

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest MAR 2020	Open Interest MAR 2019	% CHG	Open Interest FEB 2020	% CHG
Ag Products Futures						
COCOA TAS	CJ	0	0	-	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	2	0	-	0	0.0%
SUGAR 11	YO	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	2,340,672	1,967,667	19.0%	2,209,193	6.0%
CRUDE OIL	WS	44	2,414	-98.2%	46	-4.3%
MINY WTI CRUDE OIL	QM	9,883	3,351	194.9%	6,100	62.0%
BRENT OIL LAST DAY	BZ	276,946	206,647	34.0%	280,408	-1.2%
HEATING OIL PHY	HO	353,331	375,201	-5.8%	407,585	-13.3%
HTG OIL	BH	80	128	-37.5%	90	-11.1%
MINY HTG OIL	QH	0	0	-	3	-100.0%
RBOB PHY	RB	362,987	411,923	-11.9%	377,933	-4.0%
MINY RBOB GAS	QU	0	0	0.0%	0	-
NATURAL GAS	HP	106,800	83,457	28.0%	100,174	6.6%
LTD NAT GAS	HH	271,880	378,825	-28.2%	281,306	-3.4%
MINY NATURAL GAS	QG	3,010	1,996	50.8%	3,886	-22.5%
PJM MONTHLY	JM	0	400	-100.0%	0	-
NATURAL GAS PHY	NG	1,224,791	1,171,386	4.6%	1,451,433	-15.6%
RBOB GAS	RT	56	64	-12.5%	63	-11.1%
3.5% FUEL OIL CID MED SWA	7D	10	50	-80.0%	20	-50.0%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	84	34	147.1%	84	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-
ALGONQUIN CITYGATES BASIS	B4	0	0	-	0	-
ANR OKLAHOMA	NE	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	10,399	34,289	-69.7%	9,816	5.9%
ARGUS PROPAN FAR EST INDE	7E	4,649	5,355	-13.2%	4,626	0.5%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,858	2,173	-14.5%	1,766	5.2%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	0	40	-100.0%	0	-
BRENT BALMO SWAP	J9	440	223	97.3%	150	193.3%
BRENT CALENDAR SWAP	CY	20,878	20,338	2.7%	21,248	-1.7%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	0	158	-100.0%	0	-
BRENT FINANCIAL FUTURES	MBC	50	60	-16.7%	180	-72.2%
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	0	-	0	-
CENTERPOINT BASIS SWAP	PW	0	906	-100.0%	0	-
CHICAGO ETHANOL SWAP	CU	34,003	45,855	-25.8%	41,635	-18.3%
CHICAGO ULSD PL VS HO SPR	5C	3,017	2,915	3.5%	2,826	6.8%
CHICAGO UNL GAS PL VS RBO	3C	310	590	-47.5%	165	87.9%
CIG BASIS	CI	0	5,034	-100.0%	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-
CIN HUB 5MW D AH O PK	K2	0	0	-	0	-
CIN HUB 5MW D AH PK	H5	147	1,385	-89.4%	169	-13.0%

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Energy Futures						
CIN HUB 5MW REAL TIME O P	H4	24,584	120,904	-79.7%	27,328	-10.0%
CIN HUB 5MW REAL TIME PK	H3	1,351	14,499	-90.7%	1,505	-10.2%
COAL SWAP	ACM	0	20	-100.0%	0	-
COLUMB GULF MAINLINE NG B	5Z	202	699	-71.1%	225	-10.2%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	1,512	1,544	-2.1%	1,636	-7.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	775	624	24.2%	993	-22.0%
CONWAY PROPANE 5 DECIMALS SWAP	8K	20,870	18,841	10.8%	17,149	21.7%
CRUDE OIL	LPS	10,750	22,925	-53.1%	12,900	-16.7%
CRUDE OIL OUTRIGHTS	42	1,297	56	2,216.1%	612	111.9%
CRUDE OIL OUTRIGHTS	CC5	745	720	3.5%	1,390	-46.4%
CRUDE OIL OUTRIGHTS	CPD	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	0	2,930	-100.0%	0	-
CRUDE OIL OUTRIGHTS	DAB	295	0	-	615	-52.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	-	330	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	253	-100.0%	0	0.0%
CRUDE OIL OUTRIGHTS	HTT	202,503	136,162	48.7%	163,624	23.8%
CRUDE OIL OUTRIGHTS	LSW	2,438	1,300	87.5%	2,229	9.4%
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	6,628	18,385	-63.9%	7,051	-6.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	462	3,170	-85.4%	458	0.9%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	400	0	-	180	122.2%
CRUDE OIL SPRDS	HIL	710	0	-	1,500	-52.7%
CRUDE OIL SPRDS	WTT	132,261	127,022	4.1%	130,642	1.2%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	1,440	4,896	-70.6%	1,800	-20.0%
DAILY PJM	IDO	15,960	31,688	-49.6%	17,605	-9.3%
DAILY PJM	NOC	480	2,736	-82.5%	600	-20.0%
