

## NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
Ag Products Futures						
COCOA TAS	CJ	0	1	-100.0%	1	-100.0%
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	2	-100.0%	0	-
SUGAR 11	YO	58	2	2,800.0%	58	0.0%
Energy Futures						
CRUDE OIL PHY	CL	2,502,159	2,182,905	14.6%	2,644,087	-5.4%
CRUDE OIL	WS	572	1,693	-66.2%	1,572	-63.6%
MINY WTI CRUDE OIL	QM	4,711	6,289	-25.1%	5,116	-7.9%
BRENT OIL LAST DAY	BZ	211,992	133,961	58.2%	227,528	-6.8%
HEATING OIL PHY	HO	390,359	418,127	-6.6%	415,713	-6.1%
HTG OIL	BH	203	275	-26.2%	222	-8.6%
MINY HTG OIL	QH	1	1	0.0%	0	-
RBOB PHY	RB	436,313	404,791	7.8%	480,931	-9.3%
MINY RBOB GAS	QU	0	0	-	0	-
NATURAL GAS	HP	78,684	128,697	-38.9%	83,815	-6.1%
LTD NAT GAS	HH	421,061	372,587	13.0%	393,983	6.9%
MINY NATURAL GAS	QG	1,231	1,578	-22.0%	1,019	20.8%
PJM MONTHLY	JM	1,130	2,668	-57.6%	1,160	-2.6%
NATURAL GAS PHY	NG	1,489,298	1,340,513	11.1%	1,534,433	-2.9%
RBOB GAS	RT	83	1,678	-95.1%	1,379	-94.0%
3.5% FUEL OIL CID MED SWA	7D	248	487	-49.1%	321	-22.7%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	5	-100.0%
AEP-DAYTON HUB DAILY	VD	68	168	-59.5%	92	-26.1%
AEP-DAYTON HUB MTHLY	VM	0	490	-100.0%	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	350	-100.0%	0	-
ALGON CITY GATES NAT GAS	N7	0	1,224	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	B4	0	1,254	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-
ANR OKLAHOMA	NE	978	2,625	-62.7%	1,128	-13.3%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	49,839	9,354	432.8%	49,286	1.1%
ARGUS PROPAN FAR EST INDE	7E	5,034	1,794	180.6%	5,317	-5.3%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,656	856	93.5%	1,855	-10.7%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	216	678	-68.1%	240	-10.0%
BRENT BALMO SWAP	J9	0	150	-100.0%	0	-
BRENT CALENDAR SWAP	CY	20,023	16,069	24.6%	20,033	0.0%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	3,848	6,462	-40.5%	3,798	1.3%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-
BRENT FINANCIAL FUTURES	MDB	0	60	-100.0%	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%
CAISO SP15 EZGNHUB5 MW P	9X	0	2,600	-100.0%	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	1,750	-100.0%	0	-
CANADIAN LIGHT SWEET OIL	CIL	35	3,639	-99.0%	42	-16.7%
CENTERPOINT BASIS SWAP	PW	5,813	14,112	-58.8%	6,357	-8.6%
CENTERPOINT EAST INDEX	II	0	0	-	0	-
CEU ENERGY	DEB	59	0	-	61	-3.3%
CEU ENERGY	TTF	200	0	-	135	48.1%

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<b>Energy Futures</b>						
CEU ENERGY	UKG	505	0	-	203	148.8%
CHICAGO ETHANOL SWAP	CU	59,540	42,037	41.6%	57,005	4.4%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	5C	1,116	1,234	-9.6%	847	31.8%
CHICAGO UNL GAS PL VS RBO	3C	625	21	2,876.2%	525	19.0%
CIG BASIS	CI	14,916	35,794	-58.3%	16,328	-8.6%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	EJ	70	120	-41.7%	80	-12.5%
CINERGY HUB PEAK MONTH	EM	168	288	-41.7%	192	-12.5%
CIN HUB 5MW D AH O PK	K2	69,160	319,280	-78.3%	83,440	-17.1%
CIN HUB 5MW D AH PK	H5	6,916	15,971	-56.7%	7,206	-4.0%
CIN HUB 5MW REAL TIME O P	H4	316,584	575,992	-45.0%	343,464	-7.8%
CIN HUB 5MW REAL TIME PK	H3	27,640	46,653	-40.8%	29,383	-5.9%
COAL SWAP	ACM	205	175	17.1%	105	95.2%
COAL SWAP	SSI	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	2,000	11,718	-82.9%	2,326	-14.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-
COLUMBIA GULF ONSHORE	GL	0	8,648	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	1,146	1,001	14.5%	1,173	-2.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,771	4,012	-55.9%	843	110.1%
CONWAY PROPANE 5 DECIMALS SWAP	8K	24,450	17,475	39.9%	22,829	7.1%
CRUDE OIL	CHB	0	0	-	0	-
CRUDE OIL	LPS	19,200	17,100	12.3%	17,700	8.5%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	412	110	274.5%	236	74.6%
CRUDE OIL OUTRIGHTS	CC5	0	360	-100.0%	0	-
CRUDE OIL OUTRIGHTS	CPD	0	0	-	100	-100.0%
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	0	820	-100.0%	0	-
CRUDE OIL OUTRIGHTS	DBL	0	150	-100.0%	59	-100.0%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-
CRUDE OIL OUTRIGHTS	HTT	127,410	31,310	306.9%	117,588	8.4%
CRUDE OIL OUTRIGHTS	LSW	875	210	316.7%	1,065	-17.8%
CRUDE OIL OUTRIGHTS	SSW	0	90	-100.0%	0	-
CRUDE OIL OUTRIGHTS	UMD	200	0	-	900	-77.8%
CRUDE OIL OUTRIGHTS	UNS	1,000	0	-	1,500	-33.3%
CRUDE OIL OUTRIGHTS	WCC	800	6,305	-87.3%	960	-16.7%
CRUDE OIL OUTRIGHTS	WCW	19,504	10,345	88.5%	22,023	-11.4%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	38	1,485	0	-	1,740	-14.7%
CRUDE OIL SPRDS	WTT	176,396	29,183	504.4%	180,041	-2.0%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	3,600	10,656	-66.2%	3,720	-3.2%
DAILY PJM	IDO	16,640	16,968	-1.9%	15,872	4.8%
DAILY PJM	NOC	16,080	24,192	-33.5%	13,680	17.5%
DAILY PJM	PAP	650	1,125	-42.2%	615	5.7%
DAILY PJM	PEO	4,160	12,800	-67.5%	5,424	-23.3%
DAILY PJM	PNO	24,440	140,320	-82.6%	33,280	-26.6%
DAILY PJM	PNP	1,440	5,485	-73.7%	1,742	-17.3%
DAILY PJM	PWO	24,440	89,600	-72.7%	24,208	1.0%
DAILY PJM	PWP	1,222	6,550	-81.3%	1,262	-3.2%
DAILY PJM	WOR	20,400	24,384	-16.3%	20,280	0.6%

