



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest DEC 2020	Open Interest DEC 2019	% CHG	Open Interest NOV 2020	% CHG
<b>Ag Products Futures</b>					
COCOA TAS	0	0	-	0	-
COFFEE	0	0	-	0	-
COTTON	0	1	-100.0%	0	-
SUGAR 11	0	0	-	0	-
<b>Energy Futures</b>					
CRUDE OIL PHY	2,154,706	2,147,798	0.3%	2,127,463	1.3%
CRUDE OIL	0	36	-100.0%	0	-
MINY WTI CRUDE OIL	3,103	4,024	-22.9%	2,796	11.0%
BRENT OIL LAST DAY	160,086	222,092	-27.9%	162,467	-1.5%
HEATING OIL PHY	362,667	438,793	-17.3%	373,886	-3.0%
HTG OIL	99	110	-10.0%	108	-8.3%
MINY HTG OIL	0	0	-	0	-
RBOB PHY	414,673	382,208	8.5%	394,564	5.1%
MINY RBOB GAS	2	0	-	0	-
NATURAL GAS	129,935	85,205	52.5%	132,310	-1.8%
LTD NAT GAS	370,197	294,699	25.6%	381,715	-3.0%
MINY NATURAL GAS	5,307	5,155	2.9%	4,343	22.2%
PJM MONTHLY	0	40	-100.0%	0	-
NATURAL GAS PHY	1,169,656	1,291,147	-9.4%	1,203,173	-2.8%
RBOB GAS	77	77	0.0%	84	-8.3%
3.5% FUEL OIL CID MED SWA	0	9	-100.0%	0	-
3.5% FUEL OIL CIF BALMO S	0	0	-	0	-
AEP-DAYTON HUB DAILY	84	38	121.1%	84	0.0%
AEP-DAYTON HUB MTHLY	0	0	-	0	-
AEP-DAYTON HUB OFF-PEAK M	0	0	-	0	-
ALGONQUIN CITYGATES BASIS	0	0	-	0	-
ANR OKLAHOMA	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	13,400	13,970	-4.1%	17,592	-23.8%
ARGUS PROPAN FAR EST INDE	4,916	4,898	0.4%	5,091	-3.4%
ARGUS PROPAN(SAUDI ARAMCO	1,885	2,095	-10.0%	2,085	-9.6%
AUSTRIALIAN COKE COAL	0	0	-	0	-
AUSTRIALIAN COKE COAL	0	4	-100.0%	0	-
BRENT BALMO SWAP	200	0	-	100	100.0%
BRENT CALENDAR SWAP	11,560	21,475	-46.2%	13,382	-13.6%
BRENT CFD SWAP	0	0	-	0	-
BRENT FINANCIAL FUTURES	0	0	-	0	-
BRENT FINANCIAL FUTURES	5	110	-95.5%	10	-50.0%
BRENT FINANCIAL FUTURES	80	0	-	90	-11.1%
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
CANADIAN LIGHT SWEET OIL	0	0	-	0	-
CENTERPOINT BASIS SWAP	0	0	-	0	-
CHICAGO ETHANOL SWAP	34,626	33,386	3.7%	33,806	2.4%
CHICAGO ULSD PL VS HO SPR	937	1,922	-51.2%	1,077	-13.0%
CHICAGO UNL GAS PL VS RBO	1,440	100	1,340.0%	955	50.8%
CIG BASIS	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-
CINERGY HUB PEAK MONTH	0	0	-	0	-
CIN HUB 5MW D AH O PK	0	0	-	0	-
CIN HUB 5MW D AH PK	0	211	-100.0%	0	-

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<b>Energy Futures</b>						
CIN HUB 5MW REAL TIME O P	H4	0	32,704	-100.0%	2,744	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	1,799	-100.0%	154	-100.0%
COAL SWAP	ACM	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	0	511	-100.0%	22	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	756	1,478	-48.8%	749	0.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,700	1,321	28.7%	1,987	-14.4%
CONWAY PROPANE 5 DECIMALS SWAP	8K	20,742	19,501	6.4%	23,787	-12.8%
CRUDE OIL	LPS	550	17,340	-96.8%	750	-26.7%
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	455	174	161.5%	362	25.7%
CRUDE OIL OUTRIGHTS	CC5	1,381	1,710	-19.2%	1,377	0.3%
CRUDE OIL OUTRIGHTS	CPD	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	2,749	0	-	3,248	-15.4%
CRUDE OIL OUTRIGHTS	DAB	0	540	-100.0%	0	-
CRUDE OIL OUTRIGHTS	DBL	0	730	-100.0%	0	-
CRUDE OIL OUTRIGHTS	GSW	1,815	46	3,845.7%	2,190	-17.1%
CRUDE OIL OUTRIGHTS	HTT	129,350	148,361	-12.8%	144,908	-10.7%
CRUDE OIL OUTRIGHTS	LSW	3,162	1,721	83.7%	3,492	-9.5%
CRUDE OIL OUTRIGHTS	SSW	0	0	-	0	-
CRUDE OIL OUTRIGHTS	UMD	0	0	-	0	-
CRUDE OIL OUTRIGHTS	UNS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCC	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCW	4,985	6,002	-16.9%	4,425	12.7%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	591	470	25.7%	366	61.5%
CRUDE OIL SPRDS	38	0	150	-100.0%	0	-
CRUDE OIL SPRDS	ANT	460	180	155.6%	480	-4.2%
CRUDE OIL SPRDS	HIL	18,239	1,445	1,162.2%	18,539	-1.6%
CRUDE OIL SPRDS	WTT	81,012	123,341	-34.3%	84,716	-4.4%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	1,800	5,040	-64.3%	2,520	-28.6%
DAILY PJM	IDO	15,792	17,416	-9.3%	19,320	-18.3%
DAILY PJM	NOC	600	2,280	-73.7%	840	-28.6%
DAILY PJM	PAP	50	270	-81.5%	270	-81.5%
DAILY PJM	PEO	1,120	4,480	-75.0%	5,520	-79.7%
DAILY PJM	PNO	0	3,808	-100.0%	0	-
DAILY PJM	PNP	0	195	-100.0%	0	-
DAILY PJM	PWO	224	12,208	-98.2%	1,104	-79.7%
DAILY PJM	PWP	10	644	-98.4%	54	-81.5%
DAILY PJM	WOR	3,000	8,160	-63.2%	4,200	-28.6%
DAILY PJM	ZAO	224	1,008	-77.8%	1,104	-79.7%
DAILY PJM	ZGO	7,384	61,880	-88.1%	25,944	-71.5%
DAILY PJM	ZJO	336	4,536	-92.6%	1,656	-79.7%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	50	745	-93.3%	100	-50.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	126	2,959	-95.7%	312	-59.6%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	100	1,039	-90.4%	100	0.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	21,962	8,806	149.4%	24,234	-9.4%
EASTERN RAIL DELIVERY CSX	QX	0	0	-	0	-



