

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Ag Products Futures</b>									
COCOA TAS	CJ	0	0	0.0%	0	0.0%	0	8	-100.0%
COFFEE	KT	0	2	-100.0%	0	0.0%	2	2	0.0%
COTTON	TT	0	0	0.0%	27	-100.0%	57	38	50.0%
SUGAR 11	YO	0	0	0.0%	0	0.0%	10	10	0.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	17,680,268	19,066,149	-7.3%	17,062,994	3.6%	258,746,203	272,138,115	-4.9%
CRUDE OIL	WS	10,000	0	0.0%	10,000	0.0%	31,422	16,694	88.2%
MINY WTI CRUDE OIL	QM	300,288	358,951	-16.3%	306,991	-2.2%	6,555,526	5,161,441	27.0%
BRENT OIL LAST DAY	BZ	1,821,166	1,741,580	4.6%	1,658,649	9.8%	24,472,707	23,835,848	2.7%
HEATING OIL PHY	HO	3,420,396	3,973,786	-13.9%	3,714,639	-7.9%	41,027,253	39,684,108	3.4%
HTG OIL	BH	0	0	0.0%	0	0.0%	108	96	12.5%
MINY HTG OIL	QH	3	4	-25.0%	8	-62.5%	55	36	52.8%
RBOB PHY	RB	3,385,991	3,585,704	-5.6%	3,635,087	-6.9%	43,053,907	46,413,988	-7.2%
MINY RBOB GAS	QU	8	6	33.3%	10	-20.0%	78	69	13.0%
NATURAL GAS	HP	131,638	96,856	35.9%	164,899	-20.2%	1,721,888	1,245,485	38.3%
LTD NAT GAS	HH	296,163	291,576	1.6%	409,929	-27.8%	2,973,970	3,312,657	-10.2%
MINY NATURAL GAS	QG	151,621	58,117	160.9%	207,566	-27.0%	1,414,476	385,549	266.9%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	8,484,666	9,960,500	-14.8%	9,313,292	-8.9%	111,344,658	94,057,178	18.4%
RBOB GAS	RT	0	0	0.0%	12	-100.0%	84	84	0.0%
3.5% FUEL OIL CID MED SWA	7D	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	20	-100.0%
AEP-DAYTON HUB DAILY	VD	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%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	-	0	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	-	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	13,790	3,935	250.4%	7,020	96.4%	70,795	87,329	-18.9%
ARGUS PROPAN FAR EST INDE	7E	4,936	5,190	-4.9%	6,125	-19.4%	57,359	67,455	-15.0%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,226	2,747	-19.0%	2,777	-19.8%	25,224	32,699	-22.9%
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	-	0	0	0.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%

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BRENT BALMO SWAP	J9	100	0	0.0%	0	0.0%	1,506	1,960	-23.2%
BRENT CALENDAR SWAP	CY	2,161	7,638	-71.7%	10,014	-78.4%	76,297	81,795	-6.7%
BRENT CFD SWAP	6W	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0.0%	2,200	7,000	-68.6%
BRENT FINANCIAL FUTURES	MBC	0	58	-100.0%	0	0.0%	185	1,539	-88.0%
BRENT FINANCIAL FUTURES	MDB	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%
BRENT OIL LAST DAY	BZS	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%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	65,034	75,564	-13.9%	67,166	-3.2%	815,660	1,107,340	-26.3%
CHICAGO ULSD PL VS HO SPR	5C	100	651	-84.6%	50	100.0%	7,147	6,016	18.8%
CHICAGO UNL GAS PL VS RBO	3C	825	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%
CINERGY HUB OFF-PEAK MONT	EJ	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%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW D AH PK	H5	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	3,920	-100.0%
CIN HUB 5MW REAL TIME PK	H3	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%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0.0%	0	364	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	20	222	-91.0%	106	-81.1%	2,700	2,584	4.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	346	675	-48.7%	457	-24.3%	4,399	5,417	-18.8%
CONWAY PROPANE 5 DECIMALS SWAP	8K	7,981	12,903	-38.1%	12,913	-38.2%	173,788	160,913	8.0%
CRUDE OIL	LPS	0	3,300	-100.0%	0	0.0%	4,295	33,110	-87.0%
CRUDE OIL LAST DAY	26	241	0	-	0	0.0%	936	0	-
CRUDE OIL OUTRIGHTS	42	362	285	27.0%	150	141.3%	12,876	4,250	203.0%
CRUDE OIL OUTRIGHTS	CC5	468	960	-51.3%	1,110	-57.8%	5,774	4,781	20.8%
CRUDE OIL OUTRIGHTS	CPD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	370	40	825.0%	3,709	-90.0%	4,274	3,278	30.4%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	0.0%	340	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0.0%	0	730	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	15	-100.0%	10	-100.0%	2,720	296	818.9%
CRUDE OIL OUTRIGHTS	HTT	42,987	65,605	-34.5%	53,310	-19.4%	804,228	641,505	25.4%

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CRUDE OIL OUTRIGHTS	LSW	180	1,305	-86.2%	2,211	-91.9%	9,487	4,488	111.4%
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	UMD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	UNS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCW	3,155	2,770	13.9%	1,450	117.6%	27,270	42,210	-35.4%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	2,040	6,630	-69.2%	1,154	76.8%	40,518	175,493	-76.9%
CRUDE OIL SPRDS	38	0	150	-100.0%	0	0.0%	0	150	-100.0%
CRUDE OIL SPRDS	ANT	0	0	-	0	0.0%	1,330	0	-
CRUDE OIL SPRDS	HIL	15,035	0	0.0%	9,546	57.5%	47,567	900	5,185.2%
CRUDE OIL SPRDS	WTT	5,533	12,860	-57.0%	10,488	-47.2%	232,363	228,584	1.7%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNP	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%
DAILY PJM	PWP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	0.0%	640	0	-
DATED TO FRONTLINE BRENT	FY	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%
DOMINION TRAN INC - APP I	IH	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%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	300	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	240	-100.0%	0	0.0%	10,650	18,055	-41.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	27,631	25,206	9.6%	39,210	-29.5%	368,419	126,840	190.5%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	-	0	0	0.0%

