0	0	0.0%	0	0	0.0%	14,186	48,177	-70.6%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	2,793	5,286	-47.2%	0	0	0.0%	0	0	0.0%	57,236	77,674	-26.3%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	21	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	15	1	1,400.0%	0	0	0.0%	0	0	0.0%	100	139	-28.1%
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	18	27.8%	0	0	0.0%	0	0	0.0%	289	153	88.9%



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	21	1,188	-98.2%	0	0	0.0%	0	0	0.0%	12,428	6,854	81.3%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	465	1,126	-58.7%	0	0	0.0%	0	0	0.0%	5,630	3,850	46.2%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	0	1,440	-1	0	0	0.0%	0	0	0.0%	8,776	23,142	-62.1%	1,176	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	1,932	2,851	-32.2%	0	0	0.0%	0	0	0.0%	35,388	35,449	-0.2%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	2,060	2,845	-27.6%	0	0	0.0%	0	0	0.0%	26,178	26,127	0.2%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	375	694	-46.0%	0	0	0.0%	0	0	0.0%	2,941	8,524	-65.5%
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	15,079	13,552	11.3%	0	0	0.0%	0	0	0.0%	177,471	203,503	-12.8%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	5,022	16,669	-69.9%	0	0	0.0%	0	2	-100.0%	112,499	225,895	-50.2%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	0	795	-100.0%	0	0	0.0%	0	0	0.0%	482	2,438	-80.2%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	1,914	92	1,980.4%	0	0	0.0%	0	0	0.0%	9,729	3,720	161.5%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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%	1,417	565	150.8%
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	600	-100.0%	0	0	0.0%	0	0	0.0%	6,680	16,210	-58.8%
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	600	-100.0%	0	0	0.0%	0	0	0.0%	8,392	16,210	-48.2%
HENRY HUB SWAP	NN	0	0	0.0%	0	0	0	52,614	49,341	6.6%	0	0	0.0%	670	122	449.2%	704,496	971,036	-27.4%
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	430	5,784	-92.6%	0	0	0.0%	0	0	0.0%	32,835	55,211	-40.5%
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	200	65	207.7%	0	0	0.0%	0	0	0.0%	1,921	3,380	-43.2%
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	33	245	-86.5%	0	0	0.0%	0	0	0.0%	1,670	9,868	-83.1%

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## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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>																			
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	30	-100.0%	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	1,095	-75.1%	0	0	0.0%	0	0	0.0%	17,468	41,573	-58.0%	
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	5,650	40.9%	0	0	0.0%	0	0	0.0%	19,228	17,376	10.7%	
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	25	-100.0%	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	0	0.0%	0	0	0.0%	0	0	0.0%	625	2,875	-78.3%	
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	225	-83.6%	0	0	0.0%	0	0	0.0%	5,665	12,609	-55.1%	
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	240	-84.7%	0	0	0.0%	0	0	0.0%	7,355	18,745	-60.8%	
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	120	-4.0%	0	0	0.0%	0	0	0.0%	2,600	14,555	-82.1%	
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	9,666	-60.8%	0	0	0.0%	0	480	-100.0%	156,766	185,433	-15.5%	
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%	1,547	748	1.07	21,926	-40.3%	0	0	0.0%	8,083	5,745	40.7%	198,605	300,758	-34.0%	
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	15	0	0	479	-83.2%	0	0	0.0%	30	0	0.0%	9,595	23,418	-59.0%	
MGF FUT	MGF	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%	
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	20	100.0%	0	0	0.0%	0	0	0.0%	270	500	-46.0%	
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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	334	1,570.0%	0	0	0.0%	0	0	0.0%	739	1,995	-63.0%	
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	90	-100.0%	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	834	-14.2%	0	0	0.0%	0	0	0.0%	7,146	19,322	-63.0%	
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	360	-78.0%	0	0	0.0%	0	0	0.0%	10,951	34,576	-68.3%	
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	10	0	0	36,773	137.5%	0	0	0.0%	25	0	0.0%	265,042	161,547	64.1%	
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	710	2,266.7%	0	0	0.0%	0	0	0.0%	3,463	1,394	148.4%	
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	6	0	0	170,003	18.2%	0	0	0.0%	160	112	42.9%	1,719,709	1,452,132	18.4%	
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	3,792	98.0%	0	0	0.0%	0	0	0.0%	23,184	28,786	-19.5%	
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	11,726	13.7%	0	0	0.0%	0	0	0.0%	297,716	84,220	253.5%	
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	350	-53.1%	0	0	0.0%	0	0	0.0%	9,260	6,471	43.1%	
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	67,561	40.4%	0	0	0.0%	0	0	0.0%	676,937	472,425	43.3%	