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DAILY PJM	ZAO	7,280	15,360	-52.6%	6,944	4.8%
DAILY PJM	ZGO	29,640	18,808	57.6%	28,272	4.8%
DAILY PJM	ZJO	13,000	11,040	17.8%	12,400	4.8%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	5,420	10,515	-48.5%	5,745	-5.7%
DEMARCO INDEX FUTURE	DI	0	0	-	0	-
DEMARCO SWING SWAP	DT	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	1,712	2,920	-41.4%	1,960	-12.7%
DOMINION TRANSMISSION INC	PG	20,083	50,272	-60.1%	21,403	-6.2%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	2,721	19,015	-85.7%	3,287	-17.2%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	QX	155	691	-77.6%	240	-35.4%
EAST/WEST FUEL OIL SPREAD	EW	97	714	-86.4%	117	-17.1%
EIA FLAT TAX ONHWAY DIESE	A5	2,005	4,212	-52.4%	1,828	9.7%
ELEC ERCOT DLY OFF PK	I4	0	0	-	6,000	-100.0%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	0	0	-	0	-
ELEC ERCOT DLY PEAK	I7	900	0	-	180	400.0%
ELEC ERCOT DLY PEAK	N1	0	0	-	0	-
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	0	-
ELEC FINSETTLED	47	1,320	2,274	-42.0%	1,364	-3.2%
ELEC FINSETTLED	49	0	0	-	0	-
ELEC MISO PEAK	4L	2,220	4,040	-45.0%	2,550	-12.9%
ELEC MISO PEAK	55	0	592	-100.0%	0	-
ELEC NYISO OFF-PEAK	4M	41,535	70,200	-40.8%	47,415	-12.4%
ELEC NYISO OFF-PEAK	58	0	11,076	-100.0%	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	24,242	41,909	-42.2%	25,026	-3.1%
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ELECTRICITY OFF PEAK	50	0	0	-	0	-
ELEC WEST POWER OFF-PEAK	MDA	0	200	-100.0%	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	2,200	1,680	31.0%	2,200	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	8,400	3,840	118.8%	6,000	40.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	84,000	0	-	110,880	-24.2%
ERCOT NORTH ZMCPE 5MW PEAK	I5	3,150	1,680	87.5%	6,300	-50.0%
ETHANOL SWAP	MT2	100	0	-	10	900.0%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,788	4,965	-3.6%	5,002	-4.3%
EURO 1% FUEL OIL NEW BALM	KX	3	0	-	15	-80.0%
EURO 3.5% FUEL OIL RDAM B	KR	651	336	93.8%	860	-24.3%
EURO 3.5% FUEL OIL SPREAD	FK	238	1,257	-81.1%	326	-27.0%
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	324	298	8.7%	352	-8.0%
EUROPE 1% FUEL OIL NWE CA	UF	179	133	34.6%	230	-22.2%
EUROPE 1% FUEL OIL RDAM C	UH	3	10	-70.0%	3	0.0%

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<b>Energy Futures</b>						
EUROPE 3.5% FUEL OIL MED	UI	291	530	-45.1%	365	-20.3%
EUROPE 3.5% FUEL OIL RDAM	UV	13,654	11,162	22.3%	14,764	-7.5%
EUROPEAN GASOIL (ICE)	7F	154	1,311	-88.3%	152	1.3%
EUROPEAN NAPHTHA BALMO	KZ	249	657	-62.1%	231	7.8%
EUROPEAN NAPHTHA CRACK SPR	EN	15,959	11,947	33.6%	14,716	8.4%
EUROPE DATED BRENT SWAP	UB	150	4	3,650.0%	225	-33.3%
EUROPE JET KERO NWE CALSW	UJ	24	53	-54.7%	30	-20.0%
EUROPE NAPHTHA CALSWAP	UN	3,101	2,652	16.9%	2,501	24.0%
EURO PROPANE CIF ARA SWA	PS	1,748	1,247	40.2%	1,688	3.6%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-
FREIGHT MARKETS	FLP	686	854	-19.7%	729	-5.9%
FREIGHT MARKETS	FRC	340	0	-	380	-10.5%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	1,258	0	-	1,032	21.9%
FREIGHT MARKETS	TC6	60	0	-	120	-50.0%
FUEL OIL CRACK VS ICE	FO	12,695	21,002	-39.6%	15,163	-16.3%
FUEL OIL NWE CRACK VS ICE	FI	171	0	-	171	0.0%
FUEL OIL (PLATS) CAR CM	1W	98	31	216.1%	112	-12.5%
FUEL OIL (PLATS) CAR CN	1X	57	0	-	72	-20.8%
FUELOIL SWAP:CARGOES VS.B	FS	730	1,320	-44.7%	804	-9.2%
GAS EURO-BOB OXY NWE BARGES	7H	6,851	6,022	13.8%	6,940	-1.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	35,571	32,729	8.7%	36,191	-1.7%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	Z5	5	35	-85.7%	10	-50.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	124	155	-20.0%	146	-15.1%
GASOIL 0.1 ROTTERDAM BARG	VL	380	40	850.0%	365	4.1%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	332	811	-59.1%	379	-12.4%
GASOIL BULLET SWAP	BG	0	30	-100.0%	0	-
GASOIL CALENDAR SWAP	GX	32	68	-52.9%	34	-5.9%
GASOIL CRACK SPREAD CALEN	GZ	20,488	24,157	-15.2%	23,039	-11.1%
GASOIL MINI CALENDAR SWAP	QA	573	391	46.5%	609	-5.9%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	A7	155	175	-11.4%	139	11.5%
GROUP THREE UNLEAD GAS (P	A9	425	0	-	425	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	10,335	8,542	21.0%	10,739	-3.8%
GRP THREE UNL GS (PLT) VS	A8	3,618	2,920	23.9%	4,047	-10.6%
GULF COAST 3% FUEL OIL BA	VZ	919	2,243	-59.0%	2,119	-56.6%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	905	897	0.9%	838	8.0%
GULF COAST JET VS NYM 2 H	ME	30,122	35,112	-14.2%	33,329	-9.6%
GULF COAST NO.6 FUEL OIL	MF	56,534	49,079	15.2%	61,311	-7.8%
GULF COAST NO.6 FUEL OIL	MG	9,842	4,212	133.7%	8,862	11.1%
GULF COAST ULSD CALENDAR	LY	1,609	3,159	-49.1%	1,201	34.0%
GULF COAST ULSD CRACK SPR	GY	945	2,243	-57.9%	995	-5.0%
HEATING OIL BALMO CLNDR S	1G	167	150	11.3%	0	-
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-