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<b>Energy Futures</b>						
EAST/WEST FUEL OIL SPREAD	EW	1	13	-92.3%	2	-50.0%
EIA FLAT TAX ONHWAY DIESE	A5	4,544	1,268	258.4%	4,841	-6.1%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	0	0	-	0	-
ELEC ERCOT DLY PEAK	I7	0	0	-	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	0	-
ELEC FINSETTLED	47	44	556	-92.1%	84	-47.6%
ELEC MISO PEAK	4L	0	0	-	0	-
ELEC MISO PEAK	55	0	0	-	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-
ELECTRICITY OFF PEAK	46	784	10,160	-92.3%	1,586	-50.6%
ELECTRICITY OFF PEAK	4P	0	8,160	-100.0%	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	-	0	-
ETHANOL	MTH	0	0	-	10	-100.0%
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	855	750	14.0%	1,010	-15.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	8,263	7,149	15.6%	8,558	-3.4%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-
EURO 3.5% FUEL OIL SPREAD	FK	0	26	-100.0%	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	0	20	-100.0%	0	-
EUROPE 1% FUEL OIL NWE CA	UF	0	141	-100.0%	0	-
EUROPE 1% FUEL OIL RDAM C	UH	0	1	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	52	-100.0%	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	675	3,431	-80.3%	723	-6.6%
EUROPEAN GASOIL (ICE)	7F	77	122	-36.9%	72	6.9%
EUROPEAN NAPHTHA BALMO	KZ	0	15	-100.0%	3	-100.0%
EUROPEAN NAPHTHA CRACK SPR	EN	2,447	6,052	-59.6%	3,111	-21.3%
EUROPE DATED BRENT SWAP	UB	29	0	-	31	-6.5%
EUROPE JET KERO NWE CALSW	UJ	0	3	-100.0%	0	-
EUROPE NAPHTHA CALSWAP	UN	782	1,401	-44.2%	783	-0.1%
EURO PROPANE CIF ARA SWA	PS	2,670	2,365	12.9%	2,723	-1.9%
FREIGHT MARKETS	ACB	0	900	-100.0%	170	-100.0%
FREIGHT MARKETS	BF1	0	20	-100.0%	0	-
FREIGHT MARKETS	BF2	424	15	2,726.7%	334	26.9%
FREIGHT MARKETS	BF3	0	10	-100.0%	0	-
FREIGHT MARKETS	FLP	468	402	16.4%	678	-31.0%
FREIGHT MARKETS	FRC	0	285	-100.0%	20	-100.0%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	210	705	-70.2%	330	-36.4%
FREIGHT MARKETS	T7C	0	0	-	85	-100.0%
FREIGHT MARKETS	TC6	0	0	-	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-
FREIGHT MARKETS	TD8	0	0	-	0	-
FREIGHT MARKETS	USC	0	0	-	0	-
FREIGHT MARKETS	USE	665	0	-	755	-11.9%
FUEL OIL CRACK VS ICE	FO	1,752	6,738	-74.0%	2,217	-21.0%

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

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

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<b>Energy Futures</b>						
FUEL OIL NWE CRACK VS ICE	FI	13	156	-91.7%	26	-50.0%
FUEL OIL (PLATS) CAR CM	1W	0	1	-100.0%	0	-
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	134	451	-70.3%	160	-16.3%
GAS EURO-BOB OXY NWE BARGES	7H	1,900	2,627	-27.7%	2,089	-9.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	13,473	16,671	-19.2%	15,028	-10.3%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	17	2	750.0%	17	0.0%
GASOIL 0.1 ROTTERDAM BARG	VL	27	26	3.8%	15	80.0%
GASOIL 10PPM VS ICE SWAP	TP	0	1	-100.0%	0	-
GASOIL CALENDAR SWAP	GX	93	77	20.8%	86	8.1%
GASOIL CRACK SPREAD CALEN	GZ	1,687	11,927	-85.9%	2,412	-30.1%
GASOIL MINI CALENDAR SWAP	QA	1,001	2,134	-53.1%	1,033	-3.1%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	1,052	2,227	-52.8%	1,123	-6.3%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-
GROUP THREE UNLEAD GAS (P	A9	0	200	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	A6	4,108	5,252	-21.8%	4,688	-12.4%
GRP THREE UNL GS (PLT) VS	A8	4,840	4,496	7.7%	3,400	42.4%
GULF COAST 3% FUEL OIL BA	VZ	45	363	-87.6%	0	-
GULF COAST JET FUEL CLNDR	GE	1,758	184	855.4%	2,016	-12.8%
GULF COAST JET VS NYM 2 H	ME	23,193	18,547	25.0%	20,506	13.1%
GULF COAST NO.6 FUEL OIL	MF	10,145	17,250	-41.2%	9,954	1.9%
GULF COAST NO.6 FUEL OIL	MG	35	1,940	-98.2%	70	-50.0%
GULF COAST ULSD CALENDAR	LY	5,691	1,188	379.0%	6,272	-9.3%
GULF COAST ULSD CRACK SPR	GY	180	625	-71.2%	240	-25.0%
HEATING OIL BALMO CLNDR S	1G	0	40	-100.0%	100	-100.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	-	0	-
HENRY HUB FINANCIAL LAST	NBP	0	0	-	25	-100.0%
HENRY HUB FINANCIAL LAST	TTE	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	4,960	-100.0%	0	-
HENRY HUB SWAP	NN	660,121	776,889	-15.0%	672,800	-1.9%
HOUSTON SHIP CHANNEL BASI	NH	1,825	5,855	-68.8%	2,228	-18.1%
ICE BRENT DUBAI SWAP	DB	7,733	44,348	-82.6%	9,561	-19.1%
IN DELIVERY MONTH EUA	6T	0	0	-	0	-
INDIANA MISO	FAD	0	0	-	0	-
INDIANA MISO	FTD	840	3,000	-72.0%	1,176	-28.6%
INDIANA MISO	PDD	0	248	-100.0%	0	-
INDIANA MISO	PTD	49	390	-87.4%	49	0.0%
INDONESIAN COAL ICI4	ICI	35	531	-93.4%	279	-87.5%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-
JAPAN C&F NAPHTHA CRACK S	JB	0	27	-100.0%	0	-
JAPAN C&F NAPHTHA SWAP	JA	205	649	-68.4%	247	-17.0%
JAPAN NAPHTHA BALMO SWAP	E6	0	28	-100.0%	0	-
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-
JET CIF NWE VS ICE	JC	5	82	-93.9%	10	-50.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	1,405	2,146	-34.5%	940	49.5%
JKM LNG Futures	JKM	6,440	5,383	19.6%	7,280	-11.5%