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

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	1,897	1,395	36.0%	0	0	0.0%	0	0	0.0%	13,630	12,989	4.9%
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	132,314	20,133	557.2%	0	0	0.0%	0	0	0.0%	645,078	295,715	118.1%
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	220	-100.0%	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	135	1,095	-87.7%	0	0	0.0%	0	0	0.0%	6,819	7,968	-14.4%
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	100	-100.0%	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	0	385	-100.0%	0	0	0.0%	0	0	0.0%	2,568	4,682	-45.2%
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	1,617	3,549	-54.4%	0	0	0.0%	38	19	100.0%	31,927	22,283	43.3%
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	195	710	-72.5%	0	0	0.0%	0	0	0.0%	7,333	7,063	3.8%
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%

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## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	900	-100.0%	0	0	0.0%	0	0	0.0%	7,776	5,025	54.7%	
NYISO CAPACITY	LHV	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%	
NYISO CAPACITY	NRS	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%	
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%	
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	101,424	-100.0%	
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	220	-100.0%	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%	
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%	
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%	
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	0	0	550	-100.0%	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	13	1,175	-98.9%	0	0	0.0%	0	0	0.0%	4,909	2,770	77.2%	
ONEOK OKLAHOMA NG BASIS	8X	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	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	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%	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%	
PETROCHEMICALS	22	0	0	0.0%	0	0	194	200	-3.0%	0	0	0.0%	0	0	0.0%	1,242	1,723	-27.9%	
PETROCHEMICALS	32	0	0	0.0%	0	0	33	119	-72.3%	0	0	0.0%	0	0	0.0%	730	1,049	-30.4%	
PETROCHEMICALS	3NA	0	0	0.0%	0	0	6	0	0.0%	0	0	0.0%	0	0	0.0%	34	49	-30.6%	
PETROCHEMICALS	51	0	0	0.0%	0	0	0	2	-100.0%	0	0	0.0%	0	0	0.0%	21	79	-73.4%	
PETROCHEMICALS	81	0	-	-	0	-	0	-	-	0	-	-	0	-	-	60	-	-	
PETROCHEMICALS	8I	0	0	0.0%	0	0	650	804	-19.2%	0	0	0.0%	0	0	0.0%	8,843	6,618	33.6%	
PETROCHEMICALS	91	0	0	0.0%	0	0	448	523	-14.3%	0	0	0.0%	0	0	0.0%	3,285	4,977	-34.0%	
PETROCHEMICALS	MAA	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	610	160	281.3%	0	0	0.0%	0	0	0.0%	7,142	3,661	95.1%	
PETROCHEMICALS	MAS	0	0	0.0%	0	0	250	208	20.2%	0	0	0.0%	0	0	0.0%	3,016	2,242	34.5%	
PETROCHEMICALS	MBE	0	0	0.0%	0	0	120	260	-53.8%	0	0	0.0%	0	0	0.0%	2,100	3,265	-35.7%	
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	85	-100.0%	0	0	0.0%	0	0	0.0%	1,694	6,140	-72.4%	