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HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HENRY HUB BASIS SWAP	HB	2,836	22,392	-87.3%	2,080	36.3%
HENRY HUB FINANCIAL LAST	NBP	6	0	-	39	-84.6%
HENRY HUB FINANCIAL LAST	TTE	6	0	-	4	50.0%
HENRY HUB INDEX SWAP FUTU	IN	2,464	20,917	-88.2%	2,712	-9.1%
HENRY HUB SWAP	NN	1,087,984	1,263,496	-13.9%	1,112,596	-2.2%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	14,453	22,052	-34.5%	14,993	-3.6%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	0	1,087	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	46,975	47,104	-0.3%	45,879	2.4%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
IN DELIVERY MONTH EUA	6T	3,698	10,598	-65.1%	3,698	0.0%
INDIANA MISO	FAD	18,480	28,600	-35.4%	17,640	4.8%
INDIANA MISO	FTD	8,400	3,744	124.4%	8,400	0.0%
INDIANA MISO	FTM	0	0	-	0	-
INDIANA MISO	PDD	1,308	2,140	-38.9%	936	39.7%
INDIANA MISO	PDM	0	0	-	0	-
INDIANA MISO	PTD	581	448	29.7%	581	0.0%
INDIANA MISO	PTM	0	0	-	0	-
INDONESIAN COAL	MCC	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	110	0	-	50	120.0%
ISO NEW ENGLAND OFF-PEAK	KI	0	98	-100.0%	0	-
ISO NEW ENGLAND PK LMP	NI	0	119	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	JB	616	2,182	-71.8%	924	-33.3%
JAPAN C&F NAPHTHA SWAP	JA	2,813	2,018	39.4%	2,754	2.1%
JAPAN NAPHTHA BALMO SWAP	E6	23	98	-76.5%	47	-51.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	14	31	-54.8%	16	-12.5%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-
JET CIF NWE VS ICE	JC	472	533	-11.4%	535	-11.8%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	4,263	6,349	-32.9%	3,250	31.2%
LA CARB DIESEL (OPIS)	LX	0	13	-100.0%	0	-
LA CARB DIESEL (OPIS) SWA	KL	625	335	86.6%	575	8.7%
LA CARBOB GASOLINE(OPIS)S	JL	575	650	-11.5%	1,150	-50.0%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	-	0	-
LA JET (OPIS) SWAP	JS	2,395	2,935	-18.4%	2,735	-12.4%
LLS (ARGUS) VS WTI SWAP	WJ	36,195	22,334	62.1%	34,910	3.7%
MARS (ARGUS) VS WTI SWAP	YX	10,470	8,033	30.3%	11,545	-9.3%
MARS (ARGUS) VS WTI TRD M	YV	21,543	18,660	15.5%	27,905	-22.8%
MARS BLEND CRUDE OIL	MB	200	1,700	-88.2%	200	0.0%
MCCLOSKEY ARA ARGS COAL	MTF	39,757	67,657	-41.2%	39,233	1.3%
MCCLOSKEY RCH BAY COAL	MFF	4,997	10,943	-54.3%	4,125	21.1%
MGF FUT	MGF	20	26	-23.1%	35	-42.9%
MGN1 SWAP FUT	MGN	454	494	-8.1%	441	2.9%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-
MICHIGAN BASIS	NF	3,582	8,917	-59.8%	3,802	-5.8%
MICHIGAN MISO	HMO	19,376	133,920	-85.5%	22,120	-12.4%
MICHIGAN MISO	HMW	1,036	8,650	-88.0%	1,190	-12.9%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	411	891	-53.9%	294	39.8%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	446	420	6.2%	310	43.9%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	2,760	3,704	-25.5%	2,692	2.5%

## NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Futures</b>						
MJC FUT	MJC	390	605	-35.5%	555	-29.7%
MNC FUT	MNC	5,111	5,213	-2.0%	5,274	-3.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	45,725	77,569	-41.1%	45,202	1.2%
MONT BELVIEU ETHANE OPIS BALMO	8C	80	100	-20.0%	125	-36.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	127,318	106,922	19.1%	128,901	-1.2%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,816	1,074	69.1%	1,645	10.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	19,938	10,733	85.8%	20,211	-1.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	500	217	130.4%	336	48.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	44,431	40,184	10.6%	38,893	14.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	682	347	96.5%	661	3.2%
NAT GAS BASIS SWAP	TZ6	4,027	9,793	-58.9%	4,267	-5.6%
NATURAL GAS	HBI	0	0	-	0	-
NATURAL GAS	XIC	0	36	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	540	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	-	0	-
NATURAL GAS INDEX	TZI	0	612	-100.0%	0	-
NATURAL GAS PEN SWP	NP	163,518	239,811	-31.8%	170,783	-4.3%
NEPOOL CNCTCT 5MW D AH O	P3	0	2,769	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	148	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	H2	471,941	601,513	-21.5%	475,653	-0.8%
NEPOOL INTR HUB 5MW D AH	U6	30,226	43,616	-30.7%	30,951	-2.3%
NEPOOL NE MASS 5MW D AH O	P8	14,040	0	-	14,040	0.0%
NEPOOL NE MASS 5MW D AH P	P7	765	0	-	765	0.0%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	-	0	-
NEPOOL NEW HAMP 5MW D AH	U3	0	0	-	0	-
NEPOOL RHD ISLD 5MW D AH	U4	0	740	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	13,845	-100.0%	0	-
NEPOOL SE MASS 5MW D AH O	P5	0	0	-	0	-
NEPOOL SE MASS 5MW D AH P	P4	0	0	-	0	-
NEPOOL W CNT MASS 5MW D A	L9	0	5,538	-100.0%	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	296	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	CE	1,888	1,499	26.0%	1,888	0.0%
NEW YORK ETHANOL SWAP	EZ	2,000	995	101.0%	2,265	-11.7%
NEW YORK HUB ZONE G PEAK	GN	2,619	2,537	3.2%	2,304	13.7%
NEW YORK HUB ZONE J PEAK	JN	1,170	1,531	-23.6%	850	37.6%
NGPL MID-CONTINENT	NL	17,922	27,036	-33.7%	18,852	-4.9%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-
NGPL TEX/OK	PD	23,509	31,155	-24.5%	26,399	-10.9%
NGPL TEXOK INDEX	OI	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	178	294	-39.5%	258	-31.0%
N ILLINOIS HUB MTHLY	UM	0	140	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	463	1,960	-76.4%	483	-4.1%
NORTHERN NATURAL GAS DEMAR	PE	968	2,540	-61.9%	1,096	-11.7%
NORTHERN NATURAL GAS VENTU	PF	1,432	3,412	-58.0%	1,444	-0.8%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	27,925	55,234	-49.4%	29,725	-6.1%
N ROCKIES PIPE SWAP	XR	0	365	-100.0%	30	-100.0%
NY1% VS GC SPREAD SWAP	VR	4,159	5,264	-21.0%	2,757	50.9%



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Commodity		Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Futures</b>						
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-
NY 3.0% FUEL OIL (PLATTS	H1	175	1,125	-84.4%	350	-50.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	7,356	9,994	-26.4%	7,953	-7.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	515	1,135	-54.6%	690	-25.4%
NY HARBOR RESIDUAL FUEL 1	MM	2,115	4,160	-49.2%	1,926	9.8%
NYH NO 2 CRACK SPREAD CAL	HK	4,753	7,823	-39.2%	5,292	-10.2%
NY H OIL PLATTS VS NYMEX	YH	0	0	-	0	-
NYISO A	KA	0	0	-	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-
NYISO CAPACITY	LHV	314	294	6.8%	354	-11.3%
NYISO CAPACITY	NNC	678	1,322	-48.7%	769	-11.8%
NYISO CAPACITY	NRS	1,250	1,538	-18.7%	1,471	-15.0%
NYISO G	KG	0	0	-	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-
NYISO J	KJ	0	1,041	-100.0%	0	-
NYISO J OFF-PEAK	KK	0	210	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	K4	37,038	110,790	-66.6%	42,750	-13.4%
NYISO ZONE A 5MW D AH PK	K3	4,968	9,990	-50.3%	5,346	-7.1%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	110	-100.0%	0	-
NYISO ZONE G 5MW D AH O P	D2	660,694	517,501	27.7%	656,750	0.6%
NYISO ZONE G 5MW D AH PK	T3	30,261	26,012	16.3%	30,578	-1.0%
NYISO ZONE J 5MW D AH O P	D4	203,841	288,821	-29.4%	214,041	-4.8%
NYISO ZONE J 5MW D AH PK	D3	14,821	15,474	-4.2%	15,661	-5.4%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	-	0	-
NYMEX ALUMINUM FUTURES	AN	576	730	-21.1%	576	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	272	1,265	-78.5%	311	-12.5%
ONEOK OKLAHOMA NG BASIS	8X	368	1,106	-66.7%	428	-14.0%
ONTARIO POWER SWAPS	OFD	0	960	-100.0%	0	-
ONTARIO POWER SWAPS	OFM	0	24,010	-100.0%	0	-
ONTARIO POWER SWAPS	OPD	0	140	-100.0%	0	-
ONTARIO POWER SWAPS	OPM	0	630	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	PH	9,171	28,458	-67.8%	9,901	-7.4%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-
PANHANDLE PIPE SWAP	XH	1,182	864	36.8%	1,451	-18.5%
PERMIAN BASIS SWAP	PM	7,022	15,567	-54.9%	7,442	-5.6%
PETROCHEMICALS	22	72	32	125.0%	181	-60.2%
PETROCHEMICALS	32	76	90	-15.6%	157	-51.6%
PETROCHEMICALS	51	23	0	-	23	0.0%
PETROCHEMICALS	8I	5,962	3,764	58.4%	6,350	-6.1%
PETROCHEMICALS	91	694	437	58.8%	898	-22.7%
PETROCHEMICALS	HPE	0	0	-	0	-
PETROCHEMICALS	JKM	2,080	0	-	1,715	21.3%
PETROCHEMICALS	LPE	0	0	-	0	-
PETROCHEMICALS	MAA	0	0	-	50	-100.0%
PETROCHEMICALS	MAC	0	0	-	0	-
PETROCHEMICALS	MAE	320	20	1,500.0%	320	0.0%
PETROCHEMICALS	MAS	146	10	1,360.0%	115	27.0%
PETROCHEMICALS	MBE	830	1,315	-36.9%	610	36.1%
PETROCHEMICALS	MNB	4,296	3,309	29.8%	4,193	2.5%
PETROCHEMICALS	MPS	330	10	3,200.0%	200	65.0%