DAILY PJM	PAP	270	270	0.0%	270	0.0%
DAILY PJM	PEO	4,560	2,520	81.0%	5,030	-9.3%
DAILY PJM	PNO	0	17,136	-100.0%	0	-
DAILY PJM	PNP	0	1,053	-100.0%	0	-
DAILY PJM	PWO	10,032	16,128	-37.8%	11,066	-9.3%
DAILY PJM	PWP	594	864	-31.2%	594	0.0%
DAILY PJM	WOR	3,648	16,992	-78.5%	5,400	-32.4%
DAILY PJM	ZAO	912	7,560	-87.9%	1,006	-9.3%
DAILY PJM	ZGO	24,232	33,592	-27.9%	29,811	-18.7%
DAILY PJM	ZJO	1,368	15,120	-91.0%	1,509	-9.3%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	500	2,225	-77.5%	550	-9.1%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	1,776	8,642	-79.4%	2,179	-18.5%
DUBAI CRUDE OIL BALMO	BI	300	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	6,354	17,433	-63.6%	659	864.2%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	14,664	1,668	779.1%	12,981	13.0%
EASTERN RAIL DELIVERY CSX	QX	0	0	-	0	-
EAST/WEST FUEL OIL SPREAD	EW	10	40	-75.0%	11	-9.1%
EIA FLAT TAX ONHWAY DIESE	A5	2,603	1,655	57.3%	2,338	11.3%

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Energy Futures						
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	430	940	-54.3%	470	-8.5%
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	7,808	17,216	-54.6%	8,560	-8.8%
ELECTRICITY OFF PEAK	4P	0	55,380	-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	0.0%	30	-100.0%
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	623	410	52.0%	718	-13.2%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	6,844	4,904	39.6%	7,820	-12.5%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	0	105	-100.0%	0	-
EURO 3.5% FUEL OIL SPREAD	FK	17	45	-62.2%	17	0.0%
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	75	20	275.0%	75	0.0%
EUROPE 1% FUEL OIL NWE CA	UF	1	244	-99.6%	2	-50.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	3	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	UI	10	147	-93.2%	27	-63.0%
EUROPE 3.5% FUEL OIL RDAM	UV	2,369	7,362	-67.8%	2,065	14.7%
EUROPEAN GASOIL (ICE)	7F	198	111	78.4%	229	-13.5%
EUROPEAN NAPHTHA BALMO	KZ	0	268	-100.0%	10	-100.0%
EUROPEAN NAPHTHA CRACK SPR	EN	6,693	12,982	-48.4%	5,655	18.4%
EUROPE DATED BRENT SWAP	UB	0	640	-100.0%	0	-
EUROPE JET KERO NWE CALSW	UJ	0	22	-100.0%	0	-
EUROPE NAPHTHA CALSWAP	UN	1,043	2,894	-64.0%	1,085	-3.9%
EURO PROPANE CIF ARA SWA	PS	2,696	2,124	26.9%	2,564	5.1%
FREIGHT MARKETS	ACB	840	0	-	855	-1.8%
FREIGHT MARKETS	BF1	0	0	-	5	-100.0%
FREIGHT MARKETS	BF2	135	0	-	50	170.0%
FREIGHT MARKETS	BF3	0	0	-	10	-100.0%
FREIGHT MARKETS	FLP	428	947	-54.8%	384	11.5%
FREIGHT MARKETS	FRC	155	345	-55.1%	235	-34.0%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	825	2,750	-70.0%	770	7.1%
FREIGHT MARKETS	TC6	0	0	-	0	-
FREIGHT MARKETS	TD3	0	70	-100.0%	0	-
FREIGHT MARKETS	TD8	0	50	-100.0%	0	-
FREIGHT MARKETS	USC	90	0	-	90	0.0%
FUEL OIL CRACK VS ICE	FO	5,421	7,384	-26.6%	5,788	-6.3%
FUEL OIL NWE CRACK VS ICE	FI	130	171	-24.0%	143	-9.1%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	346	1,023	-66.2%	371	-6.7%
GAS EURO-BOB OXY NWE BARGES	7H	3,373	6,019	-44.0%	2,735	23.3%

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GAS EURO-BOB OXY NWE BARGES CRK	7K	17,162	29,201	-41.2%	16,787	2.2%
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	0	15	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	30	21	42.9%	35	-14.3%
GASOIL 10PPM VS ICE SWAP	TP	0	27	-100.0%	0	-
GASOIL CALENDAR SWAP	GX	106	48	120.8%	71	49.3%
GASOIL CRACK SPREAD CALEN	GZ	8,206	13,109	-37.4%	8,850	-7.3%
GASOIL MINI CALENDAR SWAP	QA	1,377	927	48.5%	1,700	-19.0%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	2,037	443	359.8%	2,075	-1.8%
GROUP THREE ULSD (PLATTS)	A7	0	45	-100.0%	0	-
GROUP THREE UNLEAD GAS (P	A9	50	25	100.0%	100	-50.0%
GRP THREE ULSD(PLT)VS HEA	A6	8,882	7,141	24.4%	7,904	12.4%
GRP THREE UNL GS (PLT) VS	A8	4,493	4,344	3.4%	4,803	-6.5%