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	211	133	58.6%	0	0	0.0%	0	0	0.0%	3,539	2,200	60.9%
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	75	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	14,517	6,930	109.5%	0	0	0.0%	0	0	0.0%	167,581	68,816	143.5%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	604	1,465	-58.8%	0	0	0.0%	0	0	0.0%	10,656	24,020	-55.6%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	100	100	0.0%	0	0	0.0%	0	0	0.0%	100	3,770	-97.3%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	130	281	-53.7%	0	0	0.0%	0	0	0.0%	3,776	5,999	-37.1%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	405	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	100	818	-87.8%	0	0	0.0%	0	0	0.0%	5,882	12,236	-51.9%
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	268	3,844	-93.0%	0	0	0.0%	0	0	0.0%	15,423	31,828	-51.5%
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	465	1,074	-56.7%	0	0	0.0%	0	0	0.0%	8,975	17,731	-49.4%
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	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	1,462	2,523	-42.1%	0	0	0.0%	0	0	0.0%	32,474	69,624	-53.4%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	3,645	13,555	-73.1%	0	0	0.0%	0	0	0.0%	58,541	134,381	-56.4%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	10	1,095	-99.1%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	0	475	-100.0%	0	0	0.0%	0	0	0.0%	3,085	10,558	-70.8%
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	9	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	50	-100.0%	0	0	0.0%	0	0	0.0%	403	5,126	-92.1%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	31	23	34.8%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	372	405	-8.1%	0	0	0.0%	0	0	0.0%	3,989	5,605	-28.8%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	0	976	-100.0%	0	0	0.0%	0	0	0.0%	203	6,606	-96.9%
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	10	-100.0%	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	40	-100.0%	0	0	0.0%	0	0	0.0%	0	160	-100.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	20	-100.0%	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	0	36	-100.0%	0	0	0.0%	0	0	0.0%	400	3,436	-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	100	233.3%	0	0	0.0%	0	0	0.0%	1,084	768	41.1%	
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	50	-96.8%	0	0	0.0%	0	0	0.0%	4,745	22,105	-78.5%	
PETROLEUM PRODUCTS	H5F	0	-	-	0	-	0	70	-	0	-	-	0	-	-	3,113	-	-	
PETROLEUM PRODUCTS	JCC	0	0	0.0%	0	0	0	225	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	0	19	375.0%	0	0	0.0%	0	0	0.0%	131	19	589.5%	
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0	0	0	-100.0%	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	0	-100.0%	0	0	0.0%	0	0	0.0%	0	84	-100.0%	
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	295	136.0%	0	0	0.0%	0	0	0.0%	1,443	515	180.2%	
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	80	148	-45.9%	
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	100	-75.0%	0	0	0.0%	0	0	0.0%	6,985	13,781	-49.3%	
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	0	-100.0%	0	0	0.0%	0	0	0.0%	100	451	-77.8%	
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	0	59	-92.3%	0	0	0.0%	0	0	0.0%	2,515	13,408	-81.2%	
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	136	-100.0%	
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	40	-64.9%	0	0	0.0%	0	0	0.0%	613	3,498	-82.5%	
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	0	0.0%	0	0	0.0%	0	0	0.0%	64	228	-71.9%	
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	20	107	-81.3%	
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	25	-88.6%	0	0	0.0%	0	0	0.0%	135	939	-85.6%	
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	11	-71.8%	0	0	0.0%	0	0	0.0%	127	1,276	-90.0%	
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	31	-100.0%	
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	5	-85.7%	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 OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	147	125	17.6%	0	0	0.0%	0	0	0.0%	1,856	2,125	-12.7%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	172	-76.7%
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	178	-100.0%	0	0	0.0%	0	0	0.0%	195	4,206	-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	-	0	-	-	0.0%	10	-	-
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	270	339	-20.4%
PETRO OUTRIGHT EURO	JFB	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	9	-	-
PETRO OUTRIGHT EURO	M1B	0	0	0.0%	0	0	0	670	487	37.6%	0	0	0.0%	0	0	0.0%	6,764	945	615.8%
PETRO OUTRIGHT EURO	M35	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	0	24	-100.0%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	0	0.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	110	159	-30.8%	0	0	0.0%	0	0	0.0%	3,066	3,221	-4.8%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	195	143	36.4%	0	0	0.0%	0	0	0.0%	1,414	3,282	-56.9%
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0	0	0	23	-100.0%	0	0	0.0%	0	0	0.0%	157	107	46.7%
PETRO OUTRIGHT EURO	R5B	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	10	-	-
PETRO OUTRIGHT EURO	R5M	0	0	0.0%	0	0	0	327	321	1.9%	0	0	0.0%	0	0	0.0%	3,947	1,383	185.4%
PETRO OUTRIGHT EURO	R5O	0	0	0.0%	0	0	0	1,158	970	19.4%	0	0	0.0%	0	0	0.0%	8,671	2,155	302.4%
PETRO OUTRIGHT EURO	RBM	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	59	-	-
PETRO OUTRIGHT EURO	S5B	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	6	-	-
PETRO OUTRIGHT EURO	S5F	0	0	0.0%	0	0	0	31	68	-54.4%	0	0	0.0%	0	0	0.0%	1,030	109	845.0%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	0	1,409	458	207.6%	0	0	0.0%	0	0	0.0%	14,839	1,269	1,069.3%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	0	744	235	216.6%	0	0	0.0%	0	0	0.0%	7,361	319	2,207.5%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	125	-100.0%	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	0	-	-	0	-	0	-	-	0.0%	15	-	-
PETRO OUTRIGHT EURO	UNB	0	-	-	0	-	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	440	-	-	0	-	0	-	-	0.0%	997	-	-
PETRO OUTRIGHT NA	BCR	0	-	-	0	-	0	710	-	-	0	-	0	-	-	0.0%	2,035	-	-

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

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	0	0	0.0%	0	0	0.0%	0	0	0.0%	855	240	256.3%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	90	2,825	-96.8%	0	0	0.0%	0	0	0.0%	7,015	23,955	-70.7%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	90	548	-83.6%	0	0	0.0%	0	0	0.0%	2,105	7,323	-71.3%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	70	-100.0%	0	0	0.0%	0	0	0.0%	137	274	-50.0%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	225	-100.0%	0	0	0.0%	0	0	0.0%	558	1,679	-66.8%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	1,397	1,431	-2.4%	0	0	0.0%	0	0	0.0%	12,291	22,488	-45.3%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	43	-100.0%	0	0	0.0%	0	0	0.0%	38	338	-88.8%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	24	-100.0%	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%