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<b>Energy Futures</b>						
LA CARB DIESEL (OPIS) SWA	KL	100	1	9,900.0%	148	-32.4%
LA CARBOB GASOLINE(OPIS)S	JL	50	100	-50.0%	50	0.0%
LA JET (OPIS) SWAP	JS	995	1,641	-39.4%	747	33.2%
LLS (ARGUS) CALENDAR SWAP	XA	92	284	-67.6%	103	-10.7%
LLS (ARGUS) VS WTI SWAP	WJ	4,082	10,564	-61.4%	4,947	-17.5%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	170	2,310	-92.6%	220	-22.7%
MARS (ARGUS) VS WTI TRD M	YV	18,089	17,795	1.7%	19,386	-6.7%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	14,970	20,953	-28.6%	18,269	-18.1%
MCCLOSKEY RCH BAY COAL	MFF	833	1,916	-56.5%	1,195	-30.3%
MGF FUT	MGF	0	0	-	0	-
MGN1 SWAP FUT	MGN	55	220	-75.0%	70	-21.4%
MICHIGAN BASIS	NF	0	1,220	-100.0%	0	-
MICHIGAN MISO	HMO	0	0	-	0	-
MICHIGAN MISO	HMW	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	90	-100.0%	39	-100.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	50	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	880	1,545	-43.0%	996	-11.6%
MJC FUT	MJC	5	60	-91.7%	10	-50.0%
MNC FUT	MNC	675	2,214	-69.5%	749	-9.9%
MONT BELVIEU ETHANE 5 DECIMAL	C0	59,143	41,638	42.0%	59,473	-0.6%
MONT BELVIEU ETHANE OPIS BALMO	8C	1,080	347	211.2%	67	1,511.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	134,772	128,609	4.8%	138,595	-2.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,690	924	82.9%	827	104.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	30,917	19,577	57.9%	31,419	-1.6%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	815	625	30.4%	585	39.3%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	64,984	52,366	24.1%	69,633	-6.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	773	1,212	-36.2%	1,177	-34.3%
NAT GAS BASIS SWAP	TZ6	0	0	-	0	-
NATURAL GAS	XIC	0	0	-	0	-
NATURAL GAS PEN SWP	NP	263,053	120,039	119.1%	222,667	18.1%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-
NEPOOL INTR HUB 5MW D AH	H2	154,496	302,176	-48.9%	166,368	-7.1%
NEPOOL INTR HUB 5MW D AH	U6	7,055	15,292	-53.9%	7,615	-7.4%
NEPOOL NE MASS 5MW D AH O	P8	0	1,224	-100.0%	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	63	-100.0%	0	-
NEPOOL RHD ISLD 5MW D AH	U4	0	0	-	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	0	-	0	-
NEPOOL W CNT MASS 5MW D A	L9	0	0	-	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	CE	945	1,199	-21.2%	1,155	-18.2%
NEW YORK ETHANOL SWAP	EZ	195	2,215	-91.2%	390	-50.0%
NEW YORK HUB ZONE G PEAK	GN	441	2,189	-79.9%	1,023	-56.9%
NEW YORK HUB ZONE J PEAK	JN	88	561	-84.3%	264	-66.7%
NGPL MID-CONTINENT	NL	0	2,340	-100.0%	320	-100.0%
NGPL TEX/OK	PD	0	1,940	-100.0%	0	-
N ILLINOIS HUB DAILY	UD	10	68	-85.3%	10	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-
NORTHEN NATURAL GAS DEMAR	PE	0	0	-	0	-

