

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest SEP 2020	Open Interest SEP 2019	% CHG	Open Interest AUG 2020	% CHG
Ag Products Futures						
COCOA TAS	CJ	0	0	-	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	1	3	-66.7%	3	-66.7%
SUGAR 11	YO	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	2,078,629	2,071,478	0.3%	2,061,302	0.8%
CRUDE OIL	WS	86	286	-69.9%	36	138.9%
MINY WTI CRUDE OIL	QM	2,466	5,553	-55.6%	2,843	-13.3%
BRENT OIL LAST DAY	BZ	200,119	231,023	-13.4%	213,806	-6.4%
HEATING OIL PHY	HO	425,022	404,784	5.0%	384,672	10.5%
HTG OIL	BH	128	146	-12.3%	138	-7.2%
MINY HTG OIL	QH	0	0	-	1	-100.0%
RBOB PHY	RB	358,508	336,809	6.4%	352,803	1.6%
MINY RBOB GAS	QU	0	0	0.0%	1	-100.0%
NATURAL GAS	HP	113,395	87,874	29.0%	119,013	-4.7%
LTD NAT GAS	HH	328,589	305,810	7.4%	314,216	4.6%
MINY NATURAL GAS	QG	3,972	3,961	0.3%	5,662	-29.8%
PJM MONTHLY	JM	0	160	-100.0%	0	-
NATURAL GAS PHY	NG	1,271,456	1,148,234	10.7%	1,255,765	1.2%
RBOB GAS	RT	86	88	-2.3%	93	-7.5%
3.5% FUEL OIL CID MED SWA	7D	0	35	-100.0%	0	-
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	84	38	121.1%	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	8,008	19,005	-57.9%	10,074	-20.5%
ARGUS PROPAN FAR EST INDE	7E	4,972	5,500	-9.6%	4,771	4.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,095	2,079	0.8%	2,072	1.1%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	0	16	-100.0%	0	-
BRENT BALMO SWAP	J9	76	448	-83.0%	0	-
BRENT CALENDAR SWAP	CY	12,359	24,505	-49.6%	12,838	-3.7%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	0	158	-100.0%	0	-
BRENT FINANCIAL FUTURES	MBC	20	517	-96.1%	25	-20.0%
BRENT FINANCIAL FUTURES	MDB	110	0	-	120	-8.3%
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	249	-100.0%	0	-
CHICAGO ETHANOL SWAP	CU	28,170	44,474	-36.7%	25,395	10.9%
CHICAGO ULSD PL VS HO SPR	5C	1,925	2,921	-34.1%	2,279	-15.5%
CHICAGO UNL GAS PL VS RBO	3C	195	300	-35.0%	465	-58.1%
CIG BASIS	CI	0	1,668	-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	0	634	-100.0%	44	-100.0%

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Energy Futures						
CIN HUB 5MW REAL TIME O P	H4	8,288	62,304	-86.7%	10,976	-24.5%
CIN HUB 5MW REAL TIME PK	H3	448	5,959	-92.5%	595	-24.7%
COAL SWAP	ACM	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	66	736	-91.0%	88	-25.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	910	1,562	-41.7%	1,043	-12.8%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,817	1,502	21.0%	1,802	0.8%
CONWAY PROPANE 5 DECIMALS SWAP	8K	27,023	25,110	7.6%	25,223	7.1%
CRUDE OIL	LPS	3,050	20,135	-84.9%	4,200	-27.4%
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	236	514	-54.1%	138	71.0%
CRUDE OIL OUTRIGHTS	CC5	1,245	1,568	-20.6%	1,080	15.3%
CRUDE OIL OUTRIGHTS	CPD	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	105	1,121	-90.6%	0	-
CRUDE OIL OUTRIGHTS	DAB	60	0	-	0	-
CRUDE OIL OUTRIGHTS	DBL	0	400	-100.0%	0	-
CRUDE OIL OUTRIGHTS	GSW	2,400	115	1,987.0%	810	196.3%
CRUDE OIL OUTRIGHTS	HTT	149,333	148,379	0.6%	160,177	-6.8%
CRUDE OIL OUTRIGHTS	LSW	2,253	924	143.8%	2,133	5.6%
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	5,022	9,181	-45.3%	4,963	1.2%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	300	652	-54.0%	336	-10.7%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	480	0	-	480	0.0%
CRUDE OIL SPRDS	HIL	21,560	720	2,894.4%	18,550	16.2%
CRUDE OIL SPRDS	WTT	86,950	130,135	-33.2%	93,484	-7.0%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	1,440	2,112	-31.8%	1,440	0.0%
DAILY PJM	IDO	16,800	15,312	9.7%	16,520	1.7%
DAILY PJM	NOC	480	1,824	-73.7%	480	0.0%
DAILY PJM	PAP	270	280	-3.6%	260	3.8%
DAILY PJM	PEO	4,800	2,320	106.9%	4,720	1.7%
DAILY PJM	PNO	0	15,776	-100.0%	0	-