GULF COAST 3% FUEL OIL BA	VZ	180	1,099	-83.6%	945	-81.0%
GULF COAST JET FUEL CLNDR	GE	525	793	-33.8%	375	40.0%
GULF COAST JET VS NYM 2 H	ME	24,822	31,722	-21.8%	23,425	6.0%
GULF COAST NO.6 FUEL OIL	MF	19,882	25,746	-22.8%	17,219	15.5%
GULF COAST NO.6 FUEL OIL	MG	694	1,468	-52.7%	1,092	-36.4%
GULF COAST ULSD CALENDAR	LY	1,971	1,816	8.5%	1,628	21.1%
GULF COAST ULSD CRACK SPR	GY	960	535	79.4%	780	23.1%
HEATING OIL BALMO CLNDR S	1G	300	0	-	15	1,900.0%
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	4,280	10,058	-57.4%	0	-
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-
HENRY HUB FINANCIAL LAST	TTE	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	IN	5,992	10,058	-40.4%	1,712	250.0%
HENRY HUB SWAP	NN	724,455	1,001,083	-27.6%	733,483	-1.2%
HOUSTON SHIP CHANNEL BASI	NH	5,036	9,794	-48.6%	5,315	-5.2%
ICE BRENT DUBAI SWAP	DB	32,904	33,558	-1.9%	35,375	-7.0%
IN DELIVERY MONTH EUA	6T	0	0	-	0	-
INDIANA MISO	FAD	0	0	-	0	-
INDIANA MISO	FTD	672	3,600	-81.3%	840	-20.0%
INDIANA MISO	PDD	100	634	-84.2%	382	-73.8%
INDIANA MISO	PTD	49	455	-89.2%	49	0.0%
INDONESIAN COAL ICI4	ICI	549	822	-33.2%	515	6.6%
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	150	121	24.0%	0	-
JAPAN C&F NAPHTHA SWAP	JA	373	1,576	-76.3%	425	-12.2%
JAPAN NAPHTHA BALMO SWAP	E6	0	92	-100.0%	0	-
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-
JET CIF NWE VS ICE	JC	50	346	-85.5%	55	-9.1%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	2,027	2,690	-24.6%	2,205	-8.1%
JKM LNG Futures	JKM	4,425	5,226	-15.3%	4,843	-8.6%
LA CARB DIESEL (OPIS) SWA	KL	1,119	158	608.2%	605	85.0%
LA CARBOB GASOLINE(OPIS)S	JL	250	900	-72.2%	350	-28.6%
LA JET (OPIS) SWAP	JS	2,239	1,957	14.4%	2,418	-7.4%
LLS (ARGUS) CALENDAR SWAP	XA	230	459	-49.9%	248	-7.3%
LLS (ARGUS) VS WTI SWAP	WJ	7,111	24,728	-71.2%	7,776	-8.6%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-

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MARS (ARGUS) VS WTI SWAP	YX	850	5,790	-85.3%	3,000	-71.7%
MARS (ARGUS) VS WTI TRD M	YV	20,575	26,585	-22.6%	17,505	17.5%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	22,273	22,020	1.1%	21,075	5.7%
MCCLOSKEY RCH BAY COAL	MFF	2,084	3,552	-41.3%	2,166	-3.8%
MGF FUT	MGF	0	0	-	0	-
MGN1 SWAP FUT	MGN	330	335	-1.5%	285	15.8%
MICHIGAN BASIS	NF	856	1,678	-49.0%	980	-12.7%
MICHIGAN MISO	HMO	0	0	-	0	-
MICHIGAN MISO	HMW	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	45	44	2.3%	32	40.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	350	130	169.2%	320	9.4%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,246	3,078	-59.5%	1,349	-7.6%
MJC FUT	MJC	50	290	-82.8%	55	-9.1%
MNC FUT	MNC	2,371	6,710	-64.7%	2,645	-10.4%
MONT BELVIEU ETHANE 5 DECIMAL	C0	41,740	38,531	8.3%	43,886	-4.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	90	50	80.0%	25	260.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	140,195	128,913	8.8%	140,379	-0.1%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,320	2,020	14.9%	2,322	-0.1%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	40,402	16,733	141.5%	29,797	35.6%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	982	715	37.3%	1,139	-13.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	62,246	41,164	51.2%	60,906	2.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,233	1,400	-11.9%	792	55.7%
NAT GAS BASIS SWAP	TZ6	0	1,925	-100.0%	0	-
NATURAL GAS	XIC	0	0	-	0	-
NATURAL GAS PEN SWP	NP	138,202	130,899	5.6%	125,028	10.5%
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	276,443	384,769	-28.2%	289,323	-4.5%
NEPOOL INTR HUB 5MW D AH	U6	13,600	22,247	-38.9%	14,590	-6.8%
NEPOOL NE MASS 5MW D AH O	P8	0	11,808	-100.0%	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	639	-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	1,375	1,507	-8.8%	1,155	19.0%