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EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	20	-100.0%
EIA FLAT TAX ONHWAY DIESE	A5	180	36	400.0%	1,965	-90.8%	9,425	3,422	175.4%
ELEC ERCOT DLY OFF PK	I4	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	I3	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT OFF PEAK	I2	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	47	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%
ELEC MISO PEAK	55	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%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	MTH	10	0	0.0%	20	-50.0%	70	50	40.0%
ETHANOL	Z1B	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	MT2	730	70	942.9%	80	812.5%	2,168	960	125.8%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,038	5,541	-9.1%	4,511	11.7%	46,334	41,013	13.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0.0%	0	3	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	95	-100.0%	0	0.0%	65	566	-88.5%
EURO 3.5% FUEL OIL SPREAD	FK	0	10	-100.0%	0	0.0%	22	182	-87.9%
EURO-DENOMINATED PETRO PROD	NCP	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	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	644	-100.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	15	-100.0%	0	0.0%	37	400	-90.8%
EUROPE 3.5% FUEL OIL RDAM	UV	0	1,152	-100.0%	12	-100.0%	2,372	10,610	-77.6%
EUROPEAN GASOIL (ICE)	7F	32	84	-61.9%	0	0.0%	339	1,228	-72.4%
EUROPEAN NAPHTHA BALMO	KZ	3	15	-80.0%	0	0.0%	86	1,448	-94.1%
EUROPEAN NAPHTHA CRACK SPR	EN	712	3,101	-77.0%	1,021	-30.3%	13,928	40,565	-65.7%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	70	1,633	-95.7%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	0	8	-100.0%

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EUROPE NAPHTHA CALSWAP	UN	402	567	-29.1%	488	-17.6%	5,398	17,077	-68.4%
EURO PROPANE CIF ARA SWA	PS	1,140	1,941	-41.3%	1,284	-11.2%	17,667	20,962	-15.7%
FREIGHT MARKETS	ACB	0	0	0.0%	0	0.0%	735	1,020	-27.9%
FREIGHT MARKETS	BF1	0	0	-	0	0.0%	15	0	-
FREIGHT MARKETS	BF2	150	0	-	110	36.4%	1,407	0	-
FREIGHT MARKETS	BF3	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	FLP	0	25	-100.0%	140	-100.0%	2,299	1,516	51.6%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	40	1,652	-97.6%
FREIGHT MARKETS	FRS	0	10	-100.0%	0	0.0%	0	80	-100.0%
FREIGHT MARKETS	T2D	145	390	-62.8%	30	383.3%	1,963	6,090	-67.8%
FREIGHT MARKETS	T7C	20	0	-	115	-82.6%	270	0	-
FREIGHT MARKETS	TC6	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TD3	0	0	0.0%	0	0.0%	0	140	-100.0%
FREIGHT MARKETS	TD8	0	0	0.0%	0	0.0%	0	60	-100.0%
FREIGHT MARKETS	USC	0	0	0.0%	0	0.0%	90	280	-67.9%
FREIGHT MARKETS	USE	15	0	-	725	-97.9%	800	0	-
FUEL OIL CRACK VS ICE	FO	64	2,049	-96.9%	70	-8.6%	2,644	19,161	-86.2%
FUEL OIL NWE CRACK VS ICE	FI	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	6	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	55	-100.0%	0	0.0%	51	1,584	-96.8%
GAS EURO-BOB OXY NWE BARGES	7H	300	1,890	-84.1%	712	-57.9%	14,486	50,067	-71.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,799	8,606	-79.1%	2,793	-35.6%	59,035	86,280	-31.6%
GASOIL 0.1CIF MED VS ICE	Z5	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	10	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	17	0	0.0%	0	0.0%	17	21	-19.0%
GASOIL 0.1 ROTTERDAM BARG	VL	5	0	0.0%	15	-66.7%	105	139	-24.5%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	39	-100.0%
GASOIL CALENDAR SWAP	GX	23	122	-81.1%	23	0.0%	312	275	13.5%
GASOIL CRACK SPREAD CALEN	GZ	0	3,672	-100.0%	21	-100.0%	12,428	10,526	18.1%
GASOIL MINI CALENDAR SWAP	QA	185	1,433	-87.1%	465	-60.2%	5,815	5,283	10.1%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	114	811	-85.9%	0	0.0%	10,066	23,953	-58.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	0	0	0.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	0.0%	0	300	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	2,075	1,015	104.4%	1,932	7.4%	37,463	36,464	2.7%

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GRP THREE UNL GS (PLT) VS	A8	1,405	1,185	18.6%	2,060	-31.8%	27,583	27,312	1.0%
GULF COAST 3% FUEL OIL BA	VZ	0	304	-100.0%	375	-100.0%	2,941	8,828	-66.7%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0.0%	3,153	267	1,080.9%
GULF COAST JET VS NYM 2 H	ME	11,333	7,160	58.3%	15,079	-24.8%	188,804	210,663	-10.4%
GULF COAST NO.6 FUEL OIL	MF	5,148	15,229	-66.2%	5,022	2.5%	117,647	241,126	-51.2%
GULF COAST NO.6 FUEL OIL	MG	0	700	-100.0%	0	0.0%	482	3,138	-84.6%
GULF COAST ULSD CALENDAR	LY	76	96	-20.8%	1,914	-96.0%	9,805	3,816	156.9%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	1,410	360	291.7%
HEATING OIL BALMO CLNDR S	1G	100	0	0.0%	100	0.0%	1,517	565	168.5%
HEATING OIL CRCK SPRD BAL	1H	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%
HENRY HUB BASIS SWAP	HB	0	4,960	-100.0%	0	0.0%	6,680	21,170	-68.4%
HENRY HUB FINANCIAL LAST	NBP	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%
HENRY HUB INDEX SWAP FUTU	IN	0	4,960	-100.0%	0	0.0%	8,392	21,170	-60.4%
HENRY HUB SWAP	NN	15,916	88,866	-82.1%	52,614	-69.7%	721,082	1,060,024	-32.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	736	-100.0%
ICE BRENT DUBAI SWAP	DB	830	7,875	-89.5%	430	93.0%	33,665	63,086	-46.6%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FAD	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%
INDIANA MISO	PDD	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%
INDONESIAN COAL ICI4	ICI	20	125	-84.0%	200	-90.0%	1,941	3,505	-44.6%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	-	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	-	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	150	196	-23.5%
JAPAN C&F NAPHTHA SWAP	JA	9	206	-95.6%	33	-72.7%	1,679	10,074	-83.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	33	333	-90.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	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	262	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0.0%	0	132	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	940	1,775	-47.0%	1,095	-14.2%	18,408	43,348	-57.5%
JKM LNG Futures	JKM	35	3,366	-99.0%	5,650	-99.4%	19,263	20,742	-7.1%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0.0%	2,517	400	529.3%