DAILY PJM	PNP	0	1,092	-100.0%	0	-
DAILY PJM	PWO	960	14,848	-93.5%	944	1.7%
DAILY PJM	PWP	54	896	-94.0%	52	3.8%
DAILY PJM	WOR	2,400	4,992	-51.9%	2,400	0.0%
DAILY PJM	ZAO	960	928	3.4%	944	1.7%
DAILY PJM	ZGO	27,360	24,592	11.3%	26,904	1.7%
DAILY PJM	ZJO	1,440	13,920	-89.7%	1,416	1.7%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	200	895	-77.7%	250	-20.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	678	4,982	-86.4%	858	-21.0%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	100	1,639	-93.9%	100	0.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	24,019	4,068	490.4%	24,742	-2.9%
EASTERN RAIL DELIVERY CSX	QX	0	0	-	0	-

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Energy Futures						
EAST/WEST FUEL OIL SPREAD	EW	4	19	-78.9%	5	-20.0%
EIA FLAT TAX ONHWAY DIESE	A5	3,896	1,688	130.8%	3,937	-1.0%
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	170	682	-75.1%	212	-19.8%
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	3,138	12,514	-74.9%	3,954	-20.6%
ELECTRICITY OFF PEAK	4P	0	31,700	-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	-
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	475	400	18.8%	615	-22.8%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	6,491	5,152	26.0%	5,580	16.3%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	0	156	-100.0%	0	-
EURO 3.5% FUEL OIL SPREAD	FK	0	17	-100.0%	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	0	0	-	0	-
EUROPE 1% FUEL OIL NWE CA	UF	0	333	-100.0%	0	-
EUROPE 1% FUEL OIL RDAM C	UH	0	3	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	48	-100.0%	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	946	4,777	-80.2%	1,108	-14.6%
EUROPEAN GASOIL (ICE)	7F	95	122	-22.1%	104	-8.7%
EUROPEAN NAPHTHA BALMO	KZ	0	55	-100.0%	3	-100.0%
EUROPEAN NAPHTHA CRACK SPR	EN	3,353	8,853	-62.1%	3,775	-11.2%
EUROPE DATED BRENT SWAP	UB	34	75	-54.7%	35	-2.9%
EUROPE JET KERO NWE CALSW	UJ	0	15	-100.0%	0	-
EUROPE NAPHTHA CALSWAP	UN	907	1,768	-48.7%	917	-1.1%
EURO PROPANE CIF ARA SWA	PS	2,696	2,618	3.0%	2,443	10.4%
FREIGHT MARKETS	ACB	320	420	-23.8%	385	-16.9%
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	270	0	-	253	6.7%
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	FLP	873	829	5.3%	910	-4.1%
FREIGHT MARKETS	FRC	40	570	-93.0%	50	-20.0%
FREIGHT MARKETS	FRS	0	10	-100.0%	0	-
FREIGHT MARKETS	T2D	640	1,035	-38.2%	825	-22.4%
FREIGHT MARKETS	T7C	50	0	-	0	-
FREIGHT MARKETS	TC6	0	0	-	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-
FREIGHT MARKETS	TD8	0	0	-	0	-
FREIGHT MARKETS	USC	0	210	-100.0%	0	-
FREIGHT MARKETS	USE	60	0	-	0	-
FUEL OIL CRACK VS ICE	FO	3,137	8,806	-64.4%	3,321	-5.5%

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Energy Futures						
FUEL OIL NWE CRACK VS ICE	FI	52	156	-66.7%	65	-20.0%
FUEL OIL (PLATS) CAR CM	1W	0	4	-100.0%	0	-
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	208	553	-62.4%	228	-8.8%
GAS EURO-BOB OXY NWE BARGES	7H	2,596	4,267	-39.2%	2,701	-3.9%
GAS EURO-BOB OXY NWE BARGES CRK	7K	17,307	22,908	-24.4%	18,169	-4.7%
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	6	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	25	42	-40.5%	35	-28.6%
GASOIL 10PPM VS ICE SWAP	TP	0	11	-100.0%	0	-
GASOIL CALENDAR SWAP	GX	66	67	-1.5%	58	13.8%
GASOIL CRACK SPREAD CALEN	GZ	3,679	11,789	-68.8%	4,166	-11.7%
GASOIL MINI CALENDAR SWAP	QA	1,075	1,300	-17.3%	1,104	-2.6%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	1,221	1,440	-15.2%	1,542	-20.8%
GROUP THREE ULSD (PLATTS)	A7	0	13	-100.0%	0	-
GROUP THREE UNLEAD GAS (P	A9	0	300	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	A6	7,740	10,353	-25.2%	7,529	2.8%
GRP THREE UNL GS (PLT) VS	A8	2,495	2,945	-15.3%	3,100	-19.5%