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<b>Energy Futures</b>						
NORTHEN NATURAL GAS VENTU	PF	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	0	914	-100.0%	62	-100.0%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	565	1,305	-56.7%	500	13.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	VK	95	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	11,777	7,631	54.3%	12,206	-3.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	565	840	-32.7%	590	-4.2%
NY HARBOR RESIDUAL FUEL 1	MM	1,197	2,358	-49.2%	1,032	16.0%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	2,850	3,545	-19.6%	2,964	-3.8%
NYISO CAPACITY	LHV	40	280	-85.7%	51	-21.6%
NYISO CAPACITY	NNC	0	0	-	0	-
NYISO CAPACITY	NRS	0	28	-100.0%	0	-
NYISO J	KJ	0	0	-	0	-
NYISO J OFF-PEAK	KK	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	K4	0	8,560	-100.0%	0	0.0%
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	58,675	319,085	-81.6%	60,795	-3.5%
NYISO ZONE G 5MW D AH PK	T3	8,520	18,415	-53.7%	8,620	-1.2%
NYISO ZONE J 5MW D AH O P	D4	0	12,840	-100.0%	0	0.0%
NYISO ZONE J 5MW D AH PK	D3	0	1,880	-100.0%	0	0.0%
NYMEX ALUMINUM FUTURES	AN	0	132	-100.0%	0	-
NYMEX ULSD VS NYMEX HO	UY	0	550	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	944	1,363	-30.7%	1,247	-24.3%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-
ONTARIO POWER SWAPS	OFD	0	0	-	0	-
ONTARIO POWER SWAPS	OPD	0	0	-	0	-
ONTARIO POWER SWAPS	OPM	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	PH	270	1,311	-79.4%	300	-10.0%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-
PERMIAN BASIS SWAP	PM	0	3,294	-100.0%	279	-100.0%
PETROCHEMICALS	22	191	106	80.2%	135	41.5%
PETROCHEMICALS	32	29	45	-35.6%	30	-3.3%
PETROCHEMICALS	3NA	10	4	150.0%	11	-9.1%
PETROCHEMICALS	51	8	12	-33.3%	3	166.7%
PETROCHEMICALS	81	0	0	-	0	-
PETROCHEMICALS	8I	6,246	6,054	3.2%	6,448	-3.1%
PETROCHEMICALS	91	796	907	-12.2%	759	4.9%
PETROCHEMICALS	MAA	30	0	-	0	-
PETROCHEMICALS	MAE	1,798	1,492	20.5%	2,108	-14.7%
PETROCHEMICALS	MAS	495	341	45.2%	479	3.3%
PETROCHEMICALS	MBE	150	300	-50.0%	320	-53.1%
PETROCHEMICALS	MNB	849	1,377	-38.3%	1,052	-19.3%
PETROCHEMICALS	MPS	1,348	784	71.9%	1,395	-3.4%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STR	20	315	-93.7%	40	-50.0%
PETRO CRCKS & SPRDS ASIA	STS	250	141	77.3%	275	-9.1%
PETRO CRCKS & SPRDS NA	CRB	17,450	6,659	162.1%	13,608	28.2%
PETRO CRCKS & SPRDS NA	EXR	967	2,555	-62.2%	1,135	-14.8%
PETRO CRCKS & SPRDS NA	FOC	60	820	-92.7%	220	-72.7%

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity	Open Interest DEC 2020	Open Interest DEC 2019	% CHG	Open Interest NOV 2020	% CHG
<b>Energy Futures</b>					
PETRO CRCKS & SPRDS NA	305	625	-51.2%	925	-67.0%
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	338	2,219	-84.8%	244	38.5%
PETRO CRCKS & SPRDS NA	0	100	-100.0%	0	-
PETRO CRCKS & SPRDS NA	1,932	9,886	-80.5%	2,450	-21.1%
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	6,633	10,835	-38.8%	7,110	-6.7%
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	0	175	-100.0%	0	-
PETRO CRCKS & SPRDS NA	6,093	16,561	-63.2%	7,554	-19.3%
PETRO CRCKS & SPRDS NA	3,729	13,634	-72.6%	4,700	-20.7%
PETRO CRCKS & SPRDS NA	0	119	-100.0%	0	-
PETRO CRK&SPRD EURO	100	935	-89.3%	200	-50.0%
PETRO CRK&SPRD EURO	0	0	-	0	-
PETRO CRK&SPRD EURO	0	0	-	0	-
PETRO CRK&SPRD EURO	0	0	-	0	-
PETRO CRK&SPRD EURO	536	3,136	-82.9%	750	-28.5%
PETRO CRK&SPRD EURO	0	35	-100.0%	0	-
PETRO CRK&SPRD EURO	1,049	1,202	-12.7%	964	8.8%
PETRO CRK&SPRD EURO	32	1,631	-98.0%	64	-50.0%
PETRO CRK&SPRD EURO	0	0	-	0	-
PETRO CRK&SPRD EURO	0	30	-100.0%	0	-
PETRO CRK&SPRD EURO	0	0	-	0	-
PETRO CRK&SPRD EURO	1	13	-92.3%	2	-50.0%
PETRO CRK&SPRD EURO	0	50	-100.0%	0	-
PETRO CRK&SPRD EURO	0	70	-100.0%	0	-
PETRO CRK&SPRD EURO	0	0	-	0	-
PETRO CRK&SPRD EURO	410	1,038	-60.5%	457	-10.3%
PETRO CRK&SPRD EURO	0	0	-	0	-
PETROLEUM PRODUCTS	100	145	-31.0%	100	0.0%
PETROLEUM PRODUCTS	325	2,275	-85.7%	475	-31.6%
PETROLEUM PRODUCTS	423	5,396	-92.2%	496	-14.7%
PETROLEUM PRODUCTS	950	700	35.7%	1,550	-38.7%
PETROLEUM PRODUCTS	0	0	-	0	-
PETROLEUM PRODUCTS	0	0	-	0	-
PETROLEUM PRODUCTS	0	10	-100.0%	0	-
PETROLEUM PRODUCTS	0	0	-	0	-
PETROLEUM PRODUCTS	79	21	276.2%	38	107.9%
PETROLEUM PRODUCTS	28	45	-37.8%	32	-12.5%
PETROLEUM PRODUCTS	90	0	-	65	38.5%
PETROLEUM PRODUCTS	33	1,242	-97.3%	66	-50.0%
PETROLEUM PRODUCTS	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	392	545	-28.1%	390	0.5%
PETROLEUM PRODUCTS ASIA	0	0	-	0	-
PETRO OUTRIGHT EURO	37	293	-87.4%	50	-26.0%
PETRO OUTRIGHT EURO	0	0	-	0	-
PETRO OUTRIGHT EURO	211	2,031	-89.6%	277	-23.8%
PETRO OUTRIGHT EURO	0	0	-	0	-
PETRO OUTRIGHT EURO	18	262	-93.1%	19	-5.3%
PETRO OUTRIGHT EURO	0	3	-100.0%	0	-