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	Commodity	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Futures</b>						
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	32	-100.0%	0	-
PETRO CRCKS & SPRDS ASIA	STR	100	0	-	100	0.0%
PETRO CRCKS & SPRDS ASIA	STS	1,001	890	12.5%	1,036	-3.4%
PETRO CRCKS & SPRDS NA	CRB	4,980	206	2,317.5%	1,030	383.5%
PETRO CRCKS & SPRDS NA	EXR	3,986	2,162	84.4%	4,310	-7.5%
PETRO CRCKS & SPRDS NA	FOC	575	2,518	-77.2%	2,425	-76.3%
PETRO CRCKS & SPRDS NA	GBB	1,295	1,180	9.7%	2,525	-48.7%
PETRO CRCKS & SPRDS NA	GCC	565	25	2,160.0%	690	-18.1%
PETRO CRCKS & SPRDS NA	GCI	2,602	4,281	-39.2%	2,586	0.6%
PETRO CRCKS & SPRDS NA	GCM	21	42	-50.0%	142	-85.2%
PETRO CRCKS & SPRDS NA	GCU	38,670	19,145	102.0%	35,860	7.8%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	25	-100.0%
PETRO CRCKS & SPRDS NA	HOB	6,321	14,797	-57.3%	6,965	-9.2%
PETRO CRCKS & SPRDS NA	KSD	0	75	-100.0%	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	23	-100.0%	0	-
PETRO CRCKS & SPRDS NA	NYF	0	225	-100.0%	0	-
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	16,281	15,563	4.6%	18,067	-9.9%
PETRO CRCKS & SPRDS NA	RVG	28,516	15,777	80.7%	31,866	-10.5%
PETRO CRCKS & SPRDS NA	SF3	75	11	581.8%	105	-28.6%
PETRO CRK&SPRD EURO	1NB	4,252	3,299	28.9%	5,166	-17.7%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	354	258	37.2%	161	119.9%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	4,802	5,381	-10.8%	4,869	-1.4%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	93	49	89.8%	101	-7.9%
PETRO CRK&SPRD EURO	EPN	1,460	596	145.0%	1,488	-1.9%
PETRO CRK&SPRD EURO	EVC	7,049	6,105	15.5%	7,211	-2.2%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-
PETRO CRK&SPRD EURO	FVB	30	0	-	30	0.0%
PETRO CRK&SPRD EURO	GCB	150	64	134.4%	155	-3.2%
PETRO CRK&SPRD EURO	GOC	39	106	-63.2%	54	-27.8%
PETRO CRK&SPRD EURO	MGB	0	10	-100.0%	40	-100.0%
PETRO CRK&SPRD EURO	MUD	169	390	-56.7%	154	9.7%
PETRO CRK&SPRD EURO	NBB	20	20	0.0%	6	233.3%
PETRO CRK&SPRD EURO	NOB	1,958	1,481	32.2%	1,998	-2.0%
PETRO CRK&SPRD EURO	SFB	80	0	-	0	-
PETROLEUM PRODUCTS	D46	0	0	-	0	-
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	7,691	4,316	78.2%	9,886	-22.2%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-
PETROLEUM PRODUCTS	MGS	0	0	-	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-
PETROLEUM PRODUCTS	MME	0	20	-100.0%	0	-
PETROLEUM PRODUCTS	MPE	0	100	-100.0%	0	-
PETROLEUM PRODUCTS	VU	75	262	-71.4%	575	-87.0%
PETROLEUM PRODUCTS ASIA	E6M	20	26	-23.1%	20	0.0%
PETROLEUM PRODUCTS ASIA	MJN	2,529	2,587	-2.2%	2,935	-13.8%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-



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	Commodity	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Futures</b>						
PETRO OUTRIGHT EURO	0B	14	85	-83.5%	0	-
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	5,569	6,585	-15.4%	5,328	4.5%
PETRO OUTRIGHT EURO	0E	10	394	-97.5%	30	-66.7%
PETRO OUTRIGHT EURO	0F	1,221	2,352	-48.1%	1,354	-9.8%
PETRO OUTRIGHT EURO	1T	24	53	-54.7%	30	-20.0%
PETRO OUTRIGHT EURO	33	0	94	-100.0%	0	-
PETRO OUTRIGHT EURO	5L	70	80	-12.5%	45	55.6%
PETRO OUTRIGHT EURO	63	35	0	-	0	-
PETRO OUTRIGHT EURO	6L	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	0	100	-100.0%	33	-100.0%
PETRO OUTRIGHT EURO	7R	153	463	-67.0%	380	-59.7%
PETRO OUTRIGHT EURO	88	10	0	-	0	-
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	16	118	-86.4%	405	-96.0%
PETRO OUTRIGHT EURO	EFF	0	10	-100.0%	8	-100.0%
PETRO OUTRIGHT EURO	EFM	0	43	-100.0%	0	-
PETRO OUTRIGHT EURO	ENS	150	95	57.9%	170	-11.8%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-
PETRO OUTRIGHT EURO	EWN	1,229	1,228	0.1%	1,196	2.8%
PETRO OUTRIGHT EURO	FBD	0	0	-	0	-
PETRO OUTRIGHT EURO	MBB	0	230	-100.0%	0	-
PETRO OUTRIGHT EURO	MBN	4,727	3,342	41.4%	4,486	5.4%
PETRO OUTRIGHT EURO	SMU	128	40	220.0%	178	-28.1%
PETRO OUTRIGHT EURO	T0	70	473	-85.2%	77	-9.1%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	480	235	104.3%	780	-38.5%
PETRO OUTRIGHT EURO	W0	0	0	-	0	-
PETRO OUTRIGHT EURO	X0	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	0	96	-100.0%	254	-100.0%
PETRO OUTRIGHT NA	FOM	0	10	-100.0%	0	-
PETRO OUTRIGHT NA	GBA	0	0	-	0	-
PETRO OUTRIGHT NA	GUD	0	0	-	0	-
PETRO OUTRIGHT NA	JE	215	420	-48.8%	250	-14.0%
PETRO OUTRIGHT NA	JET	2,275	3,201	-28.9%	2,050	11.0%
PETRO OUTRIGHT NA	JTB	625	0	-	0	-
PETRO OUTRIGHT NA	MBL	36	158	-77.2%	38	-5.3%
PETRO OUTRIGHT NA	MEN	785	371	111.6%	254	209.1%
PETRO OUTRIGHT NA	MEO	5,142	8,953	-42.6%	4,957	3.7%
PETRO OUTRIGHT NA	MFD	70	62	12.9%	70	0.0%
PETRO OUTRIGHT NA	MMF	74	122	-39.3%	80	-7.5%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	271,402	580,202	-53.2%	282,922	-4.1%
PJM AD HUB 5MW REAL TIME	Z9	17,565	30,216	-41.9%	18,279	-3.9%
PJM AECO DA OFF-PEAK	X1	0	0	-	0	-
PJM AECO DA PEAK	Y1	0	0	-	0	-
PJM APS ZONE DA OFF-PEAK	W4	0	0	-	0	-
PJM APS ZONE DA PEAK	S4	0	0	-	0	-
PJM ATSI ELEC	MOD	0	74,490	-100.0%	3,920	-100.0%
PJM ATSI ELEC	MPD	0	4,030	-100.0%	220	-100.0%
PJM BGE DA OFF-PEAK	R3	5,538	32,760	-83.1%	8,282	-33.1%