GULF COAST 3% FUEL OIL BA	VZ	35	1,989	-98.2%	291	-88.0%
GULF COAST JET FUEL CLNDR	GE	2,495	197	1,166.5%	2,341	6.6%
GULF COAST JET VS NYM 2 H	ME	17,931	28,697	-37.5%	18,393	-2.5%
GULF COAST NO.6 FUEL OIL	MF	11,342	18,033	-37.1%	11,988	-5.4%
GULF COAST NO.6 FUEL OIL	MG	140	841	-83.4%	175	-20.0%
GULF COAST ULSD CALENDAR	LY	5,256	1,641	220.3%	5,197	1.1%
GULF COAST ULSD CRACK SPR	GY	360	700	-48.6%	420	-14.3%
HEATING OIL BALMO CLNDR S	1G	0	0	-	10	-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	620	4,641	-86.6%	1,220	-49.2%
HENRY HUB FINANCIAL LAST	NBP	75	0	-	75	0.0%
HENRY HUB FINANCIAL LAST	TTE	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	IN	1,708	6,051	-71.8%	2,576	-33.7%
HENRY HUB SWAP	NN	707,030	847,049	-16.5%	719,345	-1.7%
HOUSTON SHIP CHANNEL BASI	NH	3,021	7,419	-59.3%	3,411	-11.4%
ICE BRENT DUBAI SWAP	DB	12,927	44,981	-71.3%	15,230	-15.1%
IN DELIVERY MONTH EUA	6T	0	0	-	0	-
INDIANA MISO	FAD	0	0	-	0	-
INDIANA MISO	FTD	672	2,400	-72.0%	672	0.0%
INDIANA MISO	PDD	50	277	-81.9%	27	85.2%
INDIANA MISO	PTD	49	390	-87.4%	42	16.7%
INDONESIAN COAL ICI4	ICI	298	833	-64.2%	411	-27.5%
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	81	-100.0%	0	-
JAPAN C&F NAPHTHA SWAP	JA	379	1,213	-68.8%	402	-5.7%
JAPAN NAPHTHA BALMO SWAP	E6	0	5	-100.0%	0	-
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-
JET CIF NWE VS ICE	JC	20	313	-93.6%	25	-20.0%
JET FUEL CRG CIF NEW VS I	6X	0	132	-100.0%	0	-
JET FUEL UP-DOWN BALMO CL	1M	2,310	3,090	-25.2%	990	133.3%
JKM LNG Futures	JKM	7,864	6,175	27.4%	4,908	60.2%

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LA CARB DIESEL (OPIS) SWA	KL	313	63	396.8%	402	-22.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	200	-100.0%	0	-
LA JET (OPIS) SWAP	JS	647	1,569	-58.8%	821	-21.2%
LLS (ARGUS) CALENDAR SWAP	XA	125	341	-63.3%	142	-12.0%
LLS (ARGUS) VS WTI SWAP	WJ	6,139	14,049	-56.3%	7,251	-15.3%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	200	2,615	-92.4%	250	-20.0%
MARS (ARGUS) VS WTI TRD M	YV	16,574	23,022	-28.0%	14,887	11.3%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	15,133	23,150	-34.6%	18,408	-17.8%
MCCLOSKEY RCH BAY COAL	MFF	953	3,030	-68.5%	1,601	-40.5%
MGF FUT	MGF	0	0	-	0	-
MGN1 SWAP FUT	MGN	120	370	-67.6%	175	-31.4%
MICHIGAN BASIS	NF	124	1,495	-91.7%	244	-49.2%
MICHIGAN MISO	HMO	0	0	-	0	-
MICHIGAN MISO	HMW	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	99	-100.0%	10	-100.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	640	320	100.0%	59	984.7%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,015	2,198	-53.8%	1,084	-6.4%
MJC FUT	MJC	20	80	-75.0%	25	-20.0%
MNC FUT	MNC	1,074	3,815	-71.8%	1,161	-7.5%
MONT BELVIEU ETHANE 5 DECIMAL	C0	65,695	43,250	51.9%	65,284	0.6%
MONT BELVIEU ETHANE OPIS BALMO	8C	1,295	85	1,423.5%	400	223.8%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	138,631	142,678	-2.8%	137,017	1.2%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,513	1,804	-16.1%	1,003	50.8%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	36,475	16,116	126.3%	37,906	-3.8%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,060	575	84.3%	795	33.3%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	67,056	57,339	16.9%	62,894	6.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,216	837	45.3%	647	87.9%
NAT GAS BASIS SWAP	TZ6	0	644	-100.0%	0	-
NATURAL GAS	XIC	0	0	-	0	-
NATURAL GAS PEN SWP	NP	193,464	134,771	43.6%	199,712	-3.1%
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	194,123	342,593	-43.3%	207,843	-6.6%
NEPOOL INTR HUB 5MW D AH	U6	9,085	17,441	-47.9%	9,855	-7.8%
NEPOOL NE MASS 5MW D AH O	P8	0	4,755	-100.0%	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	252	-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	1,155	1,156	-0.1%	1,120	3.1%