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest DEC 2020	Open Interest DEC 2019	% CHG	Open Interest NOV 2020	% CHG
<b>Energy Futures</b>					
PETRO OUTRIGHT EURO	33	0	-	0	-
PETRO OUTRIGHT EURO	5L	0	-100.0%	0	-
PETRO OUTRIGHT EURO	63	0	-	0	-
PETRO OUTRIGHT EURO	7I	0	-	0	-
PETRO OUTRIGHT EURO	7R	0	-100.0%	0	-
PETRO OUTRIGHT EURO	88	0	-	0	-
PETRO OUTRIGHT EURO	CBB	10	-	0	-
PETRO OUTRIGHT EURO	CGB	0	-	0	-
PETRO OUTRIGHT EURO	CPB	143	-56.4%	15	853.3%
PETRO OUTRIGHT EURO	EFF	0	-100.0%	0	-
PETRO OUTRIGHT EURO	EFM	0	-100.0%	0	-
PETRO OUTRIGHT EURO	ENS	3	-93.5%	6	-50.0%
PETRO OUTRIGHT EURO	EWN	24	-88.4%	12	100.0%
PETRO OUTRIGHT EURO	FLB	0	-	0	-
PETRO OUTRIGHT EURO	GES	0	-	0	-
PETRO OUTRIGHT EURO	GNO	0	-	0	-
PETRO OUTRIGHT EURO	H5G	92	-92.1%	184	-50.0%
PETRO OUTRIGHT EURO	JFB	0	-	0	-
PETRO OUTRIGHT EURO	M1B	4,850	208.9%	3,637	33.4%
PETRO OUTRIGHT EURO	M35	0	-	0	-
PETRO OUTRIGHT EURO	MBB	20	-	0	-
PETRO OUTRIGHT EURO	MBN	1,768	-5.3%	1,231	43.6%
PETRO OUTRIGHT EURO	MEF	278	2.2%	250	11.2%
PETRO OUTRIGHT EURO	R53	6	-96.4%	12	-50.0%
PETRO OUTRIGHT EURO	R5B	0	-	0	-
PETRO OUTRIGHT EURO	R5M	1,090	6.1%	1,038	5.0%
PETRO OUTRIGHT EURO	R5O	2,778	49.8%	2,948	-5.8%
PETRO OUTRIGHT EURO	RBM	0	-	0	-
PETRO OUTRIGHT EURO	S5B	0	-	0	-
PETRO OUTRIGHT EURO	S5F	386	221.7%	398	-3.0%
PETRO OUTRIGHT EURO	S5M	3,569	194.7%	3,381	5.6%
PETRO OUTRIGHT EURO	S5O	1,995	264.1%	2,419	-17.5%
PETRO OUTRIGHT EURO	SMU	10	-95.5%	20	-50.0%
PETRO OUTRIGHT EURO	T0	0	-100.0%	0	-
PETRO OUTRIGHT EURO	T2B	0	-	0	-
PETRO OUTRIGHT EURO	TMB	0	-	0	-
PETRO OUTRIGHT EURO	ULB	0	-	400	-100.0%
PETRO OUTRIGHT EURO	UNB	0	-	0	-
PETRO OUTRIGHT EURO	V0	0	-	0	-
PETRO OUTRIGHT EURO	X0	0	-	0	-
PETRO OUTRIGHT NA	A8B	375	-	0	-
PETRO OUTRIGHT NA	AB6	75	-	50	50.0%
PETRO OUTRIGHT NA	BCR	200	-	673	-70.3%
PETRO OUTRIGHT NA	DBB	0	-	0	-
PETRO OUTRIGHT NA	FCB	0	-	0	-
PETRO OUTRIGHT NA	FOM	0	-	0	-
PETRO OUTRIGHT NA	H5B	0	-	0	-
PETRO OUTRIGHT NA	JE	570	375.0%	585	-2.6%
PETRO OUTRIGHT NA	JET	400	-80.5%	790	-49.4%
PETRO OUTRIGHT NA	JTB	50	-71.4%	0	-
PETRO OUTRIGHT NA	MBL	98	-67.8%	135	-27.4%
PETRO OUTRIGHT NA	MEN	10	-90.5%	30	-66.7%