NEW YORK ETHANOL SWAP	EZ	1,508	1,112	35.6%	1,968	-23.4%
NEW YORK HUB ZONE G PEAK	GN	1,353	1,221	10.8%	1,353	0.0%
NEW YORK HUB ZONE J PEAK	JN	264	1,155	-77.1%	264	0.0%
NGPL MID-CONTINENT	NL	520	11,680	-95.5%	1,140	-54.4%
NGPL TEX/OK	PD	120	19,891	-99.4%	740	-83.8%
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	475	-100.0%	225	-100.0%
NORTHEN NATURAL GAS DEMAR	PE	0	428	-100.0%	0	-
NORTHEN NATURAL GAS VENTU	PF	0	1,284	-100.0%	0	-
NORTHWEST ROCKIES BASIS S	NR	550	12,709	-95.7%	674	-18.4%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	1,401	2,075	-32.5%	1,226	14.3%
NY 3.0% FUEL OIL (PLATTS	H1	0	300	-100.0%	0	-
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	14,287	8,761	63.1%	11,009	29.8%

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Energy Futures						
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	790	915	-13.7%	815	-3.1%
NY HARBOR RESIDUAL FUEL 1	MM	2,713	1,164	133.1%	2,321	16.9%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	3,701	3,278	12.9%	2,776	33.3%
NYISO CAPACITY	LHV	211	796	-73.5%	234	-9.8%
NYISO CAPACITY	NNC	0	215	-100.0%	0	-
NYISO CAPACITY	NRS	7	289	-97.6%	14	-50.0%
NYISO J	KJ	0	0	-	0	-
NYISO J OFF-PEAK	KK	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	K4	6,290	15,666	-59.8%	7,026	-10.5%
NYISO ZONE A 5MW D AH PK	K3	0	2,040	-100.0%	0	-
NYISO ZONE G 5MW D AH O P	D2	232,130	452,578	-48.7%	253,106	-8.3%
NYISO ZONE G 5MW D AH PK	T3	15,211	17,712	-14.1%	16,333	-6.9%
NYISO ZONE J 5MW D AH O P	D4	9,435	108,846	-91.3%	10,539	-10.5%
NYISO ZONE J 5MW D AH PK	D3	1,368	9,076	-84.9%	1,544	-11.4%
NYMEX ALUMINUM FUTURES	AN	0	825	-100.0%	0	-
NYMEX ULSD VS NYMEX HO	UY	300	1,450	-79.3%	300	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	1,459	271	438.4%	1,273	14.6%
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	1,129	4,123	-72.6%	1,191	-5.2%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-
PERMIAN BASIS SWAP	PM	2,475	4,272	-42.1%	2,754	-10.1%
PETROCHEMICALS	22	149	57	161.4%	154	-3.2%
PETROCHEMICALS	32	80	177	-54.8%	137	-41.6%
PETROCHEMICALS	3NA	6	20	-70.0%	3	100.0%
PETROCHEMICALS	51	5	0	-	5	0.0%
PETROCHEMICALS	81	60	0	-	60	0.0%
PETROCHEMICALS	8I	6,223	4,622	34.6%	6,365	-2.2%
PETROCHEMICALS	91	770	876	-12.1%	806	-4.5%
PETROCHEMICALS	MAA	15	0	-	0	-
PETROCHEMICALS	MAE	1,528	577	164.8%	1,594	-4.1%
PETROCHEMICALS	MAS	696	260	167.7%	419	66.1%
PETROCHEMICALS	MBE	340	335	1.5%	320	6.3%
PETROCHEMICALS	MNB	1,190	1,736	-31.5%	1,180	0.8%
PETROCHEMICALS	MPS	652	315	107.0%	684	-4.7%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STR	200	690	-71.0%	220	-9.1%
PETRO CRCKS & SPRDS ASIA	STS	200	128	56.3%	200	0.0%
PETRO CRCKS & SPRDS NA	CRB	16,080	7,645	110.3%	12,745	26.2%
PETRO CRCKS & SPRDS NA	EXR	2,176	4,468	-51.3%	2,476	-12.1%
PETRO CRCKS & SPRDS NA	FOC	600	920	-34.8%	660	-9.1%
PETRO CRCKS & SPRDS NA	GBB	200	900	-77.8%	275	-27.3%
PETRO CRCKS & SPRDS NA	GCC	210	190	10.5%	0	-
PETRO CRCKS & SPRDS NA	GCI	2,314	1,647	40.5%	2,184	6.0%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	7,675	16,167	-52.5%	8,916	-13.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	10,194	4,334	135.2%	9,906	2.9%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-

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Energy Futures						
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	13,139	12,097	8.6%	13,491	-2.6%
PETRO CRCKS & SPRDS NA	RVG	14,527	16,781	-13.4%	12,459	16.6%
PETRO CRCKS & SPRDS NA	SF3	38	296	-87.2%	48	-20.8%
PETRO CRK&SPRD EURO	1NB	1,825	3,484	-47.6%	1,620	12.7%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	0	0	-	0	-
PETRO CRK&SPRD EURO	BFR	0	60	-100.0%	0	-
PETRO CRK&SPRD EURO	BOB	2,440	3,092	-21.1%	2,681	-9.0%
PETRO CRK&SPRD EURO	EOB	35	35	0.0%	40	-12.5%