NEW YORK ETHANOL SWAP	EZ	835	1,194	-30.1%	1,008	-17.2%
NEW YORK HUB ZONE G PEAK	GN	1,353	1,088	24.4%	1,312	3.1%
NEW YORK HUB ZONE J PEAK	JN	264	1,190	-77.8%	256	3.1%
NGPL MID-CONTINENT	NL	520	7,076	-92.7%	520	0.0%
NGPL TEX/OK	PD	120	7,542	-98.4%	120	0.0%
N ILLINOIS HUB DAILY	UD	10	98	-89.8%	10	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	150	-100.0%	0	-
NORTHERN NATURAL GAS DEMAR	PE	0	62	-100.0%	0	-

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Energy Futures						
NORTHERN NATURAL GAS VENTU	PF	0	186	-100.0%	0	-
NORTHWEST ROCKIES BASIS S	NR	184	4,657	-96.0%	244	-24.6%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	578	2,479	-76.7%	676	-14.5%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	11,220	8,861	26.6%	11,178	0.4%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	640	840	-23.8%	665	-3.8%
NY HARBOR RESIDUAL FUEL 1	MM	1,182	1,071	10.4%	1,132	4.4%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	2,787	2,520	10.6%	3,261	-14.5%
NYISO CAPACITY	LHV	83	399	-79.2%	104	-20.2%
NYISO CAPACITY	NNC	0	34	-100.0%	0	-
NYISO CAPACITY	NRS	0	87	-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	1,586	10,962	-85.5%	2,370	-33.1%
NYISO ZONE A 5MW D AH PK	K3	0	492	-100.0%	0	-
NYISO ZONE G 5MW D AH O P	D2	98,066	423,826	-76.9%	120,410	-18.6%
NYISO ZONE G 5MW D AH PK	T3	9,922	21,494	-53.8%	10,824	-8.3%
NYISO ZONE J 5MW D AH O P	D4	2,379	38,286	-93.8%	3,555	-33.1%
NYISO ZONE J 5MW D AH PK	D3	336	3,491	-90.4%	512	-34.4%
NYMEX ALUMINUM FUTURES	AN	0	408	-100.0%	0	-
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	1,763	437	303.4%	1,893	-6.9%
ONEOK OKLAHOMA NG BASIS	8X	0	1,860	-100.0%	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	453	1,927	-76.5%	573	-20.9%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-
PERMIAN BASIS SWAP	PM	828	3,540	-76.6%	1,098	-24.6%
PETROCHEMICALS	22	112	176	-36.4%	57	96.5%
PETROCHEMICALS	32	65	72	-9.7%	83	-21.7%
PETROCHEMICALS	3NA	14	21	-33.3%	14	0.0%
PETROCHEMICALS	51	10	36	-72.2%	13	-23.1%
PETROCHEMICALS	81	0	0	-	0	-
PETROCHEMICALS	8I	6,786	5,441	24.7%	6,985	-2.8%
PETROCHEMICALS	91	757	849	-10.8%	741	2.2%
PETROCHEMICALS	MAA	130	0	-	320	-59.4%
PETROCHEMICALS	MAE	2,278	1,459	56.1%	2,124	7.3%
PETROCHEMICALS	MAS	572	500	14.4%	556	2.9%
PETROCHEMICALS	MBE	140	405	-65.4%	160	-12.5%
PETROCHEMICALS	MNB	1,290	1,842	-30.0%	1,452	-11.2%
PETROCHEMICALS	MPS	1,514	625	142.2%	1,612	-6.1%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STR	80	540	-85.2%	100	-20.0%
PETRO CRCKS & SPRDS ASIA	STS	250	237	5.5%	275	-9.1%
PETRO CRCKS & SPRDS NA	CRB	14,068	7,794	80.5%	17,609	-20.1%
PETRO CRCKS & SPRDS NA	EXR	1,481	3,278	-54.8%	1,182	25.3%
PETRO CRCKS & SPRDS NA	FOC	240	1,390	-82.7%	300	-20.0%

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Energy Futures						
PETRO CRCKS & SPRDS NA	GBB	0	500	-100.0%	175	-100.0%
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	666	2,290	-70.9%	520	28.1%
PETRO CRCKS & SPRDS NA	GCM	0	300	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GCU	4,071	9,147	-55.5%	4,727	-13.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	7,871	11,549	-31.8%	8,233	-4.4%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	0	75	-100.0%	0	-
PETRO CRCKS & SPRDS NA	RBB	9,372	18,856	-50.3%	10,006	-6.3%
PETRO CRCKS & SPRDS NA	RVG	4,213	9,433	-55.3%	5,022	-16.1%
PETRO CRCKS & SPRDS NA	SF3	0	252	-100.0%	0	-
PETRO CRK&SPRD EURO	1NB	675	1,173	-42.5%	1,050	-35.7%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	0	0	-	0	-
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	1,176	3,502	-66.4%	1,378	-14.7%
PETRO CRK&SPRD EURO	EOB	6	20	-70.0%	6	0.0%
PETRO CRK&SPRD EURO	EPN	980	1,488	-34.1%	886	10.6%