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest DEC 2020	Open Interest DEC 2019	% CHG	Open Interest NOV 2020	% CHG	
<b>Energy Futures</b>						
PETRO OUTRIGHT NA	MEO	807	1,622	-50.2%	1,582	-49.0%
PETRO OUTRIGHT NA	MFD	5	232	-97.8%	10	-50.0%
PETRO OUTRIGHT NA	MMF	0	35	-100.0%	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	46,720	116,800	-60.0%	52,600	-11.2%
PJM AD HUB 5MW REAL TIME	Z9	2,555	13,349	-80.9%	3,479	-26.6%
PJM ATSI ELEC	MOD	0	0	-	0	-
PJM ATSI ELEC	MPD	0	0	-	0	-
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-
PJM BGE DA PEAK	E3	0	0	-	0	-
PJM COMED 5MW D AH O PK	D9	0	0	-	0	-
PJM COMED 5MW D AH PK	D8	0	0	-	0	-
PJM DAILY	JD	286	960	-70.2%	286	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	42,800	-100.0%	0	0.0%
PJM DAYTON DA PEAK	D7	0	2,350	-100.0%	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	2,560	3,845	-33.4%	2,670	-4.1%
PJM NI HUB 5MW REAL TIME	B6	46,640	70,000	-33.4%	48,600	-4.0%
PJM NILL DA OFF-PEAK	L3	0	0	-	0	-
PJM NILL DA PEAK	N3	0	0	-	0	-
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	420	-100.0%	0	-
PJM PSEG DA OFF-PEAK	W6	0	10,200	-100.0%	0	-
PJM PSEG DA PEAK	L6	0	525	-100.0%	0	-
PJM WESTH DA OFF-PEAK	E4	0	39,740	-100.0%	0	0.0%
PJM WESTHDA PEAK	J4	0	2,150	-100.0%	0	0.0%
PJM WESTH RT OFF-PEAK	N9	303,880	451,419	-32.7%	313,680	-3.1%
PJM WESTH RT PEAK	L1	54,555	60,164	-9.3%	25,713	112.2%
PLASTICS	PGP	3,043	3,617	-15.9%	3,240	-6.1%
PREMIUM UNLND 10P FOB MED	3G	0	46	-100.0%	0	-
PREMIUM UNLEAD 10PPM FOB	8G	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	-	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	400	855	-53.2%	850	-52.9%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	58,851	62,395	-5.7%	55,853	5.4%
RBOB CALENDAR SWAP	RL	10,016	12,310	-18.6%	13,845	-27.7%
RBOB CRACK SPREAD	RM	2,455	5,678	-56.8%	2,120	15.8%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	331	693	-52.2%	251	31.9%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	375	75	400.0%	450	-16.7%
SAN JUAN BASIS SWAP	NJ	0	428	-100.0%	0	-
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-
SINGAPORE 380CST BALMO	BT	0	5	-100.0%	0	-
SINGAPORE 380CST FUEL OIL	SE	386	2,264	-83.0%	395	-2.3%
SINGAPORE FUEL 180CST CAL	UA	0	153	-100.0%	0	-
SINGAPORE FUEL OIL SPREAD	SD	15	155	-90.3%	30	-50.0%
SINGAPORE GASOIL	MAF	166	1,474	-88.7%	250	-33.6%
SINGAPORE GASOIL	MTB	10	65	-84.6%	0	-
SINGAPORE GASOIL	MTS	360	2,203	-83.7%	265	35.8%
SINGAPORE GASOIL	SBM	78	0	-	5	1,460.0%

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**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity	Open Interest DEC 2020	Open Interest DEC 2019	% CHG	Open Interest NOV 2020	% CHG	
<b>Energy Futures</b>						
SINGAPORE GASOIL	STZ	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	1,337	1,197	11.7%	1,498	-10.7%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-
SINGAPORE GASOIL SWAP	SG	6,275	1,943	223.0%	2,548	146.3%
SINGAPORE GASOIL VS ICE	GA	570	6,438	-91.1%	1,140	-50.0%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	500	450	11.1%	575	-13.0%
SINGAPORE JET KEROSENE SW	KS	1,095	1,996	-45.1%	615	78.0%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	1,913	8,468	-77.4%	3,088	-38.1%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-
SING FUEL	MSD	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	0	-
Sumas Basis Swap	NK	0	455	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	225	-100.0%	30	-100.0%
TC5 RAS TANURA TO YOKOHAM	TH	75	1,385	-94.6%	150	-50.0%
TCO BASIS SWAP	TC	0	1,220	-100.0%	0	-
TD3 MEG TO JAPAN 250K MT	TL	4,296	9,122	-52.9%	6,251	-31.3%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-
Tetco STX Basis	TX	0	0	-	0	-
TEXAS EASTERN ZONE M-3 BA	NX	630	914	-31.1%	909	-30.7%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-
Transco Zone 3 Basis	CZ	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	1,539	-100.0%	125	-100.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-
UCM FUT	UCM	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	310	566	-45.2%	150	106.7%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	4,000	9,100	-56.0%	5,595	-28.5%
UP DOWN GC ULSD VS NMX HO	LT	48,888	45,534	7.4%	51,628	-5.3%
WAHA BASIS	NW	0	685	-100.0%	31	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	-	0	-
WTI-BRENT BULLET SWAP	BY	0	470	-100.0%	0	-
WTI-BRENT CALENDAR SWAP	BK	85,952	173,688	-50.5%	85,068	1.0%
WTI CALENDAR	CS	170,071	187,390	-9.2%	169,670	0.2%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	50	-100.0%
WTS (ARGUS) VS WTI SWAP	FF	63,048	68,238	-7.6%	66,313	-4.9%
WTS (ARGUS) VS WTI TRD MT	FH	10,012	3,437	191.3%	10,387	-3.6%
<b>Energy Options</b>						
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	1,550	9,146	-83.1%	1,756	-11.7%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	9C	5,400	500	980.0%	5,700	-5.3%
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-
BRENT OIL LAST DAY	BE	97,900	15,070	549.6%	105,002	-6.8%
BRENT OIL LAST DAY	BZO	70,510	83,260	-15.3%	58,040	21.5%
BRENT OIL LAST DAY	OS	0	0	-	0	-