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<b>Energy Futures</b>									
LA CARBOB GASOLINE(OPIS)S	JL	50	0	0.0%	0	0.0%	675	2,875	-76.5%
LA JET (OPIS) SWAP	JS	450	275	63.6%	225	100.0%	6,115	12,884	-52.5%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	540	1,244	-56.6%	240	125.0%	7,895	19,989	-60.5%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	0.0%	15	10	50.0%
MARS (ARGUS) VS WTI SWAP	YX	0	200	-100.0%	120	-100.0%	2,600	14,755	-82.4%
MARS (ARGUS) VS WTI TRD M	YV	11,830	13,105	-9.7%	9,666	22.4%	168,596	199,018	-15.3%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0.0%	100	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTF	24,974	30,522	-18.2%	23,473	6.4%	231,662	337,025	-31.3%
MCCLOSKEY RCH BAY COAL	MFF	850	1,544	-44.9%	494	72.1%	10,475	24,962	-58.0%
MGF FUT	MGF	0	0	0.0%	0	0.0%	0	10	-100.0%
MGN1 SWAP FUT	MGN	0	10	-100.0%	20	-100.0%	270	510	-47.1%
MICHIGAN BASIS	NF	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%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	39	84	-53.6%	334	-88.3%	778	2,079	-62.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	1,691	3,910	-56.8%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	305	1,072	-71.5%	834	-63.4%	7,451	20,394	-63.5%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	150	-100.0%
MNC FUT	MNC	277	1,385	-80.0%	360	-23.1%	11,228	35,961	-68.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	19,547	11,813	65.5%	36,783	-46.9%	284,614	173,360	64.2%
MONT BELVIEU ETHANE OPIS BALMO	8C	67	110	-39.1%	710	-90.6%	3,530	1,504	134.7%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	129,616	135,386	-4.3%	170,009	-23.8%	1,849,485	1,587,630	16.5%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	827	1,764	-53.1%	3,792	-78.2%	24,011	30,550	-21.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	16,357	14,486	12.9%	11,726	39.5%	314,073	98,706	218.2%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	635	685	-7.3%	350	81.4%	9,895	7,156	38.3%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	68,245	57,022	19.7%	67,561	1.0%	745,182	529,447	40.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,295	916	41.4%	1,897	-31.7%	14,925	13,905	7.3%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	XIC	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	50,617	33,654	50.4%	132,314	-61.7%	695,695	329,369	111.2%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	-	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	-	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	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%	768	220	249.1%





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<b>Energy Futures</b>									
NEPOOL NE MASS 5MW D AH O	P8	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%
NEPOOL RHD ISLD 5MW D AH	U4	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%
NEPOOL W CNT MASS 5MW D A	L9	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%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	25	1,380	-98.2%	135	-81.5%	6,844	9,348	-26.8%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	0	0	0.0%	0	0.0%	0	1,760	-100.0%
NGPL TEX/OK	PD	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%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	-	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	0.0%	0	0.0%	225	925	-75.7%
NORTHEN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VENTU	PF	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	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%
NY1% VS GC SPREAD SWAP	VR	50	305	-83.6%	0	0.0%	2,618	4,987	-47.5%
NY 3.0% FUEL OIL (PLATTS	H1	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	25	-100.0%
NY HARBOR HEAT OIL SWP	MP	2,774	715	288.0%	1,617	71.6%	34,739	23,017	50.9%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	390	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	110	2,305	-95.2%	195	-43.6%	7,443	9,368	-20.5%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	1,575	150	950.0%	0	0.0%	9,351	5,175	80.7%
NYISO CAPACITY	LHV	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%
NYISO CAPACITY	NRS	0	0	0.0%	0	0.0%	0	60	-100.0%
NYISO J	KJ	0	0	0.0%	0	-	0	0	0.0%
NYISO J OFF-PEAK	KK	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%
NYISO ZONE A 5MW D AH PK	K3	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	101,424	-100.0%

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Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Futures</b>									
NYISO ZONE G 5MW D AH PK	T3	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%
NYISO ZONE J 5MW D AH PK	D3	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%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	0.0%	700	2,000	-65.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	280	0	0.0%	13	2,053.8%	5,189	2,770	87.3%
ONEOK OKLAHOMA NG BASIS	8X	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%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0.0%	0	25	-100.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	0	100	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	56	0	0.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	-	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	145	160	-9.4%	194	-25.3%	1,387	1,883	-26.3%
PETROCHEMICALS	32	34	89	-61.8%	33	3.0%	764	1,138	-32.9%
PETROCHEMICALS	3NA	0	0	0.0%	6	-100.0%	34	49	-30.6%
PETROCHEMICALS	51	3	0	0.0%	0	0.0%	24	79	-69.6%
PETROCHEMICALS	81	0	0	-	0	0.0%	60	0	-
PETROCHEMICALS	8I	192	1,049	-81.7%	650	-70.5%	9,035	7,667	17.8%
PETROCHEMICALS	91	314	627	-49.9%	448	-29.9%	3,599	5,604	-35.8%
PETROCHEMICALS	MAA	0	0	0.0%	0	0.0%	1,295	280	362.5%
PETROCHEMICALS	MAE	500	408	22.5%	610	-18.0%	7,642	4,069	87.8%
PETROCHEMICALS	MAS	160	40	300.0%	250	-36.0%	3,176	2,282	39.2%
PETROCHEMICALS	MBE	510	700	-27.1%	120	325.0%	2,610	3,965	-34.2%
PETROCHEMICALS	MNB	10	390	-97.4%	0	0.0%	1,704	6,530	-73.9%
PETROCHEMICALS	MPS	127	224	-43.3%	211	-39.8%	3,666	2,424	51.2%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STI	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%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	75	-100.0%	375	332	13.0%
PETRO CRCKS & SPRDS NA	CRB	11,750	4,200	179.8%	14,517	-19.1%	179,331	73,016	145.6%
PETRO CRCKS & SPRDS NA	EXR	494	2,887	-82.9%	604	-18.2%	11,150	26,907	-58.6%
PETRO CRCKS & SPRDS NA	FOC	0	100	-100.0%	100	-100.0%	100	3,870	-97.4%
PETRO CRCKS & SPRDS NA	GBB	925	125	640.0%	130	611.5%	4,701	6,124	-23.2%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0.0%	405	0	0.0%