PETRO CRK&SPRD EURO	EVC	134	2,852	-95.3%	172	-22.1%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-
PETRO CRK&SPRD EURO	FVB	0	30	-100.0%	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-
PETRO CRK&SPRD EURO	GOC	4	16	-75.0%	5	-20.0%
PETRO CRK&SPRD EURO	MGB	0	30	-100.0%	0	-
PETRO CRK&SPRD EURO	MUD	30	90	-66.7%	80	-62.5%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	565	1,334	-57.6%	600	-5.8%
PETRO CRK&SPRD EURO	SFB	0	5	-100.0%	0	-
PETROLEUM PRODUCTS	1NM	20	50	-60.0%	150	-86.7%
PETROLEUM PRODUCTS	EWG	825	2,825	-70.8%	800	3.1%
PETROLEUM PRODUCTS	H5F	234	0	-	249	-6.0%
PETROLEUM PRODUCTS	JCC	1,550	700	121.4%	1,750	-11.4%
PETROLEUM PRODUCTS	MME	60	0	-	60	0.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	NCC	0	10	-100.0%	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-
PETROLEUM PRODUCTS	R5F	46	3	1,433.3%	43	7.0%
PETROLEUM PRODUCTS	S53	40	45	-11.1%	44	-9.1%
PETROLEUM PRODUCTS	UCS	65	0	-	0	-
PETROLEUM PRODUCTS	UP5	117	54	116.7%	135	-13.3%
PETROLEUM PRODUCTS	VU	75	13	476.9%	0	-
PETROLEUM PRODUCTS ASIA	E6M	5	0	-	0	-
PETROLEUM PRODUCTS ASIA	MJN	861	1,595	-46.0%	1,518	-43.3%
PETROLEUM PRODUCTS ASIA	MSB	0	20	-100.0%	0	-
PETRO OUTRIGHT EURO	OB	90	201	-55.2%	97	-7.2%
PETRO OUTRIGHT EURO	OC	0	0	-	0	-
PETRO OUTRIGHT EURO	OD	608	2,415	-74.8%	867	-29.9%
PETRO OUTRIGHT EURO	OE	0	50	-100.0%	0	-
PETRO OUTRIGHT EURO	OF	10	508	-98.0%	15	-33.3%
PETRO OUTRIGHT EURO	1T	0	15	-100.0%	0	-

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Energy Futures					
PETRO OUTRIGHT EURO 33	0	0	-	0	-
PETRO OUTRIGHT EURO 5L	0	25	-100.0%	0	-
PETRO OUTRIGHT EURO 63	0	62	-100.0%	0	-
PETRO OUTRIGHT EURO 7I	0	75	-100.0%	0	-
PETRO OUTRIGHT EURO 7R	22	40	-45.0%	18	22.2%
PETRO OUTRIGHT EURO 88	0	0	-	0	-
PETRO OUTRIGHT EURO CBB	0	0	-	0	-
PETRO OUTRIGHT EURO CGB	15	0	-	0	-
PETRO OUTRIGHT EURO CPB	140	138	1.4%	325	-56.9%
PETRO OUTRIGHT EURO EFF	0	0	-	0	-
PETRO OUTRIGHT EURO EFM	0	4	-100.0%	0	-
PETRO OUTRIGHT EURO ENS	12	68	-82.4%	15	-20.0%
PETRO OUTRIGHT EURO EWN	17	403	-95.8%	22	-22.7%
PETRO OUTRIGHT EURO FLB	0	0	-	0	-
PETRO OUTRIGHT EURO GES	0	0	-	0	-
PETRO OUTRIGHT EURO GNO	0	0	-	0	-
PETRO OUTRIGHT EURO H5G	358	192	86.5%	440	-18.6%
PETRO OUTRIGHT EURO JFB	0	0	-	0	-
PETRO OUTRIGHT EURO M1B	3,694	458	706.6%	3,032	21.8%
PETRO OUTRIGHT EURO M35	0	19	-100.0%	0	-
PETRO OUTRIGHT EURO MBB	0	0	-	0	-
PETRO OUTRIGHT EURO MBN	1,350	2,505	-46.1%	1,464	-7.8%
PETRO OUTRIGHT EURO MEF	275	557	-50.6%	290	-5.2%
PETRO OUTRIGHT EURO R53	24	66	-63.6%	30	-20.0%
PETRO OUTRIGHT EURO R5B	0	0	-	0	-
PETRO OUTRIGHT EURO R5M	1,091	672	62.4%	1,175	-7.1%
PETRO OUTRIGHT EURO R5O	2,766	1,006	175.0%	2,404	15.1%
PETRO OUTRIGHT EURO RBM	0	0	-	10	-100.0%
PETRO OUTRIGHT EURO S5B	4	0	-	0	-
PETRO OUTRIGHT EURO S5F	399	39	923.1%	341	17.0%
PETRO OUTRIGHT EURO S5M	3,828	579	561.1%	3,704	3.3%
PETRO OUTRIGHT EURO S5O	2,050	49	4,083.7%	1,779	15.2%
PETRO OUTRIGHT EURO SMU	40	600	-93.3%	50	-20.0%
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	-	0	-
PETRO OUTRIGHT EURO V0	0	0	-	0	-
PETRO OUTRIGHT EURO X0	0	0	-	0	-
PETRO OUTRIGHT NA AB6	22	0	-	0	-
PETRO OUTRIGHT NA BCR	100	0	-	175	-42.9%
PETRO OUTRIGHT NA DBB	0	0	-	0	-
PETRO OUTRIGHT NA FCB	0	0	-	0	-
PETRO OUTRIGHT NA FOM	0	0	-	0	-
PETRO OUTRIGHT NA H5B	0	0	-	0	-
PETRO OUTRIGHT NA JE	645	240	168.8%	720	-10.4%
PETRO OUTRIGHT NA JET	2,100	2,431	-13.6%	1,900	10.5%
PETRO OUTRIGHT NA JTB	0	1,025	-100.0%	0	-
PETRO OUTRIGHT NA MBL	209	204	2.5%	225	-7.1%
PETRO OUTRIGHT NA MEN	0	128	-100.0%	0	-
PETRO OUTRIGHT NA MEO	1,042	2,781	-62.5%	1,218	-14.4%

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Energy Futures						
PETRO OUTRIGHT NA	MFD	20	70	-71.4%	25	-20.0%