PETRO CRK&SPRD EURO	EPN	1,054	1,311	-19.6%	1,185	-11.1%
PETRO CRK&SPRD EURO	EVC	552	3,120	-82.3%	633	-12.8%
PETRO CRK&SPRD EURO	FBT	0	60	-100.0%	0	-
PETRO CRK&SPRD EURO	FVB	20	30	-33.3%	25	-20.0%
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-
PETRO CRK&SPRD EURO	GOC	10	22	-54.5%	11	-9.1%
PETRO CRK&SPRD EURO	MGB	30	60	-50.0%	30	0.0%
PETRO CRK&SPRD EURO	MUD	160	10	1,500.0%	120	33.3%
PETRO CRK&SPRD EURO	NBB	0	5	-100.0%	5	-100.0%
PETRO CRK&SPRD EURO	NOB	921	2,580	-64.3%	943	-2.3%
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-
PETROLEUM PRODUCTS	1NM	155	70	121.4%	230	-32.6%
PETROLEUM PRODUCTS	EWG	2,320	5,292	-56.2%	3,240	-28.4%
PETROLEUM PRODUCTS	H5F	5,972	0	-	5,670	5.3%
PETROLEUM PRODUCTS	JCC	975	0	-	750	30.0%
PETROLEUM PRODUCTS	MME	0	0	-	50	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	NCC	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	2	-100.0%
PETROLEUM PRODUCTS	R5F	36	0	-	29	24.1%
PETROLEUM PRODUCTS	S53	62	0	-	64	-3.1%
PETROLEUM PRODUCTS	UP5	1,020	0	-	1,119	-8.8%
PETROLEUM PRODUCTS	VU	187	0	-	150	24.7%
PETROLEUM PRODUCTS ASIA	E6M	0	10	-100.0%	30	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	935	2,026	-53.8%	788	18.7%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-
PETRO OUTRIGHT EURO	0B	163	0	-	129	26.4%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	1,053	3,526	-70.1%	1,115	-5.6%
PETRO OUTRIGHT EURO	0E	0	0	-	0	-
PETRO OUTRIGHT EURO	0F	112	882	-87.3%	313	-64.2%
PETRO OUTRIGHT EURO	1T	0	22	-100.0%	0	-
PETRO OUTRIGHT EURO	33	0	0	-	0	-
PETRO OUTRIGHT EURO	5L	0	71	-100.0%	24	-100.0%
PETRO OUTRIGHT EURO	63	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	0	175	-100.0%	45	-100.0%
PETRO OUTRIGHT EURO	7R	21	108	-80.6%	39	-46.2%
PETRO OUTRIGHT EURO	88	0	0	-	0	-
PETRO OUTRIGHT EURO	CBB	0	0	-	5	-100.0%
PETRO OUTRIGHT EURO	CGB	7	0	-	0	-
PETRO OUTRIGHT EURO	CPB	100	196	-49.0%	130	-23.1%
PETRO OUTRIGHT EURO	EFF	0	20	-100.0%	10	-100.0%

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Energy Futures						
PETRO OUTRIGHT EURO	EFM	0	22	-100.0%	0	-
PETRO OUTRIGHT EURO	ENS	30	20	50.0%	33	-9.1%
PETRO OUTRIGHT EURO	EWN	107	1,273	-91.6%	61	75.4%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTRIGHT EURO	GES	0	0	-	0	-
PETRO OUTRIGHT EURO	GNO	0	0	-	10	-100.0%
PETRO OUTRIGHT EURO	H5G	997	0	-	1,178	-15.4%
PETRO OUTRIGHT EURO	M1B	1,377	0	-	1,733	-20.5%
PETRO OUTRIGHT EURO	M35	0	0	-	0	-
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTRIGHT EURO	MBN	2,023	2,164	-6.5%	1,821	11.1%
PETRO OUTRIGHT EURO	MEF	112	1,177	-90.5%	33	239.4%
PETRO OUTRIGHT EURO	R53	62	12	416.7%	70	-11.4%
PETRO OUTRIGHT EURO	R5B	10	0	-	0	-
PETRO OUTRIGHT EURO	R5M	1,164	0	-	1,055	10.3%
PETRO OUTRIGHT EURO	R5O	1,854	30	6,080.0%	1,993	-7.0%
PETRO OUTRIGHT EURO	RBM	11	0	-	5	120.0%
PETRO OUTRIGHT EURO	S5F	223	0	-	184	21.2%
PETRO OUTRIGHT EURO	S5M	3,135	37	8,373.0%	2,010	56.0%
PETRO OUTRIGHT EURO	S5O	766	0	-	666	15.0%
PETRO OUTRIGHT EURO	SMU	100	125	-20.0%	110	-9.1%
PETRO OUTRIGHT EURO	T0	0	9	-100.0%	0	-
PETRO OUTRIGHT EURO	T2B	0	0	-	0	-
PETRO OUTRIGHT EURO	TMB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	300	-100.0%
PETRO OUTRIGHT EURO	V0	0	0	-	0	-
PETRO OUTRIGHT EURO	X0	0	0	-	0	-
PETRO OUTRIGHT NA	DBB	75	0	-	0	-
PETRO OUTRIGHT NA	FCB	0	0	-	0	-
PETRO OUTRIGHT NA	FOM	0	0	-	0	-
PETRO OUTRIGHT NA	H5B	1,229	0	-	120	924.2%
PETRO OUTRIGHT NA	JE	540	28	1,828.6%	60	800.0%
PETRO OUTRIGHT NA	JET	675	2,675	-74.8%	950	-28.9%
PETRO OUTRIGHT NA	JTB	25	800	-96.9%	365	-93.2%
PETRO OUTRIGHT NA	MBL	183	5	3,560.0%	229	-20.1%
PETRO OUTRIGHT NA	MEN	90	292	-69.2%	185	-51.4%
PETRO OUTRIGHT NA	MEO	1,392	3,511	-60.4%	1,692	-17.7%
PETRO OUTRIGHT NA	MFD	187	0	-	204	-8.3%
PETRO OUTRIGHT NA	MMF	70	93	-24.7%	70	0.0%
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	99,415	188,758	-47.3%	105,280	-5.6%