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<b>Energy Futures</b>									
PETRO CRCKS & SPRDS NA	GCI	0	1,243	-100.0%	100	-100.0%	5,882	13,479	-56.4%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	GCU	200	8,240	-97.6%	268	-25.4%	15,623	40,068	-61.0%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS NA	HOB	200	745	-73.2%	465	-57.0%	9,175	18,476	-50.3%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NYF	0	50	-100.0%	0	0.0%	0	125	-100.0%
PETRO CRCKS & SPRDS NA	RBB	795	2,348	-66.1%	1,462	-45.6%	33,269	71,972	-53.8%
PETRO CRCKS & SPRDS NA	RVG	2,775	7,186	-61.4%	3,645	-23.9%	61,316	141,567	-56.7%
PETRO CRCKS & SPRDS NA	SF3	0	50	-100.0%	0	0.0%	10	1,145	-99.1%
PETRO CRK&SPRD EURO	1NB	0	150	-100.0%	0	0.0%	3,085	10,708	-71.2%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	9	-100.0%	44	155	-71.6%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO CRK&SPRD EURO	BOB	0	186	-100.0%	0	0.0%	403	5,312	-92.4%
PETRO CRK&SPRD EURO	EOB	0	30	-100.0%	0	0.0%	31	53	-41.5%
PETRO CRK&SPRD EURO	EPN	322	433	-25.6%	372	-13.4%	4,311	6,038	-28.6%
PETRO CRK&SPRD EURO	EVC	0	264	-100.0%	0	0.0%	203	6,870	-97.0%
PETRO CRK&SPRD EURO	FBT	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%
PETRO CRK&SPRD EURO	GCB	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%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	0	160	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0.0%	130	130	0.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0.0%	5	58	-91.4%
PETRO CRK&SPRD EURO	NOB	6	73	-91.8%	0	0.0%	406	3,509	-88.4%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0.0%	0	56	-100.0%
PETROLEUM PRODUCTS	1NM	0	20	-100.0%	100	-100.0%	1,084	788	37.6%
PETROLEUM PRODUCTS	EWG	75	1,095	-93.2%	50	50.0%	4,820	23,200	-79.2%
PETROLEUM PRODUCTS	H5F	300	5,168	-94.2%	70	328.6%	3,413	5,168	-34.0%
PETROLEUM PRODUCTS	JCC	0	0	0.0%	225	-100.0%	2,510	720	248.6%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	160	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	0.0%	0	10	-100.0%

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<b>Energy Futures</b>									
PETROLEUM PRODUCTS	R5E	0	0	-	0	0.0%	2	0	-
PETROLEUM PRODUCTS	R5F	16	13	23.1%	19	-15.8%	147	32	359.4%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	41	56	-26.8%
PETROLEUM PRODUCTS	UCS	0	0	-	0	0.0%	65	0	-
PETROLEUM PRODUCTS	UP5	0	1,065	-100.0%	0	0.0%	0	1,149	-100.0%
PETROLEUM PRODUCTS	VU	0	300	-100.0%	295	-100.0%	1,443	815	77.1%
PETROLEUM PRODUCTS ASIA	E6M	0	20	-100.0%	0	0.0%	80	168	-52.4%
PETROLEUM PRODUCTS ASIA	MJN	20	80	-75.0%	100	-80.0%	7,005	13,861	-49.5%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	0B	0	16	-100.0%	0	0.0%	100	467	-78.6%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0.0%	0	45	-100.0%
PETRO OUTRIGHT EURO	0D	24	545	-95.6%	59	-59.3%	2,539	13,953	-81.8%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0.0%	0	136	-100.0%
PETRO OUTRIGHT EURO	0F	0	52	-100.0%	40	-100.0%	613	3,550	-82.7%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0.0%	0	8	-100.0%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	5L	0	8	-100.0%	0	0.0%	64	236	-72.9%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0.0%	20	107	-81.3%
PETRO OUTRIGHT EURO	7I	0	46	-100.0%	25	-100.0%	135	985	-86.3%
PETRO OUTRIGHT EURO	7R	0	70	-100.0%	11	-100.0%	127	1,346	-90.6%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0.0%	0	31	-100.0%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	5	-100.0%	70	50	40.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	22	20	10.0%
PETRO OUTRIGHT EURO	CPB	15	255	-94.1%	147	-89.8%	1,871	2,380	-21.4%
PETRO OUTRIGHT EURO	EFF	0	22	-100.0%	0	0.0%	40	194	-79.4%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0.0%	0	31	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0.0%	0	163	-100.0%
PETRO OUTRIGHT EURO	EWN	0	63	-100.0%	0	0.0%	195	4,269	-95.4%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	GES	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	GNO	0	0	-	0	0.0%	10	0	-
PETRO OUTRIGHT EURO	H5G	0	918	-100.0%	0	0.0%	270	1,257	-78.5%
PETRO OUTRIGHT EURO	JFB	0	0	-	0	0.0%	9	0	-
PETRO OUTRIGHT EURO	M1B	1,436	700	105.1%	670	114.3%	8,200	1,645	398.5%
PETRO OUTRIGHT EURO	M35	0	0	0.0%	0	0.0%	0	24	-100.0%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	MBB	0	5	-100.0%	0	0.0%	30	5	500.0%
PETRO OUTRIGHT EURO	MBN	455	10	4,450.0%	110	313.6%	3,521	3,231	9.0%
PETRO OUTRIGHT EURO	MEF	110	215	-48.8%	195	-43.6%	1,524	3,497	-56.4%
PETRO OUTRIGHT EURO	R53	0	96	-100.0%	0	0.0%	157	203	-22.7%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	0.0%	10	0	-
PETRO OUTRIGHT EURO	R5M	269	225	19.6%	327	-17.7%	4,216	1,608	162.2%
PETRO OUTRIGHT EURO	R5O	998	74	1,248.6%	1,158	-13.8%	9,669	2,229	333.8%
PETRO OUTRIGHT EURO	RBM	0	0	-	0	0.0%	59	0	-
PETRO OUTRIGHT EURO	S5B	0	0	-	0	0.0%	6	0	-
PETRO OUTRIGHT EURO	S5F	103	27	281.5%	31	232.3%	1,133	136	733.1%
PETRO OUTRIGHT EURO	S5M	1,521	445	241.8%	1,409	7.9%	16,360	1,714	854.5%
PETRO OUTRIGHT EURO	S5O	931	186	400.5%	744	25.1%	8,292	505	1,542.0%
PETRO OUTRIGHT EURO	SMU	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%
PETRO OUTRIGHT EURO	T2B	0	0	0.0%	0	0.0%	20	15	33.3%
PETRO OUTRIGHT EURO	TMB	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT EURO	ULB	400	0	-	0	0.0%	415	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	0	0.0%	300	0	-
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	AB6	50	0	-	440	-88.6%	1,047	0	-
PETRO OUTRIGHT NA	BCR	773	0	-	710	8.9%	2,808	0	-
PETRO OUTRIGHT NA	DBB	0	0	-	0	0.0%	75	0	-
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0.0%	0	426	-100.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	H5B	0	0	-	0	0.0%	1,834	0	-
PETRO OUTRIGHT NA	JE	105	0	0.0%	0	0.0%	960	240	300.0%
PETRO OUTRIGHT NA	JET	75	1,025	-92.7%	90	-16.7%	7,090	24,980	-71.6%
PETRO OUTRIGHT NA	JTB	0	250	-100.0%	90	-100.0%	2,105	7,573	-72.2%
PETRO OUTRIGHT NA	MBL	0	50	-100.0%	0	0.0%	137	324	-57.7%
PETRO OUTRIGHT NA	MEN	30	78	-61.5%	0	0.0%	588	1,757	-66.5%
PETRO OUTRIGHT NA	MEO	549	1,995	-72.5%	1,397	-60.7%	12,840	24,483	-47.6%
PETRO OUTRIGHT NA	MFD	0	35	-100.0%	0	0.0%	38	373	-89.8%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0.0%	70	819	-91.5%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	-	0	0	0.0%