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Commodity		Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Futures</b>						
PJM BGE DA PEAK	E3	296	1,785	-83.4%	450	-34.2%
PJM COMED 5MW D AH O PK	D9	13,845	37,245	-62.8%	15,805	-12.4%
PJM COMED 5MW D AH PK	D8	740	2,015	-63.3%	850	-12.9%
PJM DAILY	JD	728	1,054	-30.9%	1,096	-33.6%
PJM DAYTON DA OFF-PEAK	R7	85,936	181,828	-52.7%	89,200	-3.7%
PJM DAYTON DA PEAK	D7	7,770	14,778	-47.4%	8,295	-6.3%
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-
PJM JCPL DA PEAK	J2	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	B3	21,233	50,341	-57.8%	23,102	-8.1%
PJM NI HUB 5MW REAL TIME	B6	408,510	1,213,032	-66.3%	459,966	-11.2%
PJM NILL DA OFF-PEAK	L3	251,646	1,114,621	-77.4%	270,822	-7.1%
PJM NILL DA PEAK	N3	15,756	53,072	-70.3%	16,911	-6.8%
PJM OFF-PEAK LMP SWAP FUT	JP	286	790	-63.8%	328	-12.8%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	-	0	-
PJM PPL DA OFF-PEAK	F5	0	0	-	0	-
PJM PPL DA PEAK	L5	0	0	-	0	-
PJM PSEG DA OFF-PEAK	W6	23,400	117,000	-80.0%	31,240	-25.1%
PJM PSEG DA PEAK	L6	0	5,100	-100.0%	440	-100.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	291,043	695,302	-58.1%	310,219	-6.2%
PJM WESTHDA PEAK	J4	15,776	41,711	-62.2%	16,763	-5.9%
PJM WESTH RT OFF-PEAK	N9	1,447,230	2,630,382	-45.0%	1,519,278	-4.7%
PJM WESTH RT PEAK	L1	97,198	149,835	-35.1%	102,994	-5.6%
PLASTICS	PGP	722	1,441	-49.9%	782	-7.7%
PREMIUM UNLD 10P FOB MED	3G	450	115	291.3%	465	-3.2%
PREMIUM UNLEAD 10PPM FOB	8G	75	20	275.0%	84	-10.7%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	54	5	980.0%	54	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	525	311	68.8%	405	29.6%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	51,360	25,383	102.3%	47,839	7.4%
RBOB CALENDAR SWAP	RL	14,413	10,821	33.2%	12,578	14.6%
RBOB CRACK SPREAD	RM	6,599	1,648	300.4%	6,559	0.6%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	1,005	619	62.4%	1,526	-34.1%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	19	-100.0%	0	-
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	1,240	2,848	-56.5%	1,550	-20.0%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-
SAN JUAN BASIS SWAP	NJ	13,972	28,440	-50.9%	14,992	-6.8%
SAN JUAN PIPE SWAP	XX	360	0	-	360	0.0%
SINGAPORE 180CST BALMO	BS	40	60	-33.3%	105	-61.9%
SINGAPORE 380CST BALMO	BT	200	116	72.4%	579	-65.5%
SINGAPORE 380CST FUEL OIL	SE	13,574	12,636	7.4%	10,964	23.8%
SINGAPORE FUEL 180CST CAL	UA	1,592	1,831	-13.1%	2,243	-29.0%
SINGAPORE FUEL OIL SPREAD	SD	1,452	1,596	-9.0%	1,812	-19.9%
SINGAPORE GASOIL	MTB	15	30	-50.0%	90	-83.3%
SINGAPORE GASOIL	MTS	7,658	10,002	-23.4%	8,302	-7.8%
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	2,975	700	325.0%	3,400	-12.5%
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	-

## NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Futures</b>						
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	120	379	-68.3%	350	-65.7%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-
SINGAPORE GASOIL SWAP	SG	7,785	17,975	-56.7%	7,280	6.9%
SINGAPORE GASOIL VS ICE	GA	45,890	20,035	129.0%	47,435	-3.3%
SINGAPORE JET KERO BALMO	BX	50	24	108.3%	0	-
SINGAPORE JET KERO GASOIL	RK	10,640	6,090	74.7%	11,050	-3.7%
SINGAPORE JET KEROSENE SW	KS	2,795	2,488	12.3%	1,835	52.3%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	200	0	-	350	-42.9%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	16,192	13,320	21.6%	15,709	3.1%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-
SING FUEL	MSD	15	0	-	10	50.0%
SOCAL PIPE SWAP	XN	0	0	-	0	-
SONAT BASIS SWAP FUTURE	SZ	0	368	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	60	216	-72.2%	70	-14.3%
Sumas Basis Swap	NK	4,139	8,754	-52.7%	4,259	-2.8%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	368	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	247	0	-	314	-21.3%
TC5 RAS TANURA TO YOKOHAM	TH	25	0	-	80	-68.8%
TCO BASIS SWAP	TC	6,591	21,082	-68.7%	6,951	-5.2%
TCO NG INDEX SWAP	Q1	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	2,849	0	-	1,943	46.6%
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	NM	0	246	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	6Z	0	246	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	NQ	0	850	-100.0%	0	-
TETCO M-3 INDEX	IX	0	4,284	-100.0%	0	-
Tetco STX Basis	TX	368	1,282	-71.3%	428	-14.0%
TEXAS EASTERN ZONE M-3 BA	NX	4,143	15,199	-72.7%	4,443	-6.8%
TEXAS GAS ZONE1 NG BASIS	9F	2,888	9,864	-70.7%	3,364	-14.1%
Transco Zone 3 Basis	CZ	1,656	5,611	-70.5%	1,926	-14.0%
TRANSCO ZONE 3 NG INDEX S	Y6	0	5,202	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	TR	5,442	18,370	-70.4%	5,832	-6.7%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	1,409	5,879	-76.0%	1,679	-16.1%
TRANSCO ZONE 6 INDEX	IT	0	1,224	-100.0%	0	-
UCM FUT	UCM	0	152	-100.0%	0	-
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-
ULSD 10PPM CIF MED VS ICE	Z7	8	66	-87.9%	16	-50.0%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	4,390	1,690	159.8%	6,875	-36.1%
UP DOWN GC ULSD VS NMX HO	LT	43,493	45,726	-4.9%	40,763	6.7%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-
WAHA BASIS	NW	4,271	8,699	-50.9%	4,481	-4.7%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	QP	290	645	-55.0%	120	141.7%
WTI-BRENT BULLET SWAP	BY	7,054	904	680.3%	6,704	5.2%