PJM AD HUB 5MW REAL TIME	Z9	10,661	16,843	-36.7%	11,585	-8.0%
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	256	870	-70.6%	256	0.0%
PJM DAYTON DA OFF-PEAK	R7	31,450	62,525	-49.7%	35,130	-10.5%
PJM DAYTON DA PEAK	D7	1,710	4,270	-60.0%	1,930	-11.4%
PJM NI HUB 5MW REAL TIME	B3	3,525	7,788	-54.7%	3,635	-3.0%

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Energy Futures						
PJM NI HUB 5MW REAL TIME	B6	64,205	67,051	-4.2%	66,160	-3.0%
PJM NILL DA OFF-PEAK	L3	0	107,474	-100.0%	0	-
PJM NILL DA PEAK	N3	0	6,630	-100.0%	0	-
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	2,960	-100.0%	0	-
PJM PSEG DA OFF-PEAK	W6	0	80,895	-100.0%	0	-
PJM PSEG DA PEAK	L6	0	4,025	-100.0%	0	-
PJM WESTH DA OFF-PEAK	E4	14,770	149,516	-90.1%	22,866	-35.4%
PJM WESTHDA PEAK	J4	742	8,074	-90.8%	1,226	-39.5%
PJM WESTH RT OFF-PEAK	N9	402,001	779,914	-48.5%	416,859	-3.6%
PJM WESTH RT PEAK	L1	57,814	118,792	-51.3%	60,630	-4.6%
PLASTICS	PGP	4,634	3,635	27.5%	3,864	19.9%
PREMIUM UNLD 10P FOB MED	3G	63	534	-88.2%	42	50.0%
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	30	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,329	1,069	24.3%	1,708	-22.2%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	60,479	64,203	-5.8%	62,200	-2.8%
RBOB CALENDAR SWAP	RL	9,172	12,415	-26.1%	10,509	-12.7%
RBOB CRACK SPREAD	RM	3,655	3,915	-6.6%	3,900	-6.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	610	511	19.4%	570	7.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	1,375	75	1,733.3%	175	685.7%
SAN JUAN BASIS SWAP	NJ	428	7,172	-94.0%	428	0.0%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	17	-100.0%	4	-100.0%
SINGAPORE 380CST BALMO	BT	0	90	-100.0%	26	-100.0%
SINGAPORE 380CST FUEL OIL	SE	1,091	5,975	-81.7%	1,095	-0.4%
SINGAPORE FUEL 180CST CAL	UA	39	529	-92.6%	63	-38.1%
SINGAPORE FUEL OIL SPREAD	SD	150	239	-37.2%	190	-21.1%
SINGAPORE GASOIL	MAF	363	4,529	-92.0%	301	20.6%
SINGAPORE GASOIL	MTB	0	23	-100.0%	32	-100.0%
SINGAPORE GASOIL	MTS	1,175	6,298	-81.3%	1,180	-0.4%
SINGAPORE GASOIL	SBM	20	0	-	15	33.3%
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	3	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	7	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	MSG	1,633	374	336.6%	2,228	-26.7%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-
SINGAPORE GASOIL SWAP	SG	2,211	1,696	30.4%	2,546	-13.2%
SINGAPORE GASOIL VS ICE	GA	5,019	21,373	-76.5%	5,409	-7.2%
SINGAPORE JET KERO BALMO	BX	92	0	-	253	-63.6%
SINGAPORE JET KERO GASOIL	RK	0	6,505	-100.0%	0	-
SINGAPORE JET KEROSENE SW	KS	2,533	1,730	46.4%	3,161	-19.9%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	375	-100.0%	25	-100.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	11,868	20,257	-41.4%	8,780	35.2%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-
SING FUEL	MSD	0	0	-	0	-

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Energy Futures						
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	0	-
Sumas Basis Swap	NK	0	1,677	-100.0%	155	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	195	500	-61.0%	210	-7.1%
TC5 RAS TANURA TO YOKOHAM	TH	1,030	1,415	-27.2%	1,235	-16.6%
TCO BASIS SWAP	TC	856	4,032	-78.8%	980	-12.7%
TD3 MEG TO JAPAN 250K MT	TL	10,191	12,906	-21.0%	9,464	7.7%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-
Tetco STX Basis	TX	0	0	-	0	-
TEXAS EASTERN ZONE M-3 BA	NX	550	1,464	-62.4%	674	-18.4%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-
Transco Zone 3 Basis	CZ	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	1,146	2,754	-58.4%	1,276	-10.2%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-
UCM FUT	UCM	0	20	-100.0%	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	310	245	26.5%	416	-25.5%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	6,935	5,845	18.6%	7,515	-7.7%