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity		Open Interest DEC 2020	Open Interest DEC 2019	% CHG	Open Interest NOV 2020	% CHG
<b>Energy Options</b>						
COAL API2 INDEX	CLA	0	0	-	0	-
COAL API2 INDEX	CQA	0	0	-	0	-
COAL API4 INDEX	RLA	0	0	-	0	-
COAL API4 INDEX	RQA	0	0	-	0	-
COAL SWAP	CPF	0	0	-	0	-
COAL SWAP	RPF	0	0	-	0	-
CRUDE OIL	6Y	50	0	0.0%	50	0.0%
CRUDE OIL 1MO	WA	429,225	310,050	38.4%	435,800	-1.5%
CRUDE OIL APO	AO	282,155	391,793	-28.0%	291,110	-3.1%
CRUDE OIL CALNDR STRIP	6F	0	0	-	170	-100.0%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	19,245	52,193	-63.1%	18,970	1.4%
CRUDE OIL PHY	LO	1,420,100	1,725,407	-17.7%	1,365,803	4.0%
CRUDE OIL PHY	LO1	0	7,505	-100.0%	3,480	-100.0%
CRUDE OIL PHY	LO2	1,694	3,261	-48.1%	170	896.5%
CRUDE OIL PHY	LO3	476	911	-47.7%	107	344.9%
CRUDE OIL PHY	LO4	21	1	2,000.0%	6	250.0%
CRUDE OIL PHY	LO5	0	0	-	0	-
ELEC FINSETTLED	PJN	43	0	-	43	0.0%
ETHANOL	CE1	0	0	-	0	-
ETHANOL	CE3	0	0	-	0	-
ETHANOL SWAP	CVR	5,795	9,460	-38.7%	10,212	-43.3%
ETHANOL SWAP	GVR	65	300	-78.3%	130	-50.0%
FREIGHT MARKETS	TDT	0	0	0.0%	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	3,000	0	-	1,200	150.0%
HEATING OIL PHY	LB	516	404	27.7%	550	-6.2%
HEATING OIL PHY	OH	14,623	21,848	-33.1%	14,287	2.4%
HENRY HUB FINANCIAL LAST	E7	34,726	11,381	205.1%	36,226	-4.1%
HO 1 MONTH CLNDR OPTIONS	FA	0	350	-100.0%	0	-
LLS CRUDE OIL	WJO	0	0	-	0	-
LLS CRUDE OIL	WTO	1,100	0	-	1,200	-8.3%
LLS CRUDE OIL	YVO	0	0	-	0	-
MCCLOSKY ARA ARGS COAL	MTO	1,357	375	261.9%	4,897	-72.3%
MCCLOSKY RCH BAY COAL	MFO	0	0	-	50	-100.0%
NATURAL GAS 1 M CSO FIN	G4	49,335	271,909	-81.9%	75,360	-34.5%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	4,700	-100.0%
NATURAL GAS 3 M CSO FIN	G3	5,700	23,250	-75.5%	0	-
NATURAL GAS 5 M CSO FIN	G5	2,000	3,900	-48.7%	1,000	100.0%
NATURAL GAS 6 M CSO FIN	G6	15,900	60,000	-73.5%	15,900	0.0%
NATURAL GAS OPT	TFO	61,240	0	-	70,650	-13.3%
NATURAL GAS OPTION ON CALENDAR STRP	6J	12,628	9,224	36.9%	26,440	-52.2%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,391,759	1,793,209	33.4%	2,400,208	-0.4%
NATURAL GAS PHY	ON	42,956	115,620	-62.8%	41,206	4.2%
NATURAL GAS SUMMER STRIP	4D	400	0	-	400	0.0%
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	0	3,356	-100.0%	0	-
NY HARBOR HEAT OIL SWP	AT	5,503	7,401	-25.6%	6,300	-12.7%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-



## NYMEX/COMEX Exchange Open Interest Report - Monthly

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<b>Energy Options</b>						
PETROCHEMICALS	4H	478	1,362	-64.9%	562	-14.9%
PETROCHEMICALS	4J	610	75	713.3%	620	-1.6%
PETROCHEMICALS	4K	380	240	58.3%	520	-26.9%
PETROCHEMICALS	CPR	0	15	-100.0%	0	-
PETRO OUTRIGHT EURO	8H	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	2	24	-91.7%	4	-50.0%
PETRO OUTRIGHT NA	1N5	0	0	-	0	-
PETRO OUTRIGHT NA	DAP	705	646	9.1%	645	9.3%
PJM WES HUB PEAK CAL MTH	6OA	850	1,040	-18.3%	1,510	-43.7%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	472	512	-7.8%	512	-7.8%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	1,269	255	397.6%	1,416	-10.4%
RBOB CRACK	RX	0	0	-	0	-
RBOB PHY	OB	7,545	6,057	24.6%	8,199	-8.0%
RBOB PHY	RF	0	0	-	0	-
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-
SAN JUAN PIPE SWAP	PJ	0	2,640	-100.0%	0	-
SHORT TERM	C15	0	0	-	0	-
SHORT TERM	U11	0	0	-	0	-
SHORT TERM	U12	0	0	-	0	-
SHORT TERM	U13	0	0	-	0	-
SHORT TERM	U14	0	0	-	0	-
SHORT TERM	U15	0	0	-	0	-
SHORT TERM	U22	0	0	-	0	-
SHORT TERM	U23	0	0	-	0	-
SHORT TERM	U24	0	0	-	0	-
SHORT TERM	U25	0	0	-	0	-
SHORT TERM	U26	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	0	0	-	0	-
SHORT TERM NATURAL GAS	U02	0	0	-	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-
SHORT TERM NATURAL GAS	U05	0	0	-	0	-
SHORT TERM NATURAL GAS	U06	0	0	-	0	-
SHORT TERM NATURAL GAS	U07	0	0	-	0	-
SHORT TERM NATURAL GAS	U08	0	0	-	0	-
SHORT TERM NATURAL GAS	U09	0	0	-	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-
SHORT TERM NATURAL GAS	U16	0	0	-	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-
SHORT TERM NATURAL GAS	U18	0	0	-	0	-
SHORT TERM NATURAL GAS	U19	0	0	-	0	-
SHORT TERM NATURAL GAS	U20	0	0	-	0	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-
SHORT TERM NATURAL GAS	U27	0	0	-	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	-
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-
SINGAPORE JET FUEL CALEND	N2	0	0	-	0	-

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**NYMEX/COMEX Exchange Open Interest Report - Monthly**