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## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	4,355	-100.0%	0	0	0.0%	0	0	0.0%	15,814	53,631	-70.5%	
PLASTICS	PGP	0	0	0.0%	0	0	794	802	-1.0%	0	0	0.0%	0	0	0.0%	10,965	7,212	52.0%	
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	158	837	-81.1%	
PREMIUM UNLEAD 10PPM FOB	8G	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	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	35	-100.0%	
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	3,254	1,871	73.9%	0	0	0.0%	0	0	0.0%	17,478	14,672	19.1%	
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	28,348	24,330	16.5%	0	0	0.0%	0	0	0.0%	245,672	190,210	29.2%	
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	4,125	4,190	-1.6%	0	0	0.0%	0	0	0.0%	55,613	57,194	-2.8%	
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	415	1,360	-69.5%	0	0	0.0%	0	0	0.0%	11,290	11,500	-1.8%	
RBOB CRACK SPREAD BALMO	1E	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	304	198	53.5%	0	0	0.0%	0	0	0.0%	5,601	8,818	-36.5%	
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%	
RBOB SPREAD (PLATTS) SWAP	RI	-	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	200	75	166.7%	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%	
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%	
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	21	-100.0%	0	0	0.0%	0	0	0.0%	41	230	-82.2%	
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	17	-100.0%	0	0	0.0%	0	0	0.0%	39	816	-95.2%	
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	228	1,683	-86.5%	0	0	0.0%	0	0	0.0%	2,297	27,928	-91.8%	
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	63	-100.0%	0	0	0.0%	0	0	0.0%	215	2,327	-90.8%	
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	44	-100.0%	0	0	0.0%	0	0	0.0%	80	639	-87.5%	
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	155	2,372	-93.5%	0	0	0.0%	0	0	0.0%	2,014	20,184	-90.0%	
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	186	-100.0%	0	0	0.0%	0	0	0.0%	62	642	-90.3%	
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	126	2,546	-95.1%	0	0	0.0%	0	0	0.0%	3,335	36,580	-90.9%	
SINGAPORE GASOIL	SBM	0	-	-	0	-	79	-	-	0	-	-	0	-	-	446	-	-	
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%	
SINGAPORE GASOIL CALEND	GDH	-	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%	
SINGAPORE GASOIL CALEND	GHS	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%	
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	148	234	-36.8%	0	0	0.0%	0	0	0.0%	7,218	1,769	308.0%	
SINGAPORE GASOIL CALEND	SGG	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	567	504	12.5%	0	0	0.0%	0	0	0.0%	8,544	9,246	-7.6%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	0	103	-100.0%	0	0	0.0%	0	0	0.0%	282	4,593	-93.9%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	345	50	590.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	575	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	65	1,015	-93.6%	0	0	0.0%	0	0	0.0%	6,183	6,005	3.0%
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	2,654	-100.0%	0	0	0.0%	0	0	0.0%	24,280	88,322	-72.5%
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	5	-100.0%	0	0	0.0%	0	0	0.0%	0	5	-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	190	-100.0%	0	0	0.0%	0	0	0.0%	45	2,431	-98.1%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	140	3,401	-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	2,629	9,664	-72.8%	0	0	0.0%	0	0	0.0%	22,190	55,944	-60.3%
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%	30	365	-0.92	0	0	0.0%	0	0	0.0%	2,124	6,044	-64.9%	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	2,992	11,105	-73.1%	0	0	0.0%	0	0	0.0%	51,776	56,330	-8.1%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	36,503	50,085	-27.1%	0	0	0.0%	0	0	0.0%	463,607	341,098	35.9%
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	504	-100.0%	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	21,037	39,659	-47.0%	0	0	0.0%	0	0	0.0%	373,314	362,445	3.0%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	48,919	43,833	11.6%	0	0	0.0%	0	0	0.0%	598,200	402,397	48.7%
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 OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	1,775	6,165	-71.2%	0	0	0.0%	0	0	0.0%	55,150	44,697	23.4%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	1,008	620	62.6%	0	0	0.0%	0	0	0.0%	12,317	7,155	72.1%
<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	0	0.0%	0	0	0.0%	0	0	0.0%	7,530	3,810	97.6%
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	0	600	-100.0%	0	0	0.0%	0	1,800	-100.0%	35,575	33,990	4.7%
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	35,440	10,600	234.3%	0	0	0.0%	2	0	0.0%	363,793	342,576	6.2%
BRENT OIL LAST DAY	BZO	0	0	0.0%	14,287	58,860	-0.76	50,471	19,936	153.2%	0	0	0.0%	141,523	626,116	-77.4%	343,128	331,332	3.6%
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	10	-100.0%	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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
CRUDE OIL 1MO	WA	0	0	0.0%	1,050	7,926	-0.87	146,650	137,750	6.5%	0	0	0.0%	67,121	87,887	-23.6%	1,853,811	2,157,575	-14.1%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	37,704	24,287	55.2%	0	0	0.0%	3	3	0.0%	511,704	435,025	17.6%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	200	-75.0%
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	0	0	1,300	13,920	-90.7%	0	0	0.0%	0	60	-100.0%	108,053	105,656	2.3%
CRUDE OIL PHY	LO	0	0	0.0%	2,023,630	2,119,026	-0.05	316,538	341,427	-7.3%	0	0	0.0%	21,142,810	23,381,608	-9.6%	4,364,983	3,944,814	10.7%
CRUDE OIL PHY	LO1	0	0	0.0%	6,825	21,171	-0.68	700	100	600.0%	0	0	0.0%	172,106	155,687	10.5%	2,075	875	137.1%
CRUDE OIL PHY	LO2	0	0	0.0%	6,903	12,804	-0.46	250	0	0.0%	0	0	0.0%	102,550	139,401	-26.4%	1,200	550	118.2%
CRUDE OIL PHY	LO3	0	0	0.0%	3,629	5,614	-0.35	0	0	0.0%	0	0	0.0%	109,085	98,486	10.8%	0	700	-100.0%
CRUDE OIL PHY	LO4	0	0	0.0%	10,281	13,700	-0.25	0	0	0.0%	0	0	0.0%	176,346	159,260	10.7%	826	300	175.3%
CRUDE OIL PHY	LO5	0	0	0.0%	11,605	844	12.75	0	0	0.0%	0	0	0.0%	59,518	48,258	23.3%	0	700	-100.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