PETRO OUTRIGHT NA	MMF	0	44	-100.0%	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	64,495	166,570	-61.3%	70,255	-8.2%
PJM AD HUB 5MW REAL TIME	Z9	5,243	14,565	-64.0%	6,125	-14.4%
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	954	-70.0%	354	-19.2%
PJM DAYTON DA OFF-PEAK	R7	7,930	50,765	-84.4%	11,850	-33.1%
PJM DAYTON DA PEAK	D7	420	2,980	-85.9%	640	-34.4%
PJM NI HUB 5MW REAL TIME	B3	2,880	6,021	-52.2%	2,985	-3.5%
PJM NI HUB 5MW REAL TIME	B6	52,565	92,515	-43.2%	54,485	-3.5%
PJM NILL DA OFF-PEAK	L3	0	27,506	-100.0%	0	-
PJM NILL DA PEAK	N3	0	1,599	-100.0%	0	-
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	1,680	-100.0%	0	-
PJM PSEG DA OFF-PEAK	W6	0	39,625	-100.0%	0	-
PJM PSEG DA PEAK	L6	0	2,100	-100.0%	0	-
PJM WESTH DA OFF-PEAK	E4	1,586	74,252	-97.9%	2,370	-33.1%
PJM WESTHDA PEAK	J4	84	3,946	-97.9%	128	-34.4%
PJM WESTH RT OFF-PEAK	N9	333,505	531,999	-37.3%	343,105	-2.8%
PJM WESTH RT PEAK	L1	31,719	69,134	-54.1%	34,722	-8.6%
PLASTICS	PGP	3,846	3,288	17.0%	4,261	-9.7%
PREMIUM UNLND 10P FOB MED	3G	21	145	-85.5%	21	0.0%
PREMIUM UNLEAD 10PPM FOB	8G	0	74	-100.0%	0	-
PREM UNL GAS 10PPM RDM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDM FOB SWAP	7L	0	5	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	942	677	39.1%	612	53.9%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	59,534	49,851	19.4%	54,696	8.8%
RBOB CALENDAR SWAP	RL	13,676	15,420	-11.3%	11,491	19.0%
RBOB CRACK SPREAD	RM	2,695	3,872	-30.4%	2,605	3.5%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	295	724	-59.3%	262	12.6%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	700	25	2,700.0%	440	59.1%
SAN JUAN BASIS SWAP	NJ	62	1,507	-95.9%	122	-49.2%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	96	-100.0%	0	-
SINGAPORE 380CST BALMO	BT	0	77	-100.0%	0	-
SINGAPORE 380CST FUEL OIL	SE	293	4,056	-92.8%	358	-18.2%
SINGAPORE FUEL 180CST CAL	UA	19	257	-92.6%	18	5.6%
SINGAPORE FUEL OIL SPREAD	SD	70	171	-59.1%	95	-26.3%
SINGAPORE GASOIL	MAF	243	3,858	-93.7%	322	-24.5%
SINGAPORE GASOIL	MTB	0	65	-100.0%	0	-
SINGAPORE GASOIL	MTS	421	5,070	-91.7%	514	-18.1%
SINGAPORE GASOIL	SBM	57	0	-	61	-6.6%
SINGAPORE GASOIL	STZ	0	0	-	0	-

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Energy Futures						
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	1,844	342	439.2%	1,815	1.6%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-
SINGAPORE GASOIL SWAP	SG	1,339	930	44.0%	1,070	25.1%
SINGAPORE GASOIL VS ICE	GA	2,243	8,185	-72.6%	2,776	-19.2%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	0	2,075	-100.0%	0	-
SINGAPORE JET KEROSENE SW	KS	775	1,000	-22.5%	390	98.7%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	25	-100.0%	150	-100.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	6,883	6,903	-0.3%	8,153	-15.6%
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	945	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	60	571	-89.5%	75	-20.0%
TC5 RAS TANURA TO YOKOHAM	TH	315	1,425	-77.9%	405	-22.2%
TCO BASIS SWAP	TC	124	1,836	-93.2%	244	-49.2%
TD3 MEG TO JAPAN 250K MT	TL	6,531	13,539	-51.8%	5,862	11.4%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-
Tetco STX Basis	TX	0	0	-	0	-
TEXAS EASTERN ZONE M-3 BA	NX	1,241	1,098	13.0%	1,301	-4.6%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-
Transco Zone 3 Basis	CZ	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	376	1,938	-80.6%	503	-25.2%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-
UCM FUT	UCM	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	180	355	-49.3%	225	-20.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	4,220	5,055	-16.5%	4,098	3.0%
UP DOWN GC ULSD VS NMX HO	LT	51,352	58,593	-12.4%	64,431	-20.3%
WAHA BASIS	NW	92	913	-89.9%	157	-41.4%