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Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Futures</b>									
PJM AD HUB 5MW REAL TIME	V3	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	2,560	-100.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	-	0	0	0.0%
PJM ATSI ELEC	MPD	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%
PJM BGE DA PEAK	E3	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%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA PEAK	D7	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	3,845	-100.0%
PJM NI HUB 5MW REAL TIME	B6	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%
PJM NILL DA PEAK	N3	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%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	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%
PJM PSEG DA PEAK	L6	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%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0.0%	0	47,100	-100.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0.0%	15,814	53,631	-70.5%
PLASTICS	PGP	948	736	28.8%	794	19.4%	11,913	7,948	49.9%
PREMIUM UNLND 10P FOB MED	3G	0	21	-100.0%	0	0.0%	158	858	-81.6%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0.0%	0	139	-100.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	0	20	-100.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	0.0%	0	35	-100.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	850	773	10.0%	3,254	-73.9%	18,328	15,445	18.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	21,759	30,849	-29.5%	28,348	-23.2%	267,431	221,059	21.0%
RBOB CALENDAR SWAP	RL	5,343	6,227	-14.2%	4,125	29.5%	60,956	63,421	-3.9%
RBOB CRACK SPREAD	RM	495	2,060	-76.0%	415	19.3%	11,785	13,560	-13.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	0	25	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	251	1,587	-84.2%	304	-17.4%	5,852	10,405	-43.8%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%