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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	5,392	9,635	-44.0%	0	0	0.0%	0	0.0%	46,531	109,961	-57.7%	
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 PHY	LB	0	0	0.0%	0	0	0	204	100	104.0%	0	0	0.0%	0	2	-100.0%	3,527	2,000	76.4%
HEATING OIL PHY	OH	0	0	0.0%	3,044	4,630	-0.34	10,565	19,960	-47.1%	0	0	0.0%	32,100	44,694	-28.2%	103,210	237,756	-56.6%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	48	-1	10,421	5,431	91.9%	0	0	0.0%	20	94	-78.7%	72,591	63,065	15.1%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	2,150	-95.3%
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	0.0%
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	0	50	-100.0%	0	0	0.0%	0	0	0.0%	5,823	180	3,135.0%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	50	180	-72.2%	0	0	0.0%	0	0	0.0%	475	1,100	-56.8%
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	0	8,951	-1	149,600	127,950	16.9%	0	0	0.0%	3,151	28,473	-88.9%	1,042,867	725,080	43.8%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	1,900	600	216.7%	0	0	0.0%	0	0	0.0%	14,200	6,225	128.1%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	0	900	-100.0%	0	0	0.0%	4,827	0	0.0%	476,448	225,525	111.3%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	1,900	-100.0%	0	0	0.0%	0	0	0.0%	11,450	4,750	141.1%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	0	16,500	-100.0%	0	0	0.0%	0	0	0.0%	148,300	64,025	131.6%
NATURAL GAS OPT	TFO	0	-	-	0	-	0	28,190	-	-	0	-	0	-	-	214,470	-	-	
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	4,320	3,820	13.1%	0	0	0.0%	0	0	0.0%	26,820	25,820	3.9%
NATURAL GAS PHY	KD	0	0	0.0%	0	910	-1	1,745	9,385	-81.4%	0	0	0.0%	2,618	5,918	-55.8%	36,570	35,055	4.3%
NATURAL GAS PHY	LN	0	0	0.0%	1,139,359	1,307,884	-0.13	1,622,809	717,470	126.2%	0	0	0.0%	12,352,335	8,753,565	41.1%	11,748,851	6,701,471	75.3%
NATURAL GAS PHY	ON	0	0	0.0%	98,144	138,175	-0.29	1,812	650	178.8%	0	0	0.0%	1,261,269	1,208,817	4.3%	18,135	34,256	-47.1%
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	182	-100.0%	0	0	0.0%	0	0	0.0%	0	4,352	-100.0%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	31	24	0.29	826	7,310	-88.7%	0	0	0.0%	707	420	68.3%	16,457	25,901	-36.5%
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	3	-1	0	13	-100.0%	0	0	0.0%	11	24	-54.2%	639	4,821	-86.7%
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%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	540	0	0.0%	0	0	0.0%	0	0	0.0%	540	560	-3.6%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	CPR	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%	
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0	0	12	-100.0%	0	0	0.0%	0	0	0.0%	6	36	-83.3%	
PETRO OUTRIGHT NA	1N5	0	-	-	0	-	0	-	-	0	-	-	0	-	-	200	-	-	
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	90	0.0%	0	0	0.0%	0	0	0.0%	1,285	420	206.0%	
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	190	-100.0%	0	0	0.0%	0	0	0.0%	770	850	-9.4%	
PJM WES HUB PEAK CAL MTH	JOA	-	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	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	150	-100.0%	
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	1,080	75	1,340.0%	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%	
RBOB PHY	OB	0	0	0.0%	3,221	2,061	0.56	3,778	3,925	-3.7%	0	0	0.0%	27,014	34,985	-22.8%	55,947	106,445	-47.4%
RBOB PHY	RF	0	0	0.0%	0	0	0	25	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%	
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	910	-100.0%	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%	
SHORT TERM	U11	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	700	-78.6%	
SHORT TERM	U12	0	0	0.0%	0	0	0	200	0.0%	0	0	0.0%	0	0	0.0%	600	1,480	-59.5%	
SHORT TERM	U13	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	600	150	300.0%	
SHORT TERM	U14	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	0.0%	0	0	0.0%	0	25	-100.0%	700	1,250	-44.0%	
SHORT TERM	U22	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	50	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%	50	250	-80.0%	
SHORT TERM	U25	-	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	100	-100.0%	
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	125	-100.0%	0	0	0.0%	0	25	-100.0%	500	625	-20.0%	
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	100	0.0%	0	0	0.0%	0	0	0.0%	550	175	214.3%	
SHORT TERM NATURAL GAS	U03	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	300	-100.0%	0	0	0.0%	0	0	0.0%	1,350	900	50.0%	
SHORT TERM NATURAL GAS	U05	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	0	0.0%	0	0	0.0%	0	5	-100.0%	100	500	-80.0%	
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	50	0.0%	0	0	0.0%	0	0	0.0%	600	650	-7.7%	
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	50	200	-75.0%	0	0	0.0%	0	0	0.0%	400	2,650	-84.9%