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Commodity		Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Futures</b>						
WTI-BRENT CALENDAR SWAP	BK	129,674	37,091	249.6%	130,303	-0.5%
WTI CALENDAR	CS	178,756	122,965	45.4%	183,671	-2.7%
WTS (ARGUS) VS WTI SWAP	FF	58,863	49,875	18.0%	60,042	-2.0%
WTS (ARGUS) VS WTI TRD MT	FH	3,528	1,280	175.6%	3,480	1.4%
<b>Energy Options</b>						
12 MO GASOIL CAL SWAP SPR	GXZ	0	230	-100.0%	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-
BRENT 1 MONTH CAL	AA	1,000	0	-	2,000	-50.0%
BRENT CALENDAR SWAP	BA	6,191	11,706	-47.1%	3,498	77.0%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	9C	157,658	0	-	210,610	-25.1%
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-
BRENT OIL LAST DAY	BE	104,533	2,735	3,722.0%	91,518	14.2%
BRENT OIL LAST DAY	BZO	200,573	61,909	224.0%	196,739	1.9%
BRENT OIL LAST DAY	OS	1,122	21,324	-94.7%	1,072	4.7%
COAL API2 INDEX	CLA	2,935	4,972	-41.0%	2,740	7.1%
COAL API2 INDEX	CQA	1,610	20	7,950.0%	1,755	-8.3%
COAL API2 INDEX	MTC	0	0	-	0	-
COAL API4 INDEX	RLA	25	0	-	25	0.0%
COAL API4 INDEX	RQA	0	0	-	0	-
COAL SWAP	CPF	10	0	-	20	-50.0%
COAL SWAP	RPF	125	335	-62.7%	250	-50.0%
CRUDE OIL 1MO	WA	470,050	659,030	-28.7%	446,235	5.3%
CRUDE OIL APO	AO	454,774	285,317	59.4%	475,009	-4.3%
CRUDE OIL CALNDR STRIP	6F	170	0	-	170	0.0%
CRUDE OIL OUTRIGHTS	AH	50	150	-66.7%	100	-50.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	3,350	0	-	4,020	-16.7%
CRUDE OIL PHY	CD	0	0	0.0%	0	0.0%
CRUDE OIL PHY	LC	42,705	67,673	-36.9%	44,462	-4.0%
CRUDE OIL PHY	LO	2,894,816	2,913,760	-0.7%	2,855,734	1.4%
CRUDE OIL PHY	LO1	2,917	3,027	-3.6%	9,790	-70.2%
CRUDE OIL PHY	LO2	425	734	-42.1%	2,512	-83.1%
CRUDE OIL PHY	LO3	251	123	104.1%	0	-
CRUDE OIL PHY	LO4	0	0	-	1,548	-100.0%
CRUDE OIL PHY	LO5	0	0	0.0%	62	-100.0%
ELEC FINSETTLED	PML	0	0	-	0	-
ELEC MISO PEAK	9T	0	0	-	0	-
ETHANOL	CE1	0	0	-	0	-
ETHANOL	CE3	150	300	-50.0%	150	0.0%
ETHANOL SWAP	CVR	14,379	10,297	39.6%	12,164	18.2%
ETHANOL SWAP	GVR	2,606	2,443	6.7%	2,536	2.8%
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC	30	0	0	-	0	-
GASOLINE	GCE	0	0	-	0	-
HEATING OIL CRACK OPTIONS	CH	0	100	-100.0%	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	-
HEATING OIL PHY	LB	440	1,145	-61.6%	620	-29.0%
HEATING OIL PHY	OH	40,131	61,482	-34.7%	36,367	10.4%
HENRY HUB FINANCIAL LAST	E7	5,406	9,549	-43.4%	5,672	-4.7%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-

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Commodity		Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Options</b>						
LLS CRUDE OIL	WJO	1,800	8,850	-79.7%	1,800	0.0%
LLS CRUDE OIL	YVO	0	0	-	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	375	1,400	-73.2%	345	8.7%
MCCLOSKEY RCH BAY COAL	MFO	1,150	0	-	1,150	0.0%
NATURAL GAS	G10	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	14,991	124,650	-88.0%	5,950	151.9%
NATURAL GAS 2 M CSO FIN	G2	1,000	2,150	-53.5%	0	-
NATURAL GAS 3 M CSO FIN	G3	39,170	40,075	-2.3%	37,970	3.2%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	G6	5,000	700	614.3%	3,200	56.2%
NATURAL GAS OPTION ON CALENDAR STRP	6J	12,486	7,578	64.8%	12,286	1.6%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	1,673,331	2,397,867	-30.2%	1,608,336	4.0%
NATURAL GAS PHY	ON	87,727	105,236	-16.6%	87,204	0.6%
NATURAL GAS PHY	ON1	0	0	-	0	-
NG HH 3 MONTH CAL	IC	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	2,166	5,220	-58.5%	2,054	5.5%
NY HARBOR HEAT OIL SWP	AT	17,827	28,284	-37.0%	19,105	-6.7%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	10,710	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	2,880	2,880	0.0%	3,600	-20.0%
PETROCHEMICALS	4H	2,413	2,608	-7.5%	2,190	10.2%
PETROCHEMICALS	4J	1,420	3,730	-61.9%	1,430	-0.7%
PETROCHEMICALS	4K	100	0	-	0	-
PETROCHEMICALS	CPR	0	18	-100.0%	0	-
PETRO OUTRIGHT EURO	8H	0	300	-100.0%	0	-
PETRO OUTRIGHT NA	DAP	42	0	-	48	-12.5%
PJM MONTHLY	JO	0	0	-	0	-
PJM WES HUB PEAK CAL MTH	6OA	1,780	2,930	-39.2%	1,720	3.5%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	8,298	16,590	-50.0%	9,037	-8.2%
RBOB 1MO CAL SPD OPTIONS	ZA	0	550	-100.0%	0	-
RBOB CALENDAR SWAP	RA	525	1,560	-66.3%	650	-19.2%
RBOB PHY	OB	10,712	26,759	-60.0%	11,711	-8.5%
RBOB PHY	RF	125	25	400.0%	125	0.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	300	-100.0%	0	-
SAN JUAN PIPE SWAP	PJ	1,974	4,548	-56.6%	1,828	8.0%
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	-	225	-100.0%
SHORT TERM NATURAL GAS	U02	270	0	-	0	-
SHORT TERM NATURAL GAS	U03	0	750	-100.0%	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-
SHORT TERM NATURAL GAS	U05	0	300	-100.0%	80	-100.0%