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Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Futures</b>									
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	-	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	200	-100.0%	5,665	150	3,676.7%
SAN JUAN BASIS SWAP	NJ	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%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0.0%	41	230	-82.2%
SINGAPORE 380CST BALMO	BT	0	116	-100.0%	0	0.0%	39	932	-95.8%
SINGAPORE 380CST FUEL OIL	SE	32	2,134	-98.5%	228	-86.0%	2,329	30,062	-92.3%
SINGAPORE FUEL 180CST CAL	UA	0	103	-100.0%	0	0.0%	215	2,430	-91.2%
SINGAPORE FUEL OIL SPREAD	SD	0	49	-100.0%	0	0.0%	80	688	-88.4%
SINGAPORE GASOIL	MAF	201	2,372	-91.5%	155	29.7%	2,215	22,556	-90.2%
SINGAPORE GASOIL	MTB	0	65	-100.0%	0	0.0%	62	707	-91.2%
SINGAPORE GASOIL	MTS	167	1,725	-90.3%	126	32.5%	3,502	38,305	-90.9%
SINGAPORE GASOIL	SBM	5	0	-	79	-93.7%	451	0	-
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GDH	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GDL	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	0	0.0%	0	270	-100.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MSG	256	313	-18.2%	148	73.0%	7,474	2,082	259.0%
SINGAPORE GASOIL CALENDAR	SGG	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL SWAP	SG	1,767	1,293	36.7%	567	211.6%	10,311	10,539	-2.2%
SINGAPORE GASOIL VS ICE	GA	0	90	-100.0%	0	0.0%	282	4,683	-94.0%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	345	50	590.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	575	-100.0%	575	100	475.0%
SINGAPORE JET KEROSENE SW	KS	165	490	-66.3%	65	153.8%	6,348	6,495	-2.3%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	0	0.0%	175	1,500	-88.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	5,972	-100.0%	0	0.0%	24,280	94,294	-74.3%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	-	0	0	0.0%
SING FUEL	MSD	0	25	-100.0%	0	0.0%	0	30	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	-	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	25	-100.0%	0	0.0%	45	2,456	-98.2%
TC5 RAS TANURA TO YOKOHAM	TH	0	15	-100.0%	0	0.0%	140	3,416	-95.9%
TCO BASIS SWAP	TC	0	0	0.0%	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>									
TD3 MEG TO JAPAN 250K MT	TL	970	2,836	-65.8%	2,629	-63.1%	23,160	58,780	-60.6%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	-	0	0	0.0%
Tetco STX Basis	TX	0	0	0.0%	0	-	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	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%
Transco Zone 3 Basis	CZ	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%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0.0%	0	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	0.0%	0	20	-100.0%
UK NBP NAT GAS CAL MTH FUT	UKG	1,815	295	515.3%	30	5,950.0%	4,155	6,339	-34.5%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	6,120	4,950	23.6%	2,992	104.5%	57,896	61,280	-5.5%
UP DOWN GC ULSD VS NMX HO	LT	40,469	39,211	3.2%	36,503	10.9%	504,076	380,309	32.5%
WAHA BASIS	NW	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%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	0	1,953	-100.0%
WTI-BRENT CALENDAR SWAP	BK	30,895	34,765	-11.1%	21,037	46.9%	404,209	397,210	1.8%
WTI CALENDAR	CS	56,951	60,076	-5.2%	48,919	16.4%	655,151	462,473	41.7%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	0.0%	300	0	-
WTS (ARGUS) VS WTI SWAP	FF	0	1,440	-100.0%	1,775	-100.0%	55,150	46,137	19.5%
WTS (ARGUS) VS WTI TRD MT	FH	72	115	-37.4%	1,008	-92.9%	12,389	7,270	70.4%
<b>Energy Options</b>									
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	-	0	0	0.0%
BRENT CALENDAR SWAP	BA	0	900	-100.0%	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%
BRENT CRUDE OIL 1 M CSO	9C	1,100	0	0.0%	0	0.0%	36,675	35,790	2.5%
BRENT CRUDE OIL 6 M CSO	9L	0	0	0.0%	0	-	0	0	0.0%
BRENT OIL LAST DAY	BE	14,819	13,000	14.0%	35,440	-58.2%	378,614	355,576	6.5%
BRENT OIL LAST DAY	BZO	37,812	78,154	-51.6%	64,758	-41.6%	522,463	1,035,602	-49.5%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	25	0	0.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	0.0%	0	225	-100.0%
COAL API2 INDEX	CQA	0	0	0.0%	0	0.0%	0	835	-100.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	-	0	0	0.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	-	0	0	0.0%