UP DOWN GC ULSD VS NMX HO	LT	51,788	42,411	22.1%	43,680	18.6%
WAHA BASIS	NW	489	1,968	-75.2%	556	-12.1%
WESTERN RAIL DELIVERY PRB	QP	0	0	-	0	-
WTI-BRENT BULLET SWAP	BY	419	4,179	-90.0%	436	-3.9%
WTI-BRENT CALENDAR SWAP	BK	144,026	140,667	2.4%	162,544	-11.4%
WTI CALENDAR	CS	185,124	167,832	10.3%	172,247	7.5%
WTI MIDLAND CRUDE OIL	WTL	300	0	-	300	0.0%
WTS (ARGUS) VS WTI SWAP	FF	80,047	52,646	52.0%	78,109	2.5%
WTS (ARGUS) VS WTI TRD MT	FH	6,755	5,486	23.1%	5,489	23.1%
Energy Options						
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	5,520	6,732	-18.0%	6,478	-14.8%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	9C	21,300	24,800	-14.1%	18,400	15.8%
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-
BRENT OIL LAST DAY	BE	39,570	96,010	-58.8%	14,570	171.6%
BRENT OIL LAST DAY	BZO	123,253	166,876	-26.1%	102,900	19.8%
BRENT OIL LAST DAY	OS	0	50	-100.0%	0	-
COAL API2 INDEX	CLA	0	195	-100.0%	0	-
COAL API2 INDEX	CQA	0	350	-100.0%	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	0	150	-100.0%	0	-
CRUDE OIL 1MO	WA	604,213	526,054	14.9%	417,100	44.9%
CRUDE OIL APO	AO	410,876	349,364	17.6%	369,671	11.1%
CRUDE OIL CALNDR STRIP	6F	0	200	-100.0%	0	-
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	0	590	-100.0%	0	-
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	38,790	45,164	-14.1%	37,481	3.5%
CRUDE OIL PHY	LO	2,725,326	2,530,997	7.7%	2,099,678	29.8%
CRUDE OIL PHY	LO1	5,175	2,703	91.5%	11,571	-55.3%
CRUDE OIL PHY	LO2	430	370	16.2%	2,875	-85.0%

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	Commodity	Open Interest MAR 2020	Open Interest MAR 2019	% CHG	Open Interest FEB 2020	% CHG
Energy Options						
CRUDE OIL PHY	LO3	101	76	32.9%	365	-72.3%
CRUDE OIL PHY	LO4	12	0	-	0	0.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	-
ETHANOL	CE1	0	0	-	0	-
ETHANOL	CE3	0	0	-	0	-
ETHANOL SWAP	CVR	7,035	11,835	-40.6%	6,180	13.8%
ETHANOL SWAP	GVR	720	2,140	-66.4%	720	0.0%
FREIGHT MARKETS	TDT	0	0	-	0	-
HEATING OIL PHY	LB	520	734	-29.2%	738	-29.5%
HEATING OIL PHY	OH	28,768	50,444	-43.0%	27,674	4.0%
HENRY HUB FINANCIAL LAST	E7	20,863	11,404	82.9%	19,596	6.5%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-
LLS CRUDE OIL	WJO	0	0	-	0	-
LLS CRUDE OIL	YVO	0	0	-	0	-
MCCLOSKY ARA ARGS COAL	MTO	1,350	130	938.5%	1,650	-18.2%
MCCLOSKY RCH BAY COAL	MFO	0	220	-100.0%	150	-100.0%
NATURAL GAS 1 M CSO FIN	G4	53,300	4,300	1,139.5%	47,750	11.6%
NATURAL GAS 2 M CSO FIN	G2	3,500	500	600.0%	3,000	16.7%
NATURAL GAS 3 M CSO FIN	G3	68,750	4,150	1,556.6%	72,825	-5.6%
NATURAL GAS 5 M CSO FIN	G5	4,000	0	-	1,000	300.0%
NATURAL GAS 6 M CSO FIN	G6	0	0	-	71,800	-100.0%
NATURAL GAS OPT	TFO	2,500	0	-	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	16,864	10,084	67.2%	15,864	6.3%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,440,541	1,397,188	74.7%	2,211,350	10.4%
NATURAL GAS PHY	ON	77,861	52,724	47.7%	77,902	-0.1%
NATURAL GAS WINTER STRIP	6I	600	0	-	600	0.0%
N ROCKIES PIPE SWAP	ZR	0	546	-100.0%	0	-
NY HARBOR HEAT OIL SWP	AT	13,970	12,295	13.6%	13,113	6.5%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-
PETROCHEMICALS	4H	285	2,778	-89.7%	372	-23.4%
PETROCHEMICALS	4J	30	750	-96.0%	30	0.0%
PETROCHEMICALS	4K	0	0	-	0	-
PETROCHEMICALS	CPR	126	0	-	5	2,420.0%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	26	24	8.3%	28	-7.1%
PETRO OUTRIGHT NA	DAP	1,180	700	68.6%	985	19.8%
PJM WES HUB PEAK CAL MTH	6OA	1,540	780	97.4%	1,360	13.2%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	512	1,567	-67.3%	512	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	140	235	-40.4%	185	-24.3%
RBOB CRACK	RX	0	0	-	0	-
RBOB PHY	OB	9,472	16,838	-43.7%	6,516	45.4%
RBOB PHY	RF	153	142	7.7%	3	5,000.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-