WESTERN RAIL DELIVERY PRB	QP	0	0	-	0	-
WTI-BRENT BULLET SWAP	BY	17	1,034	-98.4%	34	-50.0%
WTI-BRENT CALENDAR SWAP	BK	92,137	159,947	-42.4%	100,623	-8.4%
WTI CALENDAR	CS	153,779	172,341	-10.8%	162,471	-5.3%
WTI MIDLAND CRUDE OIL	WTL	100	0	-	150	-33.3%
WTS (ARGUS) VS WTI SWAP	FF	74,145	63,884	16.1%	76,808	-3.5%
WTS (ARGUS) VS WTI TRD MT	FH	9,802	4,619	112.2%	9,867	-0.7%
Energy Options						
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	1,802	8,739	-79.4%	2,809	-35.8%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	9C	7,500	8,130	-7.7%	10,200	-26.5%
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-
BRENT OIL LAST DAY	BE	115,531	54,172	113.3%	103,462	11.7%
BRENT OIL LAST DAY	BZO	79,648	183,155	-56.5%	64,801	22.9%
BRENT OIL LAST DAY	OS	25	50	-50.0%	0	-
COAL API2 INDEX	CLA	0	335	-100.0%	0	-

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Energy Options						
COAL API2 INDEX	CQA	0	175	-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	425,840	495,775	-14.1%	470,380	-9.5%
CRUDE OIL APO	AO	269,440	349,914	-23.0%	305,857	-11.9%
CRUDE OIL CALNDR STRIP	6F	50	200	-75.0%	50	0.0%
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	36,187	43,966	-17.7%	33,380	8.4%
CRUDE OIL PHY	LO	1,805,238	2,256,480	-20.0%	1,710,066	5.6%
CRUDE OIL PHY	LO1	5,587	5,762	-3.0%	2,458	127.3%
CRUDE OIL PHY	LO2	1,152	447	157.7%	256	350.0%
CRUDE OIL PHY	LO3	1,022	188	443.6%	32	3,093.8%
CRUDE OIL PHY	LO4	40	0	0.0%	0	0.0%
CRUDE OIL PHY	LO5	0	0	-	0	-
ELEC FINSETTLED	PJN	43	0	-	0	-
ETHANOL	CE1	0	0	-	0	-
ETHANOL	CE3	0	0	-	0	-
ETHANOL SWAP	CVR	11,640	17,163	-32.2%	10,990	5.9%
ETHANOL SWAP	GVR	360	580	-37.9%	525	-31.4%
FREIGHT MARKETS	TDT	0	1,800	-100.0%	0	-
HEATING OIL PHY	LB	499	288	73.3%	354	41.0%
HEATING OIL PHY	OH	16,915	46,319	-63.5%	14,516	16.5%
HENRY HUB FINANCIAL LAST	E7	34,117	12,030	183.6%	33,475	1.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-
LLS CRUDE OIL	WJO	0	0	-	0	-
LLS CRUDE OIL	WTO	1,400	0	-	0	-
LLS CRUDE OIL	YVO	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTO	4,467	0	-	5,167	-13.5%
MCCLOSKEY RCH BAY COAL	MFO	0	275	-100.0%	0	-
NATURAL GAS 1 M CSO FIN	G4	141,225	122,825	15.0%	92,575	52.6%
NATURAL GAS 2 M CSO FIN	G2	5,200	1,575	230.2%	5,100	2.0%
NATURAL GAS 3 M CSO FIN	G3	0	2,100	-100.0%	149,785	-100.0%
NATURAL GAS 5 M CSO FIN	G5	1,000	2,700	-63.0%	1,000	0.0%
NATURAL GAS 6 M CSO FIN	G6	15,400	15,200	1.3%	14,400	6.9%
NATURAL GAS OPT	TFO	74,690	0	-	85,060	-12.2%
NATURAL GAS OPTION ON CALENDAR STRP	6J	21,020	18,184	15.6%	20,620	1.9%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,225,751	1,690,303	31.7%	2,401,105	-7.3%
NATURAL GAS PHY	ON	52,633	74,942	-29.8%	62,160	-15.3%
NATURAL GAS SUMMER STRIP	4D	400	0	-	400	0.0%
NATURAL GAS WINTER STRIP	6I	600	1,500	-60.0%	600	0.0%
N ROCKIES PIPE SWAP	ZR	0	4,476	-100.0%	0	-
NY HARBOR HEAT OIL SWP	AT	8,213	13,515	-39.2%	9,392	-12.6%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-
PETROCHEMICALS	4H	645	3,570	-81.9%	603	7.0%
PETROCHEMICALS	4J	630	300	110.0%	630	0.0%

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Commodity	Open Interest SEP 2020	Open Interest SEP 2019	% CHG	Open Interest AUG 2020	% CHG
Energy Options					
PETROCHEMICALS 4K	0	280	-100.0%	0	-
PETROCHEMICALS CPR	21	20	5.0%	42	-50.0%
PETRO OUTRIGHT EURO 8H	0	0	-	0	-
PETRO OUTRIGHT EURO BCO	8	24	-66.7%	10	-20.0%
PETRO OUTRIGHT NA 1N5	200	0	-	200	0.0%
PETRO OUTRIGHT NA DAP	840	724	16.0%	930	-9.7%
PJM WES HUB PEAK CAL MTH 6OA	1,510	1,280	18.0%	1,510	0.0%
PJM WES HUB PEAK CAL MTH JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW PMA	512	532	-3.8%	512	0.0%
RBOB 1MO CAL SPD OPTIONS ZA	0	0	-	0	-
RBOB CALENDAR SWAP RA	540	240	125.0%	502	7.6%
RBOB CRACK RX	0	0	-	0	-