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

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	U09	0	0	0.0%	0	0	0	200	100	100.0%	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	400	-100.0%	0	0	0.0%	0	0	0.0%	450	1,150	-60.9%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	250	-60.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	325	450	-27.8%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	150	100	50.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	275	100	175.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	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	0.0%	200	50	300.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	0	0.0%
SHORT TERM NATURAL GAS	U28	0	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	0	0	0.0%	0	0	0.0%	0	0	0.0%	950	100	850.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,075	600	79.2%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	150	1,400	-89.3%
SINGAPORE GASOIL CALENDAR	M2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE JET FUEL CALENDAR	N2	-	0	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%	2,400	6,000	-0.6	31,800	16,375	94.2%	0	0	0.0%	17,102	37,705	-54.6%	467,780	495,600	-5.6%
WTI CRUDE OIL 1 M CSO FID	7A	0	0	0.0%	0	0	0	111,520	84,250	32.4%	0	0	0.0%	1,200	8,600	-86.0%	888,300	528,320	68.1%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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%	4,558,896	7,792,966	-0.41	86,396	223,184	-61.3%	0	0	0.0%	66,025,522	69,964,825	-5.6%	1,889,514	2,222,299	-15.0%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	3,301	2,492	0.32	19,522	12,124	61.0%	0	0	0.0%	44,585	31,929	39.6%	139,726	122,338	14.2%
NYMEX PLATINUM	PL	0	0	0.0%	265,586	397,266	-0.33	5,554	11,043	-49.7%	0	0	0.0%	3,681,340	4,708,498	-21.8%	152,515	165,925	-8.1%
PALLADIUM	PA	0	0	0.0%	32,943	87,449	-0.62	1,701	3,275	-48.1%	0	0	0.0%	564,147	1,018,233	-44.6%	32,300	34,144	-5.4%
URANIUM	UX	0	0	0.0%	1	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%	1,627,371	1,773,607	-0.08	18,256	36,909	-50.5%	0	0	0.0%	21,892,141	19,816,496	10.5%	412,922	455,638	-9.4%
COMEX E-Mini GOLD	QO	0	0	0.0%	15,519	26,356	-0.41	0	0	0.0%	0	0	0.0%	336,116	202,992	65.6%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	5,973	3,663	0.63	0	0	0.0%	0	0	0.0%	94,629	45,047	110.1%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,825,458	1,662,813	0.1	11,719	11,143	5.2%	0	0	0.0%	20,403,077	20,069,917	1.7%	148,517	156,569	-5.1%
COMEX MINY COPPER	QC	0	0	0.0%	2,354	544	3.33	0	0	0.0%	0	0	0.0%	9,765	6,632	47.2%	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	0	0	5,060	6,340	-20.2%	0	0	0.0%	157	55	185.5%	34,924	21,828	60.0%
ALUMINUM	ALA	0	0	0.0%	0	0	0	360	360	0.0%	0	0	0.0%	70	0	0.0%	1,539	920	67.3%
ALUMINUM	ALI	0	0	0.0%	2,784	3,113	-0.11	16	130	-87.7%	0	0	0.0%	37,951	9,845	285.5%	674	130	418.5%
ALUMINUM	AUP	0	0	0.0%	708	1,151	-0.38	6,149	9,022	-31.8%	0	0	0.0%	5,004	6,064	-17.5%	93,661	56,548	65.6%
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%	30	0	0	2,102	5,088	-58.7%	0	0	0.0%	483	72	570.8%	36,698	21,684	69.2%
ALUMINUM	MJP	0	0	0.0%	0	0	0	780	690	13.0%	0	0	0.0%	0	0	0.0%	10,510	10,270	2.3%
COPPER	HGS	0	0	0.0%	0	0	0	1,744	2,280	-23.5%	0	0	0.0%	0	0	0.0%	31,698	9,339	239.4%
FERROUS PRODUCTS	BUS	0	0	0.0%	905	208	3.35	340	525	-35.2%	0	0	0.0%	10,549	4,581	130.3%	9,014	6,358	41.8%
GOLD	4GC	0	-	-	20	-	0	-	-	-	0	-	-	633	-	-	0	-	-
GOLD	SGC	0	0	0.0%	1,017	9,584	-0.89	0	0	0.0%	0	0	0.0%	17,138	9,584	78.8%	0	0	0.0%
GOLD	SGU	0	0	0.0%	4,031	6,086	-0.34	0	0	0.0%	0	0	0.0%	55,129	6,086	805.8%	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	-	-	50	-	1,150	-	-	-	0	-	-	52	-	-	4,110	-	-
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	1,961	-100.0%	0	0	0.0%	209	28	646.4%	14,289	50,617	-71.8%
IRON ORE CHINA	TIO	0	-	-	0	-	1,068	-	-	-	0	-	-	0	-	-	5,417	-	-
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%	1,700,455	812,994	1.09	0	0	0.0%	0	0	0.0%	18,594,952	4,502,875	313.0%	0	0	0.0%
SILVER	SIL	0	0	0.0%	245,731	40,222	5.11	0	0	0.0%	0	0	0.0%	1,908,709	272,128	601.4%	0	0	0.0%