SAN JUAN PIPE SWAP	PJ	0	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	-

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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	100	0	-	0	-
SHORT TERM NATURAL GAS	U02	0	0	-	100	-100.0%
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	0.0%
SHORT TERM NATURAL GAS	U28	0	0	-	0	0.0%
SHORT TERM NATURAL GAS	U29	0	0	-	0	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-
SINGAPORE JET FUEL CALENDAR	N2	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	227,685	145,520	56.5%	227,275	0.2%
WTI CRUDE OIL 1 M CSO FI	7A	223,425	125,750	77.7%	211,400	5.7%
Metals Futures						
COMEX GOLD	GC	495,652	448,609	10.5%	698,203	-29.0%
NYMEX HOT ROLLED STEEL	HR	23,024	17,003	35.4%	18,366	25.4%
NYMEX PLATINUM	PL	54,148	68,155	-20.6%	85,952	-37.0%
PALLADIUM	PA	7,655	23,754	-67.8%	14,110	-45.7%
URANIUM	UX	805	3,601	-77.6%	1,808	-55.5%
COMEX SILVER	SI	139,256	196,044	-29.0%	200,883	-30.7%
COMEX E-Mini GOLD	QO	1,767	775	128.0%	3,476	-49.2%
COMEX E-Mini SILVER	QI	560	171	227.5%	385	45.5%
COMEX COPPER	HG	182,253	249,843	-27.1%	247,105	-26.2%
COMEX MINY COPPER	QC	109	209	-47.8%	127	-14.2%
ALUMINUM	A38	0	106	-100.0%	0	-
ALUMINUM	AEP	13,937	12,110	15.1%	16,663	-16.4%
ALUMINUM	ALA	870	495	75.8%	840	3.6%
ALUMINUM	ALI	359	0	-	352	2.0%
ALUMINUM	AUP	29,724	27,967	6.3%	29,468	0.9%
ALUMINUM	CUP	150	0	-	250	-40.0%
ALUMINUM	EDP	12,205	11,023	10.7%	12,214	-0.1%
ALUMINUM	MJP	5,920	6,855	-13.6%	4,835	22.4%
COPPER	HGS	10,766	12,724	-15.4%	11,857	-9.2%

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Metals Futures						
FERROUS PRODUCTS	BUS	2,894	3,389	-14.6%	1,724	67.9%
GOLD	SGC	101	0	-	118	-14.4%
GOLD	SGU	114	0	-	226	-49.6%
Gold Kilo	GCK	0	0	-	0	-
HOT ROLLED COIL STEEL FUTURES	EHR	50	0	-	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	4,694	10,174	-53.9%	4,943	-5.0%
LNDN ZINC	ZNC	0	0	-	0	-
MICRO GOLD	MGC	25,287	11,592	118.1%	31,287	-19.2%
SILVER	SIL	3,187	1,507	111.5%	2,796	14.0%
Metals Options						
ALUMINUM	ALO	150	0	-	150	0.0%
COMEX COPPER	HX	49,305	48,982	0.7%	59,253	-16.8%
COMEX GOLD	OG	1,576,120	1,257,048	25.4%	1,582,732	-0.4%
COMEX SILVER	SO	159,573	230,726	-30.8%	141,371	12.9%
COPPER	H1E	0	10	-100.0%	37	-100.0%
COPPER	H2E	0	0	-	11	-100.0%
COPPER	H3E	0	0	-	15	-100.0%
COPPER	H4E	0	0	-	0	0.0%
COPPER	H5E	0	0	0.0%	0	-
GOLD	OG1	11,708	11,396	2.7%	20,934	-44.1%
GOLD	OG2	5,531	6,704	-17.5%	10,564	-47.6%
GOLD	OG3	1,854	902	105.5%	8,234	-77.5%
GOLD	OG4	288	0	-	0	0.0%
GOLD	OG5	0	0	0.0%	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	225	750	-70.0%	225	0.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	150	0	-	150	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	1,340	3,340	-59.9%	310	332.3%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	4,990	1,850	169.7%	3,970	25.7%
NYMEX PLATINUM	PO	9,995	4,557	119.3%	11,783	-15.2%
PALLADIUM	PAO	2,657	1,902	39.7%	3,157	-15.8%
SILVER	SO1	474	515	-8.0%	2,749	-82.8%
SILVER	SO2	128	305	-58.0%	697	-81.6%
SILVER	SO3	85	39	117.9%	544	-84.4%
SILVER	SO4	0	0	-	0	0.0%
SILVER	SO5	0	0	0.0%	0	-
TOTAL FUTURES GROUP						
Ag Products Futures		2	0	-	0	0.0%
Energy Futures		8,915,657	10,594,548	-15.8%	9,098,649	-2.0%
Metals Futures		1,015,487	1,106,106	-8.2%	1,387,988	-26.8%
TOTAL FUTURES		9,931,146	11,700,654	-15.1%	10,486,637	-5.3%



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TOTAL OPTIONS GROUP					
Energy Options	7,180,382	5,604,459	28.1%	6,101,772	17.7%
Metals Options	1,824,573	1,569,026	16.3%	1,846,886	-1.2%
TOTAL OPTIONS	9,004,955	7,173,485	25.5%	7,948,658	13.3%
TOTAL COMBINED					
Ag Products	2	0	-	0	0.0%
Energy	16,096,039	16,199,007	-0.6%	15,200,421	5.9%
Metals	2,840,060	2,675,132	6.2%	3,234,874	-12.2%
GRAND TOTAL	18,936,101	18,874,139	0.3%	18,435,295	2.7%