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<b>Energy Options</b>						
WTI-BRENT BULLET SWAP	BV	164,110	115,875	41.6%	146,780	11.8%
WTI CRUDE OIL 1 M CSO FI	7A	215,675	96,500	123.5%	252,875	-14.7%
<b>Metals Futures</b>						
COMEX GOLD	GC	560,059	786,422	-28.8%	541,982	3.3%
NYMEX HOT ROLLED STEEL	HR	24,392	14,858	64.2%	20,348	19.9%
NYMEX PLATINUM	PL	58,801	99,045	-40.6%	55,796	5.4%
PALLADIUM	PA	9,130	23,658	-61.4%	9,802	-6.9%
URANIUM	UX	303	2,410	-87.4%	303	0.0%
COMEX SILVER	SI	171,426	229,725	-25.4%	152,747	12.2%
COMEX E-Mini GOLD	QO	2,762	2,670	3.4%	2,643	4.5%
COMEX E-Mini SILVER	QI	723	373	93.8%	608	18.9%
COMEX COPPER	HG	247,597	266,891	-7.2%	237,890	4.1%
COMEX MINY COPPER	QC	224	122	83.6%	262	-14.5%
ALUMINUM	A38	0	8	-100.0%	0	-
ALUMINUM	AEP	11,150	16,081	-30.7%	11,468	-2.8%
ALUMINUM	ALA	750	820	-8.5%	863	-13.1%
ALUMINUM	ALI	170	267	-36.3%	160	6.3%
ALUMINUM	AUP	31,309	27,985	11.9%	33,892	-7.6%
ALUMINUM	CUP	0	300	-100.0%	0	-
ALUMINUM	EDP	11,077	12,754	-13.1%	11,738	-5.6%
ALUMINUM	MJP	3,605	4,420	-18.4%	3,830	-5.9%
COBALT METAL FUTURES	COB	3	0	-	0	-
COPPER	HGS	17,066	11,356	50.3%	16,521	3.3%
FERROUS PRODUCTS	BUS	4,827	1,942	148.6%	3,729	29.4%
GOLD	4GC	2	0	-	10	-80.0%
GOLD	SGC	174	114	52.6%	217	-19.8%
GOLD	SGU	476	234	103.4%	403	18.1%
Gold Kilo	GCK	0	0	-	0	-
HOT ROLLED COIL STEEL FUTURES	EHR	1,026	0	-	842	21.9%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	0	4,565	-100.0%	0	-
IRON ORE CHINA	TIO	2,086	0	-	1,939	7.6%
LNDN ZINC	ZNC	0	0	-	0	-
METALS	HDG	155	0	-	5	3,000.0%
MICRO GOLD	MGC	35,333	25,779	37.1%	30,984	14.0%
SILVER	SIL	6,565	2,300	185.4%	4,601	42.7%
<b>Metals Options</b>						
ALUMINUM	ALO	20	0	-	40	-50.0%
COMEX COPPER	HX	16,089	26,511	-39.3%	13,577	18.5%
COMEX GOLD	OG	881,118	1,259,675	-30.1%	939,188	-6.2%
COMEX SILVER	SO	90,724	130,541	-30.5%	89,802	1.0%
COPPER	H1E	0	12	-100.0%	0	-
COPPER	H2E	0	10	-100.0%	0	-
COPPER	H3E	0	0	-	0	-
COPPER	H4E	0	0	-	0	-
COPPER	H5E	0	0	-	0	-
GOLD	OG1	0	14,554	-100.0%	11,588	-100.0%
GOLD	OG2	11,178	8,483	31.8%	4,514	147.6%
GOLD	OG3	3,016	3,829	-21.2%	1,537	96.2%
GOLD	OG4	902	456	97.8%	10	8,920.0%



## NYMEX/COMEX Exchange Open Interest Report - Monthly

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<b>Metals Options</b>					
GOLD	0	0	-	0	-
HOT ROLLED COIL STEEL CALL OPTION	0	150	-100.0%	0	-
HOT ROLLED COIL STEEL PUT OPTION	0	150	-100.0%	0	-
IRON ORE 62 CHINA TSI CALL OPTION	0	420	-100.0%	0	-
IRON ORE 62 CHINA TSI PUT OPTION	0	235	-100.0%	0	-
IRON ORE CHINA	1,720	0	-	2,040	-15.7%
NYMEX HOT ROLLED STEEL	1,275	0	-	975	30.8%
NYMEX PLATINUM	1,035	5,905	-82.5%	2,582	-59.9%
PALLADIUM	633	1,691	-62.6%	637	-0.6%
SILVER	0	1,886	-100.0%	819	-100.0%
SILVER	415	739	-43.8%	242	71.5%
SILVER	136	119	14.3%	70	94.3%
SILVER	12	0	-	0	0.0%
SILVER	0	0	-	0	-
<b>TOTAL FUTURES GROUP</b>					
Ag Products Futures	0	1	-100.0%	0	-
Energy Futures	7,786,914	9,110,203	-14.5%	7,875,079	-1.1%
Metals Futures	1,201,191	1,535,099	-21.8%	1,143,583	5.0%
<b>TOTAL FUTURES</b>	<b>8,988,105</b>	<b>10,645,303</b>	<b>-15.6%</b>	<b>9,018,662</b>	<b>-0.3%</b>
<b>TOTAL OPTIONS GROUP</b>					
Energy Options	5,369,068	5,156,325	4.1%	5,410,766	-0.8%
Metals Options	1,008,273	1,455,366	-30.7%	1,067,621	-5.6%
<b>TOTAL OPTIONS</b>	<b>6,377,341</b>	<b>6,611,691</b>	<b>-3.5%</b>	<b>6,478,387</b>	<b>-1.6%</b>
<b>TOTAL COMBINED</b>					
Ag Products	0	1	-100.0%	0	-
Energy	13,155,982	14,266,528	-7.8%	13,285,845	-1.0%
Metals	2,209,464	2,990,465	-26.1%	2,211,204	-0.1%
<b>GRAND TOTAL</b>	<b>15,365,446</b>	<b>17,256,994</b>	<b>-11.0%</b>	<b>15,497,049</b>	<b>-0.8%</b>

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