RBOB PHY OB	8,021	9,442	-15.0%	6,999	14.6%
RBOB PHY RF	0	0	-	130	-100.0%
ROTTERDAM 3.5%FUEL OIL CL Q6	0	0	-	0	-
SAN JUAN PIPE SWAP PJ	0	2,970	-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	-
WTI-BRENT BULLET SWAP BV	159,280	145,025	9.8%	157,015	1.4%
WTI CRUDE OIL 1 M CSO FI 7A	210,215	95,920	119.2%	236,310	-11.0%

NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity		Open Interest SEP 2020	Open Interest SEP 2019	% CHG	Open Interest AUG 2020	% CHG
Metals Futures						
COMEX GOLD	GC	555,967	610,343	-8.9%	544,006	2.2%
NYMEX HOT ROLLED STEEL	HR	23,780	14,952	59.0%	23,515	1.1%
NYMEX PLATINUM	PL	54,143	85,543	-36.7%	59,911	-9.6%
PALLADIUM	PA	9,132	23,854	-61.7%	9,687	-5.7%
URANIUM	UX	302	2,406	-87.4%	310	-2.6%
COMEX SILVER	SI	154,828	213,288	-27.4%	165,543	-6.5%
COMEX E-Mini GOLD	QO	2,621	1,877	39.6%	3,430	-23.6%
COMEX E-Mini SILVER	QI	840	475	76.8%	687	22.3%
COMEX COPPER	HG	238,885	234,852	1.7%	231,031	3.4%
COMEX MINY COPPER	QC	257	65	295.4%	299	-14.0%
ALUMINUM	A38	0	53	-100.0%	0	-
ALUMINUM	AEP	11,323	9,397	20.5%	10,405	8.8%
ALUMINUM	ALA	536	510	5.1%	516	3.9%
ALUMINUM	ALI	139	281	-50.5%	215	-35.3%
ALUMINUM	AUP	36,696	22,930	60.0%	36,020	1.9%
ALUMINUM	CUP	0	0	-	0	-
ALUMINUM	EDP	12,317	9,685	27.2%	13,458	-8.5%
ALUMINUM	MJP	4,445	6,342	-29.9%	4,235	5.0%
COPPER	HGS	18,349	10,081	82.0%	19,149	-4.2%
FERROUS PRODUCTS	BUS	3,352	2,746	22.1%	3,960	-15.4%
GOLD	4GC	81	0	-	134	-39.6%
GOLD	SGC	212	0	-	282	-24.8%
GOLD	SGU	705	0	-	638	10.5%
Gold Kilo	GCK	0	0	-	0	-
HOT ROLLED COIL STEEL FUTURES	EHR	722	0	-	925	-21.9%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	0	6,072	-100.0%	0	-
IRON ORE CHINA	TIO	2,964	0	-	3,197	-7.3%
LNDN ZINC	ZNC	0	0	-	0	-
METALS	HDG	20	0	-	20	0.0%
MICRO GOLD	MGC	72,241	22,979	214.4%	50,287	43.7%
SILVER	SIL	4,926	2,146	129.5%	4,645	6.0%
Metals Options						
ALUMINUM	ALO	90	0	-	120	-25.0%
COMEX COPPER	HX	13,619	31,057	-56.1%	12,572	8.3%
COMEX GOLD	OG	1,115,927	1,682,120	-33.7%	1,229,348	-9.2%
COMEX SILVER	SO	124,880	228,727	-45.4%	132,626	-5.8%
COPPER	H1E	0	20	-100.0%	0	-
COPPER	H2E	0	20	-100.0%	0	-
COPPER	H3E	0	420	-100.0%	0	-
COPPER	H4E	0	0	-	0	-
COPPER	H5E	0	0	-	0	-
GOLD	OG1	13,140	18,135	-27.5%	9,942	32.2%
GOLD	OG2	7,763	8,157	-4.8%	3,316	134.1%
GOLD	OG3	2,615	4,084	-36.0%	1,307	100.1%
GOLD	OG4	33	224	-85.3%	0	0.0%
GOLD	OG5	0	0	-	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	600	-100.0%	0	-
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	1,240	-100.0%	0	-
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	620	-100.0%	0	-

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest SEP 2020	Open Interest SEP 2019	% CHG	Open Interest AUG 2020	% CHG
Metals Options						
IRON ORE CHINA	ICT	2,960	0	-	3,770	-21.5%
NYMEX HOT ROLLED STEEL	HRO	625	0	-	325	92.3%
NYMEX PLATINUM	PO	1,679	2,703	-37.9%	2,959	-43.3%
PALLADIUM	PAO	1,651	2,142	-22.9%	1,236	33.6%
SILVER	SO1	1,306	2,895	-54.9%	1,121	16.5%
SILVER	SO2	470	638	-26.3%	365	28.8%
SILVER	SO3	124	711	-82.6%	251	-50.6%
SILVER	SO4	52	0	0.0%	9	477.8%
SILVER	SO5	0	0	-	0	-
TOTAL FUTURES GROUP						
Ag Products	Futures	1	3	-66.7%	3	-66.7%
Energy	Futures	8,037,093	9,516,994	-15.6%	8,100,659	-0.8%
Metals	Futures	1,209,783	1,280,877	-5.6%	1,186,505	2.0%
TOTAL FUTURES		9,246,877	10,797,874	-14.4%	9,287,167	-0.4%
TOTAL OPTIONS GROUP						
Energy	Options	5,747,057	5,693,740	0.9%	6,016,368	-4.5%
Metals	Options	1,286,934	1,984,513	-35.2%	1,399,267	-8.0%
TOTAL OPTIONS		7,033,991	7,678,253	-8.4%	7,415,635	-5.1%
TOTAL COMBINED						
Ag Products		1	3	-66.7%	3	-66.7%
Energy		13,784,150	15,210,734	-9.4%	14,117,027	-2.4%
Metals		2,496,717	3,265,390	-23.5%	2,585,772	-3.4%
GRAND TOTAL		16,280,868	18,476,127	-11.9%	16,702,802	-2.5%