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<b>Energy Options</b>						
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	0.0%	0	-
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	M2	0	175	-100.0%	0	-
SINGAPORE JET FUEL CALEND	N2	0	370	-100.0%	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	225,934	144,280	56.6%	233,480	-3.2%
WTI CRUDE OIL 1 M CSO FI	7A	153,125	342,592	-55.3%	178,700	-14.3%
<b>Metals Futures</b>						
COMEX GOLD	GC	478,221	461,608	3.6%	460,979	3.7%
NYMEX HOT ROLLED STEEL	HR	12,457	13,205	-5.7%	15,997	-22.1%
NYMEX PLATINUM	PL	86,498	71,239	21.4%	81,436	6.2%
PALLADIUM	PA	22,049	34,584	-36.2%	21,468	2.7%
URANIUM	UX	2,690	4,988	-46.1%	2,664	1.0%
COMEX SILVER	SI	209,485	201,430	4.0%	210,701	-0.6%
COMEX E-Mini GOLD	QO	861	637	35.2%	672	28.1%
COMEX E-Mini SILVER	QI	298	90	231.1%	214	39.3%
COMEX COPPER	HG	266,333	265,240	0.4%	263,968	0.9%
COMEX MINY COPPER	QC	58	242	-76.0%	70	-17.1%
ALUMINUM	A38	0	10	-100.0%	0	-
ALUMINUM	AEP	14,331	14,092	1.7%	14,938	-4.1%
ALUMINUM	ALA	2,770	10	27,600.0%	2,780	-0.4%
ALUMINUM	ALI	0	292	-100.0%	0	-
ALUMINUM	AUP	32,087	31,724	1.1%	33,449	-4.1%
ALUMINUM	CUP	80	0	-	100	-20.0%
ALUMINUM	EDP	10,105	7,942	27.2%	10,890	-7.2%
ALUMINUM	MJP	8,952	5,122	74.8%	9,577	-6.5%
COPPER	HGS	13,325	923	1,343.7%	13,972	-4.6%
E-MICRO GOLD	MGC	10,337	5,054	104.5%	9,477	9.1%
FERROUS PRODUCTS	BUS	3,155	255	1,137.3%	3,858	-18.2%
GOLD	GPS	0	0	-	0	-
Gold Kilo	GCK	0	16	-100.0%	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	600	1,752	-65.8%	740	-18.9%
IRON ORE 62 CHINA TSI FUTURES	TIO	10,264	17,669	-41.9%	10,934	-6.1%
LNDN ZINC	ZNC	28	50	-44.0%	6	366.7%
METALS	LED	0	0	-	0	-
SILVER	SIL	1,537	885	73.7%	1,408	9.2%



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	Commodity	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Metals Options</b>						
COMEX COPPER	HX	20,335	2,819	621.4%	21,482	-5.3%
COMEX GOLD	OG	1,190,505	962,264	23.7%	1,093,235	8.9%
COMEX SILVER	SO	190,624	102,991	85.1%	191,463	-0.4%
COPPER	H2E	0	0	-	0	-
COPPER	H3E	0	0	-	0	-
COPPER	H4E	0	0	-	0	-
GOLD	OG1	3,830	1,888	102.9%	3,175	20.6%
GOLD	OG2	1,182	473	149.9%	2,981	-60.3%
GOLD	OG3	208	201	3.5%	1,380	-84.9%
GOLD	OG4	0	0	-	112	-100.0%
GOLD	OG5	0	0	0.0%	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	600	0	-	700	-14.3%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	1,650	10,241	-83.9%	1,838	-10.2%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	640	4,590	-86.1%	600	6.7%
NYMEX PLATINUM	PO	5,816	2,839	104.9%	2,748	111.6%
PALLADIUM	PAO	2,518	6,461	-61.0%	2,101	19.8%
SILVER	SO1	405	0	-	57	610.5%
SILVER	SO2	84	0	-	71	18.3%
SILVER	SO3	99	0	-	9	1,000.0%
SILVER	SO4	0	0	-	3	-100.0%
SILVER	SO5	0	0	0.0%	0	-

### TOTAL FUTURES GROUP

Ag Products Futures	58	5	1,060.0%	59	-1.7%
Energy Futures	14,254,884	18,862,986	-24.4%	14,880,183	-4.2%
Metals Futures	1,186,521	1,139,059	4.2%	1,170,298	1.4%
<b>TOTAL FUTURES</b>	<b>15,441,463</b>	<b>20,002,050</b>	<b>-22.8%</b>	<b>16,050,540</b>	<b>-3.8%</b>

### TOTAL OPTIONS GROUP

Energy Options	6,675,023	7,402,346	-9.8%	6,631,602	0.7%
Metals Options	1,418,496	1,094,767	29.6%	1,321,955	7.3%
<b>TOTAL OPTIONS</b>	<b>8,093,519</b>	<b>8,497,113</b>	<b>-4.7%</b>	<b>7,953,557</b>	<b>1.8%</b>



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	Commodity	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>TOTAL COMBINED</b>						
	Ag Products	58	5	1,060.0%	59	-1.7%
	Energy	20,929,907	26,265,332	-20.3%	21,511,785	-2.7%
	Metals	2,605,017	2,233,826	16.6%	2,492,253	4.5%
	<b>GRAND TOTAL</b>	<b>23,534,982</b>	<b>28,499,163</b>	<b>-17.4%</b>	<b>24,004,097</b>	<b>-2.0%</b>