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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	0.0%	15,418	46,304	-0.67	4,841	9,315	-48.0%	0	0	0.0%	245,196	434,432	-43.6%	133,579	159,729	-16.4%
COMEX GOLD	OG	0	0	0.0%	640,085	851,594	-0.25	237,391	342,789	-30.7%	0	0	0.0%	8,969,028	10,177,655	-11.9%	2,654,612	3,058,310	-13.2%
COMEX SILVER	SO	0	0	0.0%	123,795	158,753	-0.22	14,455	11,879	21.7%	0	0	0.0%	1,752,871	1,688,188	3.8%	191,178	199,474	-4.2%
COPPER	H1E	0	0	0.0%	0	91	-1	0	0	0.0%	0	0	0.0%	683	459	48.8%	400	0	0.0%
COPPER	H2E	0	0	0.0%	2	45	-0.96	0	125	-100.0%	0	0	0.0%	688	673	2.2%	0	125	-100.0%
COPPER	H3E	0	0	0.0%	0	358	-1	0	0	0.0%	0	0	0.0%	242	984	-75.4%	500	0	0.0%
COPPER	H4E	0	0	0.0%	0	33	-1	0	150	-100.0%	0	0	0.0%	370	159	132.7%	0	150	-100.0%
COPPER	H5E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	692	97	613.4%	0	0	0.0%
GOLD	OG1	0	0	0.0%	13,390	58,708	-0.77	950	6,600	-85.6%	0	0	0.0%	333,200	399,937	-16.7%	16,687	30,130	-44.6%
GOLD	OG2	0	0	0.0%	28,211	49,331	-0.43	3,120	6,005	-48.0%	0	0	0.0%	357,443	346,237	3.2%	21,330	27,757	-23.2%
GOLD	OG3	0	0	0.0%	25,287	31,553	-0.2	1,900	2,050	-7.3%	0	0	0.0%	312,169	278,690	12.0%	18,515	16,929	9.4%
GOLD	OG4	0	0	0.0%	24,424	20,476	0.19	1,350	500	170.0%	0	0	0.0%	280,263	195,242	43.5%	5,900	8,575	-31.2%
GOLD	OG5	0	0	0.0%	31,143	0	0	2,640	0	0.0%	0	0	0.0%	117,447	60,052	95.6%	7,315	2,325	214.6%
HOT ROLLED COIL STEEL CALL	HRO	0	0	0.0%	0	0	0	0	150	-100.0%	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	-	-	
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	0	30	-100.0%	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	0.0%	6,349	3,600	76.4%
IRON ORE CHINA	ICT	0	-	-	0	-	80	-	0	-	-	-	0	-	-	380	-	-	
NYMEX HOT ROLLED STEEL	HRO	0	-	-	0	-	225	-	0	-	-	-	0	-	-	825	-	-	
NYMEX PLATINUM	PO	0	0	0.0%	443	1,169	-0.62	900	2,250	-60.0%	0	0	0.0%	5,409	14,345	-62.3%	21,031	20,841	0.9%
PALLADIUM	PAO	0	0	0.0%	2	783	-1	100	825	-87.9%	0	0	0.0%	1,406	6,026	-76.7%	5,242	6,344	-17.4%
SILVER	SO1	0	0	0.0%	698	3,017	-0.77	0	500	-100.0%	0	0	0.0%	24,010	18,904	27.0%	960	1,325	-27.5%
SILVER	SO2	0	0	0.0%	1,684	3,076	-0.45	0	225	-100.0%	0	0	0.0%	23,329	16,352	42.7%	90	1,400	-93.6%
SILVER	SO3	0	0	0.0%	1,483	2,729	-0.46	314	0	0.0%	0	0	0.0%	19,471	15,349	26.9%	1,069	415	157.6%
SILVER	SO4	0	0	0.0%	990	795	0.25	100	0	0.0%	0	0	0.0%	15,058	6,360	136.8%	450	0	0.0%
SILVER	SO5	0	0	0.0%	1,396	0	0	78	0	0.0%	0	0	0.0%	7,466	4,033	85.1%	78	0	0.0%
<b>TOTAL FUTURES GROUP</b>																			
Ag Products Futures		0	0	0.0%	27	2	1,250.0%	0	0	0.0%	0	0	0.0%	69	56	23.2%	0	0	0.0%
Energy Futures		0	0	0.0%	35,319,870	44,774,679	-21.1%	2,144,216	2,576,126	-16.8%	0	0	0.0%	442,793,082	432,194,484	2.5%	23,447,120	25,540,389	-8.2%
Metals Futures		0	0	0.0%	10,293,133	12,620,514	-18.4%	161,917	324,074	-50.0%	0	0	0.0%	133,682,463	120,677,529	10.8%	3,019,858	3,344,818	-9.7%
<b>TOTAL FUTURES</b>		<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>45,613,030</b>	<b>57,395,195</b>	<b>-20.5%</b>	<b>2,306,133</b>	<b>2,900,200</b>	<b>-20.5%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>576,475,614</b>	<b>552,872,069</b>	<b>4.3%</b>	<b>26,466,978</b>	<b>28,885,207</b>	<b>-8.4%</b>