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<b>Energy Options</b>									
COAL SWAP	CPF	0	0	0.0%	0	-	0	0	0.0%
COAL SWAP	RPF	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL	6Y	50	0	0.0%	0	0.0%	50	150	-66.7%
CRUDE OIL 1MO	WA	185,250	109,150	69.7%	147,700	25.4%	2,106,182	2,354,612	-10.6%
CRUDE OIL APO	AO	109,670	105,348	4.1%	37,704	190.9%	621,377	540,376	15.0%
CRUDE OIL CALNDR STRIP	6F	120	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%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0.0%	0	960	-100.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0.0%	1,850	1,300	42.3%
CRUDE OIL PHY	LC	7,436	18,448	-59.7%	1,300	472.0%	115,489	124,164	-7.0%
CRUDE OIL PHY	LO	2,403,669	1,926,989	24.7%	2,340,168	2.7%	27,911,462	29,253,411	-4.6%
CRUDE OIL PHY	LO1	8,912	15,754	-43.4%	7,525	18.4%	183,093	172,316	6.3%
CRUDE OIL PHY	LO2	9,337	12,536	-25.5%	7,153	30.5%	113,087	152,487	-25.8%
CRUDE OIL PHY	LO3	9,093	341	2,566.6%	3,629	150.6%	118,178	99,527	18.7%
CRUDE OIL PHY	LO4	8,217	24,448	-66.4%	10,281	-20.1%	185,389	184,008	0.8%
CRUDE OIL PHY	LO5	0	20,801	-100.0%	11,605	-100.0%	59,518	69,759	-14.7%
ELEC FINSETTLED	PJN	0	0	-	0	0.0%	43	0	-
ETHANOL	CE1	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	CE3	0	0	0.0%	0	-	0	0	0.0%
ETHANOL SWAP	CVR	2,135	6,540	-67.4%	5,392	-60.4%	48,666	116,501	-58.2%
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	600	780	-23.1%
FREIGHT MARKETS	TDT	0	0	0.0%	0	0.0%	0	1,800	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	1,200	0	-	0	-	1,200	0	-
HEATING OIL PHY	LB	0	0	0.0%	204	-100.0%	3,527	2,002	76.2%
HEATING OIL PHY	OH	11,728	22,081	-46.9%	13,609	-13.8%	147,038	304,531	-51.7%
HENRY HUB FINANCIAL LAST	E7	4,249	1,599	165.7%	10,421	-59.2%	76,860	64,758	18.7%
HO 1 MONTH CLNDR OPTIONS	FA	0	400	-100.0%	0	0.0%	100	2,550	-96.1%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WTO	0	0	-	0	0.0%	1,400	0	-
LLS CRUDE OIL	YVO	0	0	0.0%	0	-	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	2,425	300	708.3%	0	0.0%	8,248	480	1,618.3%
MCCLOSKEY RCH BAY COAL	MFO	0	25	-100.0%	50	-100.0%	475	1,125	-57.8%
NATURAL GAS 1 M CSO FIN	G4	43,590	161,152	-73.0%	149,600	-70.9%	1,089,608	914,705	19.1%
NATURAL GAS 2 M CSO FIN	G2	5,450	14,825	-63.2%	1,900	186.8%	19,650	21,050	-6.7%
NATURAL GAS 3 M CSO FIN	G3	12,750	2,900	339.7%	0	0.0%	494,025	228,425	116.3%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Options</b>									
NATURAL GAS 5 M CSO FIN	G5	0	1,350	-100.0%	0	0.0%	11,450	6,100	87.7%
NATURAL GAS 6 M CSO FIN	G6	3,100	42,650	-92.7%	0	0.0%	151,400	106,675	41.9%
NATURAL GAS OPT	TFO	2,450	0	-	28,190	-91.3%	216,920	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	6,260	3,220	94.4%	4,320	44.9%	33,080	29,040	13.9%
NATURAL GAS PHY	KD	1,175	3,308	-64.5%	1,745	-32.7%	40,363	44,281	-8.8%
NATURAL GAS PHY	LN	2,164,130	2,011,641	7.6%	2,762,168	-21.7%	26,265,316	17,466,677	50.4%
NATURAL GAS PHY	ON	98,549	158,072	-37.7%	99,956	-1.4%	1,377,953	1,401,145	-1.7%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	0.0%	400	0	-
NATURAL GAS WINTER STRIP	6I	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	4,352	-100.0%
NY HARBOR HEAT OIL SWP	AT	714	270	164.4%	857	-16.7%	17,878	26,591	-32.8%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	4H	10	27	-63.0%	0	0.0%	660	4,872	-86.5%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	630	200	215.0%
PETROCHEMICALS	4K	500	0	0.0%	540	-7.4%	1,040	560	85.7%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	126	40	215.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0.0%	6	36	-83.3%
PETRO OUTRIGHT NA	1N5	0	0	-	0	0.0%	200	0	-
PETRO OUTRIGHT NA	DAP	30	120	-75.0%	90	-66.7%	1,315	540	143.5%
PJM WES HUB PEAK CAL MTH	6OA	0	150	-100.0%	0	0.0%	770	1,000	-23.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	-	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	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	150	-100.0%
RBOB CALENDAR SWAP	RA	0	0	0.0%	1,080	-100.0%	2,161	576	275.2%
RBOB CRACK	RX	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB PHY	OB	8,469	7,460	13.5%	6,999	21.0%	91,430	148,890	-38.6%
RBOB PHY	RF	0	0	0.0%	25	-100.0%	1,043	1,624	-35.8%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	-	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	0	3,880	-100.0%
SHORT TERM	C15	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U11	0	50	-100.0%	0	0.0%	150	750	-80.0%
SHORT TERM	U12	0	0	0.0%	200	-100.0%	600	1,480	-59.5%
SHORT TERM	U13	0	101	-100.0%	0	0.0%	600	251	139.0%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Options</b>									
SHORT TERM	U14	0	0	0.0%	0	0.0%	200	150	33.3%
SHORT TERM	U15	0	400	-100.0%	0	0.0%	700	1,675	-58.2%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	1	-100.0%
SHORT TERM	U23	0	0	0.0%	50	-100.0%	150	117	28.2%
SHORT TERM	U24	0	0	0.0%	0	0.0%	50	250	-80.0%
SHORT TERM	U25	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	500	650	-23.1%
SHORT TERM NATURAL GAS	U02	0	500	-100.0%	100	-100.0%	550	675	-18.5%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	650	704	-7.7%
SHORT TERM NATURAL GAS	U04	0	100	-100.0%	0	0.0%	1,350	1,000	35.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U06	50	0	0.0%	0	0.0%	150	505	-70.3%
SHORT TERM NATURAL GAS	U07	0	104	-100.0%	50	-100.0%	600	754	-20.4%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	50	-100.0%	400	2,650	-84.9%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	200	-100.0%	250	700	-64.3%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0.0%	450	1,150	-60.9%
SHORT TERM NATURAL GAS	U16	200	0	0.0%	0	0.0%	300	250	20.0%
SHORT TERM NATURAL GAS	U17	50	0	0.0%	0	0.0%	375	450	-16.7%
SHORT TERM NATURAL GAS	U18	50	200	-75.0%	0	0.0%	200	325	-38.5%
SHORT TERM NATURAL GAS	U19	50	100	-50.0%	0	0.0%	325	200	62.5%
SHORT TERM NATURAL GAS	U20	0	200	-100.0%	0	0.0%	300	500	-40.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	200	50	300.0%
SHORT TERM NATURAL GAS	U27	500	0	0.0%	0	0.0%	1,150	0	0.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	600	425	41.2%
SHORT TERM NATURAL GAS	U29	0	50	-100.0%	0	0.0%	950	150	533.3%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	1,075	600	79.2%
SHORT TERM NATURAL GAS	U31	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%
SINGAPORE JET FUEL CALEND	N2	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	23,300	32,200	-27.6%	34,200	-31.9%	508,182	565,505	-10.1%
WTI CRUDE OIL 1 M CSO FI	7A	110,370	29,600	272.9%	111,520	-1.0%	999,870	566,520	76.5%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	6,177,080	8,927,418	-30.8%	4,645,292	33.0%	74,092,116	81,114,542	-8.7%
NYMEX HOT ROLLED STEEL	HR	19,194	10,396	84.6%	22,823	-15.9%	203,505	164,663	23.6%
NYMEX PLATINUM	PL	277,596	399,670	-30.5%	271,140	2.4%	4,111,451	5,274,093	-22.0%
PALLADIUM	PA	59,389	131,275	-54.8%	34,644	71.4%	655,836	1,183,652	-44.6%
URANIUM	UX	0	0	0.0%	1	-100.0%	1,855	10,601	-82.5%
COMEX SILVER	SI	2,139,688	2,334,288	-8.3%	1,645,627	30.0%	24,444,751	22,606,422	8.1%
COMEX E-Mini GOLD	QO	26,345	22,811	15.5%	15,519	69.8%	362,461	225,803	60.5%
COMEX E-Mini SILVER	QI	5,293	2,484	113.1%	5,973	-11.4%	99,922	47,531	110.2%
COMEX COPPER	HG	2,214,470	2,116,656	4.6%	1,837,177	20.5%	22,766,064	22,343,142	1.9%
COMEX MINY COPPER	QC	2,142	497	331.0%	2,354	-9.0%	11,907	7,129	67.0%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	22	-100.0%
ALUMINUM	AEP	1,734	7,452	-76.7%	5,060	-65.7%	36,815	29,335	25.5%
ALUMINUM	ALA	200	242	-17.4%	360	-44.4%	1,809	1,162	55.7%
ALUMINUM	ALI	2,465	2,963	-16.8%	2,800	-12.0%	41,090	12,938	217.6%
ALUMINUM	AUP	5,412	11,831	-54.3%	6,857	-21.1%	104,077	74,443	39.8%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	50	0	0.0%
ALUMINUM	EDP	2,820	4,576	-38.4%	2,132	32.3%	40,001	26,332	51.9%
ALUMINUM	MJP	640	240	166.7%	780	-17.9%	11,150	10,510	6.1%
COPPER	HGS	1,292	582	122.0%	1,744	-25.9%	32,990	9,921	232.5%
FERROUS PRODUCTS	BUS	3,853	1,158	232.7%	1,245	209.5%	23,416	12,097	93.6%
GOLD	4GC	101	0	-	20	405.0%	734	0	-
GOLD	SGC	933	4,417	-78.9%	1,017	-8.3%	18,071	14,001	29.1%
GOLD	SGU	3,341	15,264	-78.1%	4,031	-17.1%	58,470	21,350	173.9%
Gold Kilo	GCK	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL FUTURES	EHR	1,600	0	-	1,200	33.3%	5,762	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	1,919	-100.0%	0	0.0%	14,498	52,564	-72.4%
IRON ORE CHINA	TIO	1,418	0	-	1,068	32.8%	6,835	0	-
LNDN ZINC	ZNC	0	0	0.0%	0	0.0%	0	1,230	-100.0%
METALS	HDG	0	0	-	0	0.0%	30	0	-
MICRO GOLD	MGC	1,588,687	692,043	129.6%	1,700,455	-6.6%	20,183,639	5,194,918	288.5%
SILVER	SIL	238,618	54,536	337.5%	245,731	-2.9%	2,147,327	326,664	557.4%
<b>Metals Options</b>									
ALUMINUM	ALO	0	0	-	0	0.0%	150	0	-



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Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Metals Options</b>									
COMEX COPPER	HX	26,231	56,995	-54.0%	20,259	29.5%	405,006	651,156	-37.8%
COMEX GOLD	OG	997,540	950,720	4.9%	877,476	13.7%	12,621,180	14,186,685	-11.0%
COMEX SILVER	SO	152,667	160,698	-5.0%	138,250	10.4%	2,096,716	2,048,360	2.4%
COPPER	H1E	0	185	-100.0%	0	0.0%	1,083	644	68.2%
COPPER	H2E	4	140	-97.1%	2	100.0%	692	938	-26.2%
COPPER	H3E	0	38	-100.0%	0	0.0%	742	1,022	-27.4%
COPPER	H4E	0	51	-100.0%	0	0.0%	370	360	2.8%
COPPER	H5E	0	506	-100.0%	0	0.0%	692	603	14.8%
GOLD	OG1	39,562	22,670	74.5%	14,340	175.9%	389,449	452,737	-14.0%
GOLD	OG2	49,091	41,244	19.0%	31,331	56.7%	427,864	415,238	3.0%
GOLD	OG3	24,825	47,333	-47.6%	27,187	-8.7%	355,509	342,952	3.7%
GOLD	OG4	21,683	21,912	-1.0%	25,774	-15.9%	307,846	225,729	36.4%
GOLD	OG5	0	21,070	-100.0%	33,783	-100.0%	124,762	83,447	49.5%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	0.0%	75	1,050	-92.9%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	150	-100.0%	0	0.0%	0	150	-100.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	0.0%	0	0.0%	3,740	6,830	-45.2%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	0.0%	6,349	3,600	76.4%
IRON ORE CHINA	ICT	0	0	-	80	-100.0%	380	0	-
NYMEX HOT ROLLED STEEL	HRO	150	0	-	225	-33.3%	975	0	-
NYMEX PLATINUM	PO	339	2,074	-83.7%	1,343	-74.8%	26,779	37,260	-28.1%
PALLADIUM	PAO	234	1,308	-82.1%	102	129.4%	6,882	13,678	-49.7%
SILVER	SO1	2,053	1,535	33.7%	698	194.1%	27,023	21,764	24.2%
SILVER	SO2	1,802	3,105	-42.0%	1,684	7.0%	25,221	20,857	20.9%
SILVER	SO3	1,059	2,296	-53.9%	1,797	-41.1%	21,599	18,060	19.6%
SILVER	SO4	398	727	-45.3%	1,090	-63.5%	15,906	7,087	124.4%
SILVER	SO5	0	1,386	-100.0%	1,474	-100.0%	7,544	5,419	39.2%
<b>TOTAL FUTURES GROUP</b>									
Ag Products Futures		0	2	-100.0%	27	-100.0%	69	58	19.0%
Energy Futures		36,455,283	40,089,719	-9.1%	37,464,086	-2.7%	502,695,485	497,824,592	1.0%
Metals Futures		12,774,311	14,742,718	-13.4%	10,455,050	22.2%	149,476,632	138,765,065	7.7%
<b>TOTAL FUTURES</b>		<b>49,229,594</b>	<b>54,832,439</b>	<b>-10.2%</b>	<b>47,919,163</b>	<b>2.7%</b>	<b>652,172,186</b>	<b>636,589,715</b>	<b>2.4%</b>

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## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOIUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	5,298,969	4,827,564	9.8%	5,900,779	-10.2%	63,988,710	56,444,467	13.4%
Metals Options	1,317,638	1,336,143	-1.4%	1,176,895	12.0%	16,874,534	18,545,626	-9.0%
<b>TOTAL OPTIONS</b>	<b>6,616,607</b>	<b>6,163,707</b>	<b>7.3%</b>	<b>7,077,674</b>	<b>-6.5%</b>	<b>80,863,244</b>	<b>74,990,093</b>	<b>7.8%</b>
<b>TOTAL COMBINED</b>								
Ag Products	0	2	-100.0%	27	-100.0%	69	58	19.0%
Energy	41,754,252	44,917,283	-7.0%	43,364,865	-3.7%	566,684,195	554,269,059	2.2%
Metals	14,091,949	16,078,861	-12.4%	11,631,945	21.1%	166,351,166	157,310,691	5.7%
<b>GRAND TOTAL</b>	<b>55,846,201</b>	<b>60,996,146</b>	<b>-8.4%</b>	<b>54,996,837</b>	<b>1.5%</b>	<b>733,035,430</b>	<b>711,579,808</b>	<b>3.0%</b>