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

Commodity Indicator	Open Outcry OCT 2020	Open Outcry OCT 2019	% CHG	ELEC OCT 2020	ELEC OCT 2019	% CHG	CME ClearPort OCT 2020	CME ClearPort OCT 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%	3,324,409	3,708,631	-10.4%	2,576,370	1,578,028	63.3%	0	0	0.0%	35,673,446	34,821,996	2.4%	23,016,295	16,794,907	37.0%
Metals Options	0	0	0.0%	908,451	1,228,815	-26.1%	268,444	383,393	-30.0%	0	0	0.0%	12,466,441	13,664,174	-8.8%	3,090,455	3,545,309	-12.8%
<b>TOTAL OPTIONS</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>4,232,860</b>	<b>4,937,446</b>	<b>-14.3%</b>	<b>2,844,814</b>	<b>1,961,421</b>	<b>45.0%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>48,139,887</b>	<b>48,486,170</b>	<b>-0.7%</b>	<b>26,106,750</b>	<b>20,340,216</b>	<b>28.4%</b>
<b>TOTAL COMBINED</b>																		
Ag Products	0	0	0.0%	27	2	1,250.0%	0	0	0.0%	0	0	0.0%	69	56	23.2%	0	0	0.0%
Energy	0	0	0.0%	38,644,279	48,483,310	-20.3%	4,720,586	4,154,154	13.6%	0	0	0.0%	478,466,528	467,016,480	2.5%	46,463,415	42,335,296	9.8%
Metals	0	0	0.0%	11,201,584	13,849,329	-19.1%	430,361	707,467	-39.2%	0	0	0.0%	146,148,904	134,341,703	8.8%	6,110,313	6,890,127	-11.3%
<b>GRAND TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>49,845,890</b>	<b>62,332,641</b>	<b>-20.0%</b>	<b>5,150,947</b>	<b>4,861,621</b>	<b>6.0%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>624,615,501</b>	<b>601,358,239</b>	<b>3.9%</b>	<b>52,573,728</b>	<b>49,225,423</b>	<b>6.8%</b>

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